



# 3.1 Survey on Mediterranean state of the art and practice in the field of port and transport simulation

**ENI CBC MED Programme**

**Strategic Project**

**TECHLOG**

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## Technological Transfer for Logistics Innovation in Mediterranean Area

Project details	
Thematic objective:	<b>A.2 Support to education, research, technological development and innovation</b>
Priority:	<b>A.2.1 Technological transfer and commercialisation of research results</b>
Countries:	<b>Italy, Egypt, Spain, Lebanon, Tunisia</b>
Total budget:	<b>3.5 million €</b>
EU contribution:	<b>3.1 million €</b>
Start date:	<b>06 July 2021</b>
End date:	<b>31 December 2023</b>
Official Website:	<a href="https://www.enicbcmmed.eu/projects/techlog">https://www.enicbcmmed.eu/projects/techlog</a>

Output details	
Output name:	<b>3.1 Survey on Mediterranean state of the art and practice in the field of port and transport simulation</b>

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WP / WP number:	<b>WP3 - Analysis of the state of art and practice in the field of advanced training and simulation for port and transport activities</b>
Delivery due date:	<b>31/10/2022</b>
Actual date of submission:	<b>31/10/2022</b>
Partner responsible:	<b>CIREM – University of Cagliari</b>
Contributor(s):	<b>PP1 - CCIAA MATI PP2 - AASTMT PP3 - EEIG PP4 - CEEBA PP5 - CCIA BML PP6 - Alexandria Chamber PP7 - CCI Sfax PP8 - Uni Sfax</b>
Restriction level	<b>Public</b>



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## Preface: TECHLOG Project

TECHLOG (Technological Transfer for Logistics Innovation in Mediterranean area) is a project financed by the European Union within the call for strategic projects of the European cooperation Programme ENI CBC MED "Mediterranean Sea Basin Programme" 2014-2020. The ENI CBC MED Programme is the main cross-border cooperation initiative implemented by the European Union under the European Neighbourhood Instrument (ENI).

The project is led by CIREM - Inter-University Centre for Economic Research and Mobility of the University of Cagliari; in addition to Unica, eight partners from the academic and business worlds of five Euro-Mediterranean countries are involved.

The 5 countries involved are Italy (IT), Egypt (EG), Spain (SP), Lebanon (LB) and Tunisia (TUN).

The 9 partners involved are:

- University of Cagliari Unica-CIREM (lead beneficiary);
- Maremma and Tyrrhenian Chamber of Commerce Industry, Crafts and Agriculture (IT);
- Arab Academy for Science, Technology & Maritime Transport (EG);
- Escola Europea – Intermodal Transport (SP);
- Confederation of European Egyptian Business Associations (EG);
- Beirut and Mount Lebanon Chamber of Commerce, Industry and Agriculture (LB);
- Federation of Egyptian Chambers of Commerce - Alexandria Chamber (EG);
- Sfax Chamber of Commerce and Industry (TUN);
- University of Sfax (TUN).

Using an open innovation approach, TECHLOG sets up a permanent cross-border laboratory aimed at facilitating the development of joint technology transfer initiatives between the academic and business worlds in the field of advanced training for personnel in port and trucking communities. Concretely, TECHLOG will develop innovative training programmes in the field of logistics based on the use of advanced driving simulators for eco-driving, safe driving and improved operator performance. These programmes will be



tested through several pilot actions directly involving the port and road transport communities of the five countries involved.

As a strategic project, TECHLOG also implements actions to strengthen the capacity of public institutions to manage innovation processes in the port and road transport sectors, and implements a capacity building path aimed at elaborating a joint proposal for shared standards for the Mediterranean area in the field of advanced and certified training for transport and port personnel that can strengthen their operational efficiency and competitiveness.

Thanks to TECHLOG, operators and institutions operating in the port and road transport sector will have a reference point to co-design and promote technology transfer initiatives based on the use of advanced driving simulators aimed at improving the performance, competitiveness and sustainability of the port and road transport sector in the Euro-Mediterranean area.

The main beneficiaries of the project include transport authorities, port authorities, terminal operators, research and training centers dealing with advanced simulation for transport and logistics, transport companies and port operators.

The project activities are divided into 6 Work Packages (WP):

- WP1: Management;
- WP2: Communication;
- WP3: Analysis of the state of art and practice in the field of KETs for (trans)port activities;
- WP4: Setting up of the Mediterranean Cross-Border open lab for technology transfer;
- WP5: Joint development of technology transfer initiatives;
- WP6: Pilot actions.

This document represents the main output of activity A3.1 of WP3.



## Scope of the document

The objective of WP3 was twofold:

1. to identify existing innovation practices in the field of advanced training and simulation for transport and port requirements and to analyze their potential implications on human, safety and environmental factors;
2. to preliminarily assess the transferability of the identified practices to a selection of Euro-Med transporters and port operators who can benefit from such transfer to improve their performance in terms of productivity, safety and environmental sustainability.

To achieve these objectives, WP3 consisted of 3 main activities:

- A3.1 Analysis of the state of the art and practice in the field of advanced training and simulation for transport and port workers and identification of the main organizations and research centres in the field;
- A3.2 Identification of Euro-Med transport and port operators who can benefit from the transfer of the practices identified;
- A3.3 Assessment of the transferability of the practices identified to the actors selected on the basis of their needs.

This document represents the output of activity A3.1 and consists of a survey on the state of the art and practice in the Mediterranean in the field of port and transport simulation and advanced training.

The survey illustrates the state of the art and practice in the Med area in the field of advanced simulation for port and transport activities, with particular attention to its implications on human factors, safety and the environment. The document includes a census of the main Mediterranean operators and research centers in the field of study; each entity analyzed is described by means of a sheet illustrating its peculiarities and main strengths.

This document is divided into 5 chapters. The first chapter describes the A3.1 activity in terms of objectives, subjects involved, survey methodology, and partners role. The second chapter describes the questionnaire used to perform the survey to the operators



while the third chapter presents the results. Chapter 4 is devoted to the presentation of the forms used to survey projects and initiatives, and websites, blogs and collaborative platforms related to the issue under analysis.

All the related annexes and documents are attached at the end of this report.

It should be noted that the analysis reported is not exhaustive of the state of affairs but is in any case representative of the sectors considered within the Euro-Med area, and is also functional to the identification of the subjects to be involved in the subsequent phases of development of the project.



## 1. Description of activity A3.1

### Objective

Activity A3.1 aimed to analyze the state of the art and practice in the field of advanced training through simulation and the potential implications on safety, efficiency and the environment.

To this end, in the first year of activity, TECHLOG carried out a survey of Euro-Mediterranean organizations/operators that carry out advanced training or research activities, in particular through driving simulators, for port and transport personnel. The survey also covered past and ongoing projects and initiatives relating to advanced training and simulation for port and transport activities.

The related survey was also used as an opportunity to start getting in touch with the project target groups for their active involvement in the subsequent phases of the project.

### Surveyed subjects

The survey covered subjects, organizations, operators involved in research, simulation and training activities for ports and transport operators, in particular:

- Universities, specifically those departments and schools that carry out research activities (basic or applied) and/or training for port and transport operators, including through driving simulators;
- Research centres, both public and private, that carry out research and/or advanced training activities for port and transport personnel, also by means of driving simulators;
- Simulation centres, public and private, involved in research and/or advanced training activities for port and transport personnel, also by means of driving simulators;
- Training organisations for port and road transport activities;
- Social security offices involved in training activities to improve the safety of port and transport workers;
- Accredited certification bodies for issuing port work qualifications and road transport licences;
- Specialised institutes providing training, refreshing and upgrading activities for road haulers and/or port personnel;

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- Industries that manufacture crane cabins and other port equipment;
- Companies that sell and/or produce driving simulators for port and transport personnel;
- Companies producing cabins for cranes and other port equipment;
- Companies producing cabins for trucks and heavy goods vehicles;
- Any other body/organisation involved in the training of port and transport personnel.

### Survey methodology

The survey was carried out by all partners from December 2021 to June 2022. To ensure homogeneity and consistency in data collection, the survey methodology to be followed was specified by Unica-CIREM (Coordinator of the activity) in a document, the so-called Inception Report (see Appendix 1), accompanied by three editable annexes/questionnaires to be used for collecting the information:

1. Annex 1, the main one, was dedicated to subjects, organizations, operators involved in research, simulation and training activities for port and transport operators
2. Annex 2 was dedicated to projects/initiatives dealing with advanced training and simulation for port and road haulage personnel
3. Annex 3 was dedicated to websites/blogs/collaborative platforms resulting from a project or containing exchanges of data, experiences, guidelines on the topic of advanced training and simulation for port and road transport personnel.

The inception report detailed the activities of WP3 in terms of objectives, targets, partner roles, and time schedule for the completion of the activities.

In the first phase of investigation (January 2022), all the partners, each for the area of reference, prepared a preliminary list of subjects, organizations and practitioners of potential interest for the investigation.

For each project partner, a contact person was appointed to collect information through the following steps:

- step 1: preliminary identification of subjects and initiatives of interest through on-desk research and in-house knowledge



- step 2: collection of information available on the internet or in related literature through the provided annexes
- step 3: direct interviews to acquire any missing information needed to complete the questionnaires and establish direct contact with a representative of the interviewed organization.

Although the questionnaires were developed in English and built using the editable PDF format, not all partners used this standard resorting from time to time to other languages and alternative formats, thus requiring extra effort for data processing during the analysis.

When after verification by the lead partner ambiguous responses in the filled questionnaires were detected, the partners were requested to re-contact the stakeholders for a further check.

The collection process ended in June 2022. As for Annex 1, 56 filled questionnaires were collected, but not all questionnaires are intended to be complete and useful to the survey. 10 questionnaires were collected for Annex 2 and 5 for Annex 3.

The following table shows the roles that each partner played within the activity.



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<b>A3.1 – ROLE MATRIX</b>	<b>APPL Unica</b>	<b>PP1 CCIAA MATI</b>	<b>PP2 AASTMT</b>	<b>PP3 EEIG</b>	<b>PP4 CEEBA</b>	<b>PP5 CCIA BML</b>	<b>PP6 Alex Chamber</b>	<b>PP7 CCI Sfax</b>	<b>PP8 Uni Sfax</b>
<i>Census and data collection of organizations/operators who carry out advanced training or research activities using driving simulators for port and transport personnel</i>	For EU area		For Egypt, Morocco, Algeria	For Spanish area	For Libya, Lebanon	Support AAST/CEEBA in the analysis for the Lebanese area			For Tunisian area
<i>Census and data collection of projects/initiatives (completed or ongoing) dealing with advanced training and simulation for port and road haulage personnel</i>	For EU projects		For MENA projects (Egypt, Morocco, Algeria)	For Spanish projects	For MENA projects (Libya, Lebanon)	Support AAST/CEEBA in the analysis of the Lebanese projects			For Tunisian projects
<i>Census and data collection of web sites/web platforms resulting from a project or containing exchanges of data, experiences, guidelines on the topic of advanced training and simulation for port and road transport personnel.</i>	For EU		For Egypt, Morocco, Algeria	For Spain	For Libya, Lebanon	Support AAST/CEEBA in the analysis of the Lebanese initiatives			For Tunisia



## 2. Annex 1 : description of the questionnaire

The questionnaire, designed by Unica-CIREM (WP3 coordinator), was submitted to research organizations, training organizations, simulation centers and other organizations that carry out advanced training or research activities for port personnel and haulers, particularly those using driving simulators.

This questionnaire consists of four main sections.

### 2.1 Section 1: General information

Through this section, general characteristics of the subject interviewed are first identified in order to understand the field in which it operates and other useful characteristics for the purposes of the analysis.

The information requested concern:

- details of the organization (name, address, website) and contact person
- type of the organization (university, research center, simulation center, etc.) and sector in which it operates (ports, trucking or other)
- type of activity carried out in the field of advanced training and simulation for ports and transport activities (basic research, applied research, consultancy etc.).



### SECTION 1: GENERAL INFORMATION

**Name of the organization:**

**Address (street, city, country):**

**Website:**

**Reference person:**

**Name and surname:**

**Email:**

**Telephone:**

**REFERENCE SECTOR:**  Ports  Road haulage  Other

**TYPE OF SUBJECT** *(Multiple options are selectable):*

- University  Research center  Simulation center  Training institution
- Social security office  Accredited certification body  Driving simulators seller or manufacturer
- Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff
- Industries that produce crane cabins and other port equipment
- Companies producing cabins for trucks and heavy vehicles
- Other

**TYPE OF ACTIVITIES CARRIED OUT** *(in the field of advanced training and simulation for ports and transport activities)* *(Multiple options are selectable):*

- Basic research  Applied research  Consulting  Placement
- Training  Accreditation  Other



## 2.2 Section 2: Training

This section deals with training and has to be completed only if the activity performed by the surveyed subject involved the provision of training courses for port and road haulage operators.

The information requested concern:

- type of training course(s) provided: catalogue course(s) (standard course) or on demand course(s) (course that can be customized ad hoc to meet specific company needs)
- category of the course(s) (technical courses, compulsory training courses for obtaining licenses/qualifications, safe driving courses, ...)
- eventual use of simulators for training and, if used, type and number of units. Among the types indicated in the questionnaire there are the truck simulator (simulator that physically reproduces the environment and technology of the driver's cab of a professional vehicle using real equipment), the port crane simulator (simulator that physically reproduces the environment and technology of the crane driver's cab of a professional crane using real equipment), simulation apps and software (only software without physical equipment) and others
- characteristics of the courses provided, in particular:
  - recipients of the training (workers, technicians, managers, executives, ...)
  - if the courses are intended for workers, to which type: truck drivers, port tractor drivers, reach stacker operators, ...
  - whether the training is planned on an individual basis or for groups of people
  - location of the training course(s): classroom, on site, at the port, in the vehicle, ...



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## SECTION 2: TRAINING

**IF THE BUSINESS INCLUDES THE PROVISION OF TRAINING COURSES FOR PORT AND TRANSPORT PERSONNEL, COMPLETE SECTION 2 OTHERWISE GO TO SECTION 3.**

**What kind of training courses are provided?** *(Multiple options are selectable):*

- Catalog courses     On request

**What the courses deal with** *(Multiple options are selectable):*

- Technical courses     Compulsory training courses for obtaining licenses/qualifications

- Safe Driving Courses     Eco-driving courses

- Training courses for the unemployed/unemployable     Other

**Is the training carried out with simulators?**     Yes     No

**If the answer to the previous question was YES, which simulator(s) are used?**

	N. of units
<input type="checkbox"/> <b>Truck Simulator</b> <i>(simulator that physically reproduces the environment and technology of the driver's cab of a professional vehicle using real equipment)</i>	<input type="text"/>
<input type="checkbox"/> <b>Port crane simulator</b> <i>(simulator that physically reproduces the environment and technology of the crane's cab of a professional portainer using real equipment)</i>	<input type="text"/>
<input type="checkbox"/> <b>Simulation apps and software</b> <i>(Software-only simulator with no physical equipment)</i>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>

**Indicate the characteristics of the courses provided** *(Multiple options are selectable):*

**To which operators is the training addressed?**     Workers, technicians     Beginners to the transport field  
 Managers, Executives     Courses for students

**If they are aimed at workers, please indicate to which type in particular:**     Truck drivers     Quay cranes  
 Port tractor drivers     Yard cranes  
 Reach stacker operators     Other   
 Straddle carrier drivers

**The training is provided:**     On an individual basis     To groups of people (max:  ; min:  )

**Where are the courses held?**     Classroom     On site, on board the vehicle (truck)  
 On site, at the port     Virtually (e.g., e-learning platforms)



### 2.3 Section 3: Activities carried out

In this section it is asked to indicate in which area, among safety improvements, environmental improvements, productivity improvements, the activity realized falls. In particular, using a graduated scale from 1 (extremely) to 5 (not at all), it is asked to indicate the most representative value of the area with reference to the performed activity.

It is then asked to give a brief description of the activity carried out in relation to the areas of reference.

Organizations that own driving simulators (truck simulator, port crane simulator, simulation apps and software, ...) are asked to specify their field of use (e.g.: research, training, classes, ...) and the number of units.

Finally, it is requested to indicate any awards or recognitions received for the activity carried out and particular innovative aspects of the activities provided by the company (innovative equipment, collaborative platforms, participation in living labs, ...).



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## SECTION 3: ACTIVITIES CARRIED OUT

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.) FALLS UNDER WHICH OF THE FOLLOWING HEADINGS. *Indicate for each heading the most suitable value ranging from 1 (extremely) to 5 (not at all):***

	1	2	3	4	5
<b>SAFETY IMPROVEMENTS:</b>					
Improving transport and performance in terms of safety (e.g., improving the human-machine interface, reducing fatigue, reducing the likelihood of accidents, etc.)	<input type="checkbox"/>				
<b>ENVIRONMENTAL IMPROVEMENTS:</b>					
Reducing the environmental impact of transport and port activities (e.g., eco-driving)	<input type="checkbox"/>				
<b>PRODUCTIVITY IMPROVEMENTS:</b>					
Improving the operator's performance in carrying out tasks	<input type="checkbox"/>				

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands (if possible, also attach supporting material):*

**SAFETY IMPROVEMENTS:**

**ENVIRONMENTAL IMPROVEMENTS:**

**PRODUCTIVITY IMPROVEMENTS:**



**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR. IF YOU HAVE ALREADY FILLED IT OUT IN SECTION 2, YOU CAN LEAVE IT BLANK UNLESS YOU HAVE SOMETHING TO ADD.**

	<b>N. of units</b>	<b>Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)</b>
<input type="checkbox"/> <b>Truck Simulator</b> <i>(simulator that physically reproduces the environment and technology of the driver's cab of a professional vehicle using real equipment)</i>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Port crane simulator</b> <i>(simulator that physically reproduces the environment and technology of the crane's cab of a professional portainer using real equipment)</i>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Simulation apps and software</b> <i>(Software-only simulator with no physical equipment)</i>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>	<input type="text"/>

**HAS THE ORGANIZATION/INSTITUTION/CENTRE EVER RECEIVED AN AWARD OR ACKNOWLEDGEMENT FOR ITS ACTIVITIES? IF SO, TELL US.**

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** *(Multiple options are selectable):*

**Innovative Equipment** *(Please specify)*

**Collaborative platforms** *(Please specify)*

**Participation in living labs** *(Please specify)*

**Other**



## 2.4 Section 4: Projects

In this section the organization is asked whether it has ever been involved in other projects concerning advanced training activities for port and transport personnel, with or without the use of simulators. If yes, they are also asked to provide information regarding the most relevant projects (project name, funder, role in the project, ...).

### SECTION 4: PROJECTS

**Has the organisation/institution/centre ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes

No

*If YES, please provide information regarding the most relevant project(s):*

#### PROJECT 1

PROJECT NAME	<input type="text"/>
PROJECT FUNDED BY	<input type="text"/>
ROLE IN THE PROJECT	<input type="checkbox"/> Lead beneficiary <input type="checkbox"/> Partner <input type="checkbox"/> Associate Partner
IMPLEMENTATION PERIOD	From <input type="text"/> to <input type="text"/>
WEBSITE	<input type="text"/>

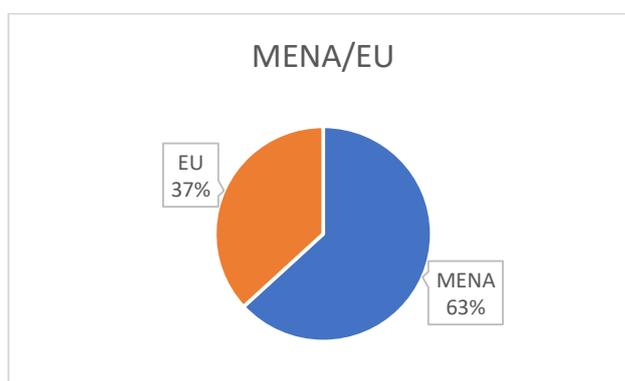


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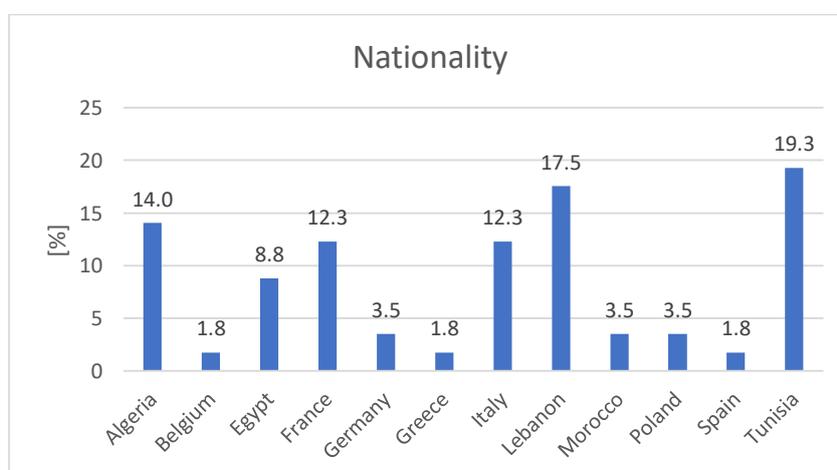
## 3. Results of the analysis for Annex 1

### 3.1 Section 1: General information

The number of subjects, organizations and operators involved in research, simulation and training activities for port and transport operators who responded to the questionnaire was 57. Of the 57 questionnaires, 36.8% came from EU subjects/organizations and 63.2% from MENA ones.



The following graph shows the nationality of the 57 participating subjects/organizations.





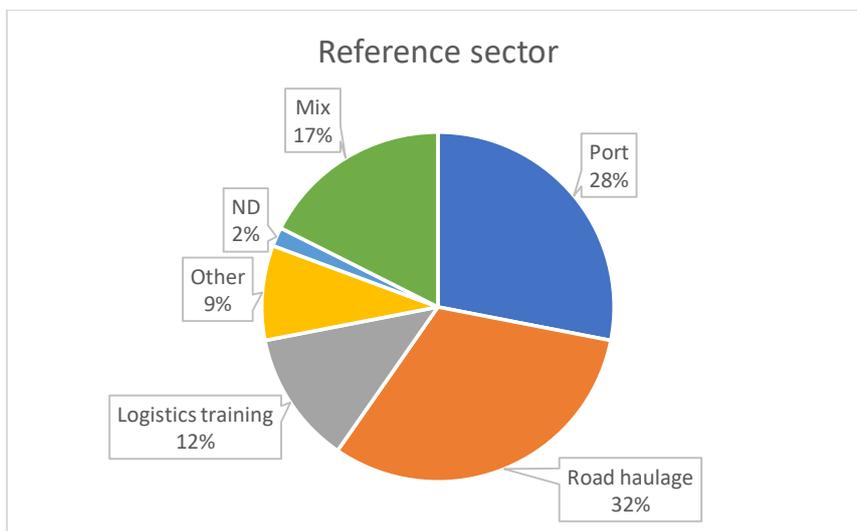
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As can be seen, 19.3% of the questionnaires came from Tunisia, 17.5% from Lebanon and 14.0% from Algeria.

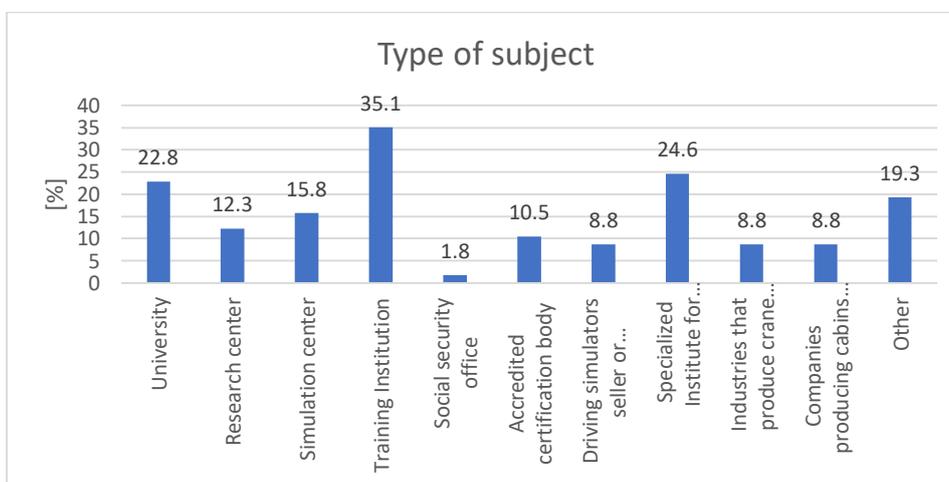
As for the EU area, 12.3% of the questionnaires came from Italy and 12.3% from France.

The following graph highlights the areas of operation of the subjects analyzed:

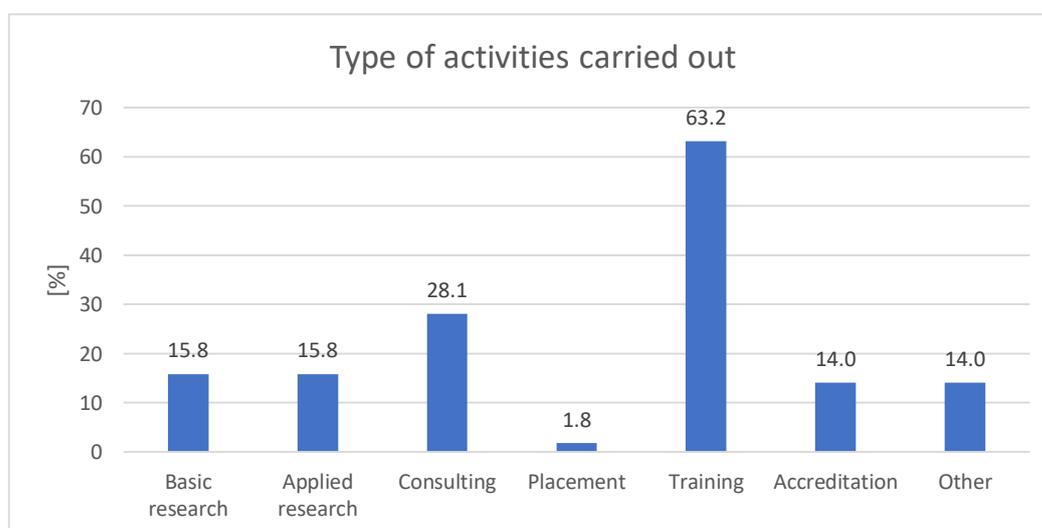
- 31.6% operate exclusively in the field of trucking
- 28.1% operate exclusively in the port sector
- 12.3% are involved in the logistics training sector
- 17.5% operate in more than one sector (mix)
- 8.8% do not fall into any of the above sectors
- 1.8% do not declare their field of activity.



Analyzing the most relevant data with reference to the type of organization, it can be stated that 35.1% of the respondents belong to the category of Training institutions; 24.6% are specialized institutions for training, refreshing and upgrading activities for trucking and/or port personnel. Universities follow with 22.8%, while the remaining categories are indicated in percentages below 20%.



With reference to the type of activity carried out in the area of advanced training and simulation for ports and transport activities, it emerged that training activity is carried out by 63.2% of the organizations surveyed. Far lower was the consultancy activity (carried out by only 28.1%). Equal percentages (15.8%) were recorded for basic and applied research. Below is the graph 'Type of activity' carried out by the respondents and the relative percentages.

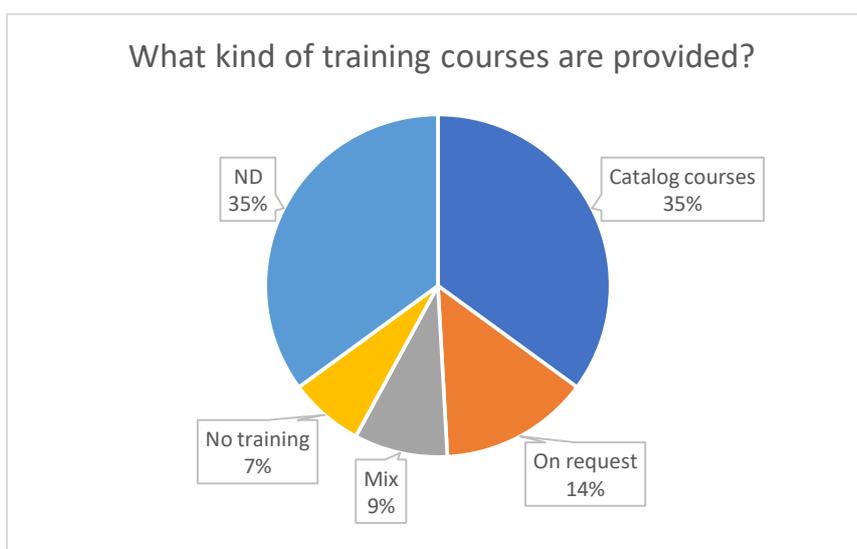




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## 3.2 Section 2: Training

Concerning the section on training, and in particular the type of courses provided, it emerged that 35.1% of the organizations provide catalogue courses, 14.0% courses on demand, 8.8% both (mix) while 7.0% do not provide training. In 35.1% of the questionnaires this question was not answered.

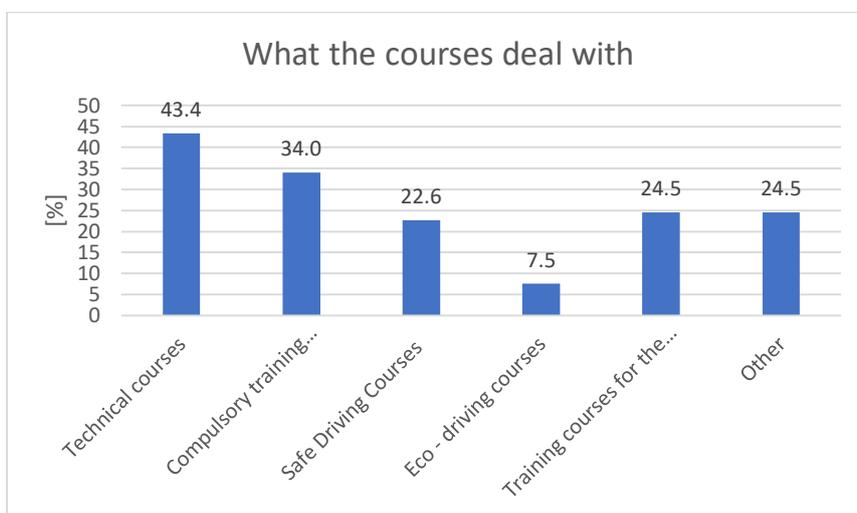


The following are the types of courses provided by the training organizations surveyed:

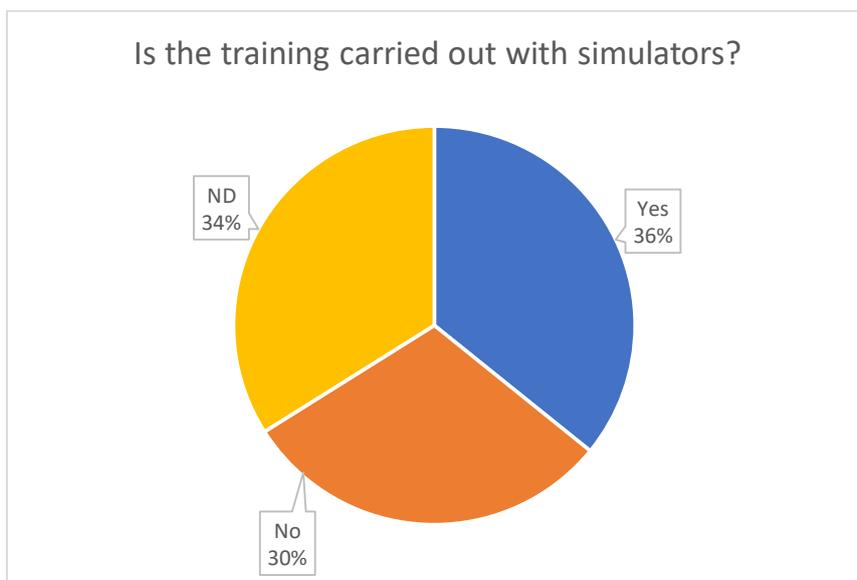
- 43.4% of the organisations organize technical courses
- 34.0% organise compulsory training courses for obtaining licences/qualifications
- 24.5% provide training courses for the unemployed/unemployable
- 22.6% organise safe-driving courses
- 7.5% organise eco-driving courses
- 24.5% organise other courses.



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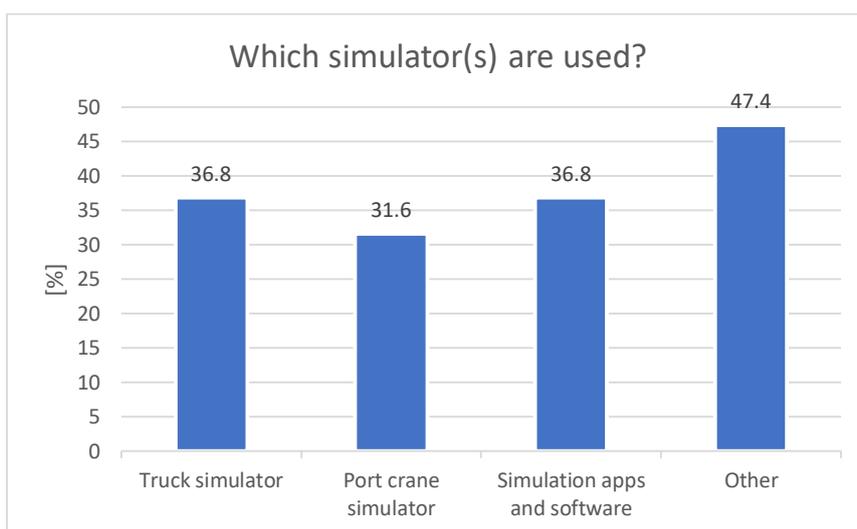


Looking at innovative training technologies, it can be stated that 35.8% of the training organizations surveyed carry out training with simulators, while 30.2% do not use simulators in their training courses. 34.0% do not provide an answer.

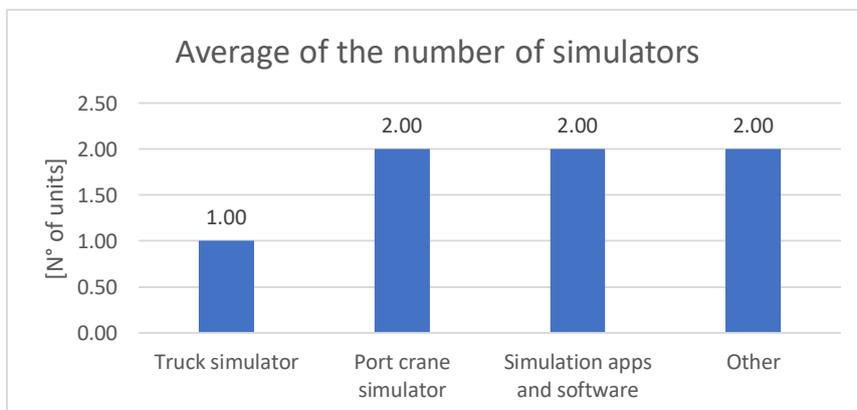




With reference to the type of training carried out with simulators, 36.8% of the companies indicate that they carry out training with truck simulator(s), 31.6% use port crane simulator(s), 36.8% use simulation applications and software, while 47.4% state that they use other types of simulators.



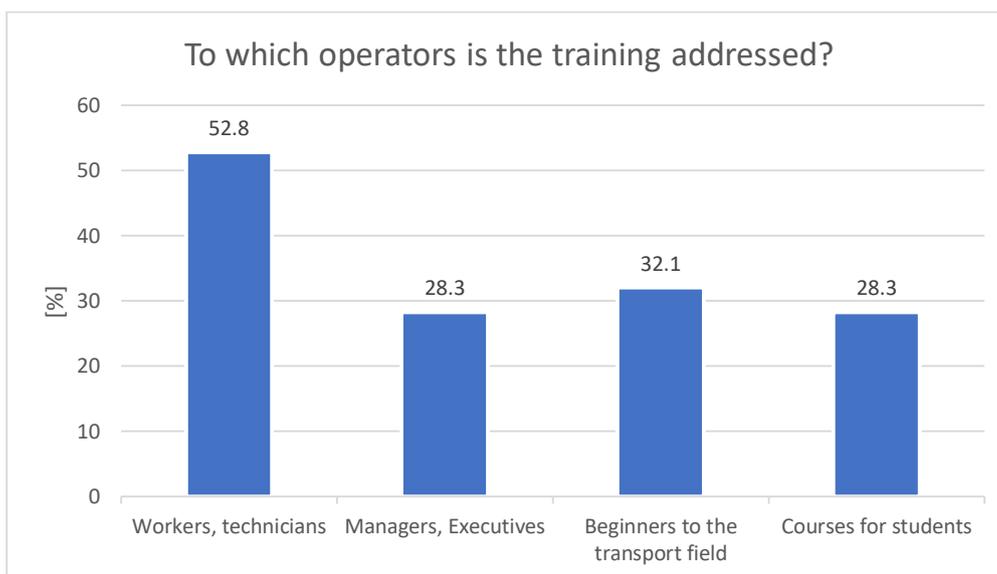
Among those who also indicated the number of simulators in the company, the average number of truck simulator units is 1, of port crane simulators is 2, as well as that of simulation apps and software.





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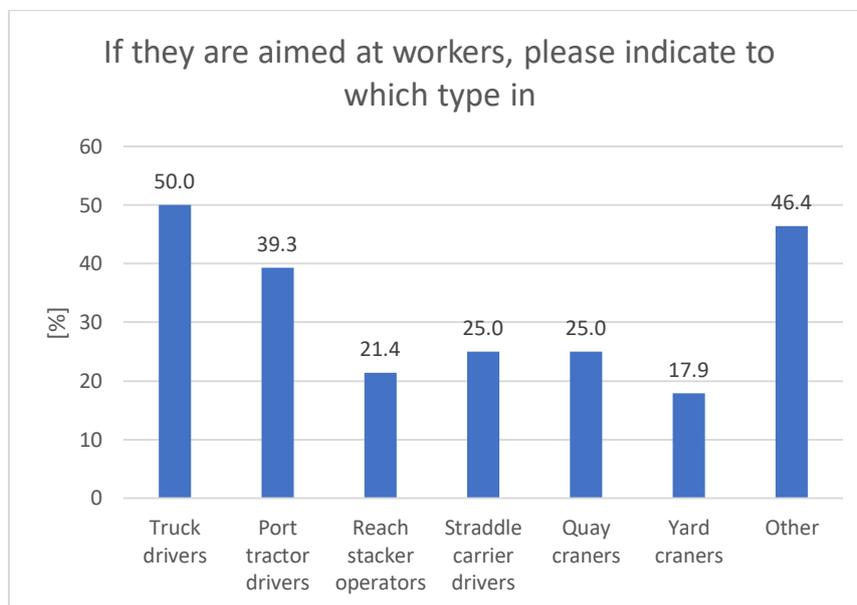
52.8% of the subjects surveyed provide training to workers and technicians, 32.1% to beginners in the field of transport, 28.3% to managers and executives, and 28.3% to students.



In particular, if we refer to the training aimed at workers/technicians, we can see that 50.0% of these are truck drivers, 39.3% port tractor drivers, 25.0% straddle carrier drivers, 25.0% quay cranes, 21.4% reach stacker operators, and 17.9% yard cranes. 46.4% do not fall into any of the above categories.



# TECHLOG



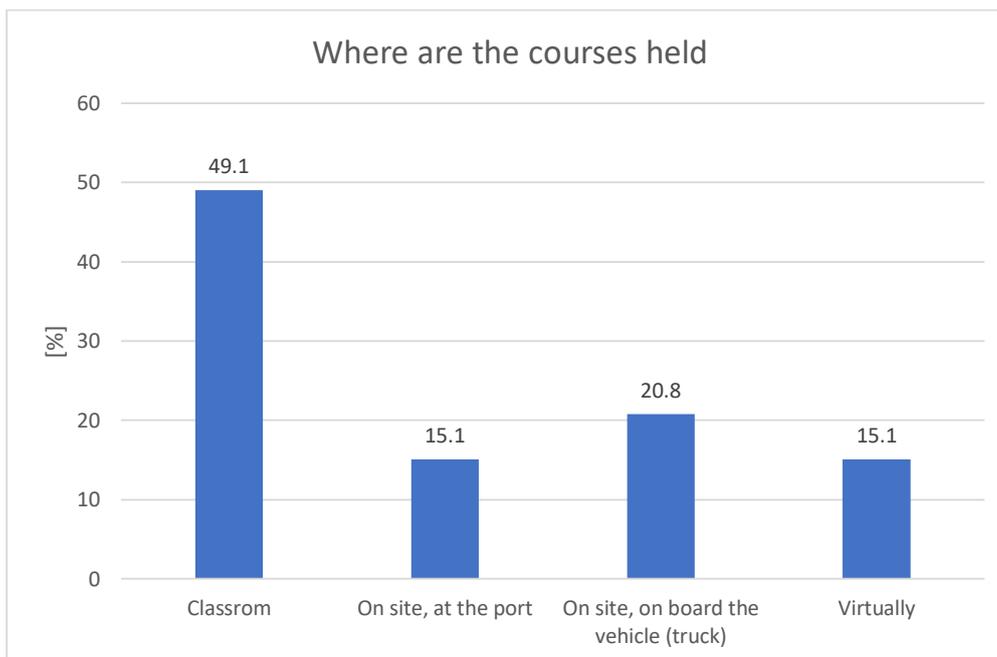
32.1% of the organizations who claim to perform training explain they carry out the training for groups of 7-10 people, 3.8% on an individual basis, while 15.1% provide training in both mode.





# TECHLOG

As for the location of the training, it can be seen that the majority of institutions carry out the training in the classroom (49.1%); 20.8% on site in the vehicle; 15.1% on site at the port, while in 15.1% of cases the training is carried out virtually (e-learning platforms).



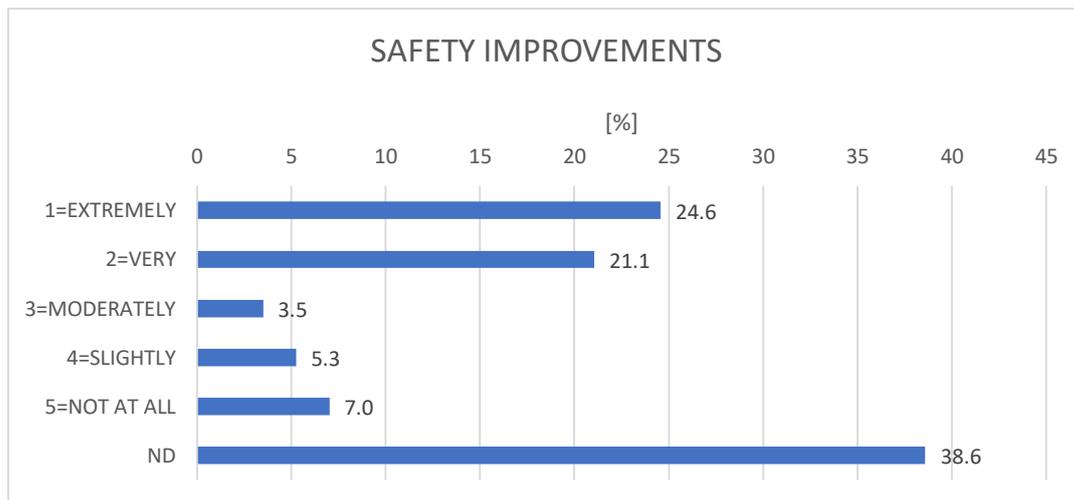


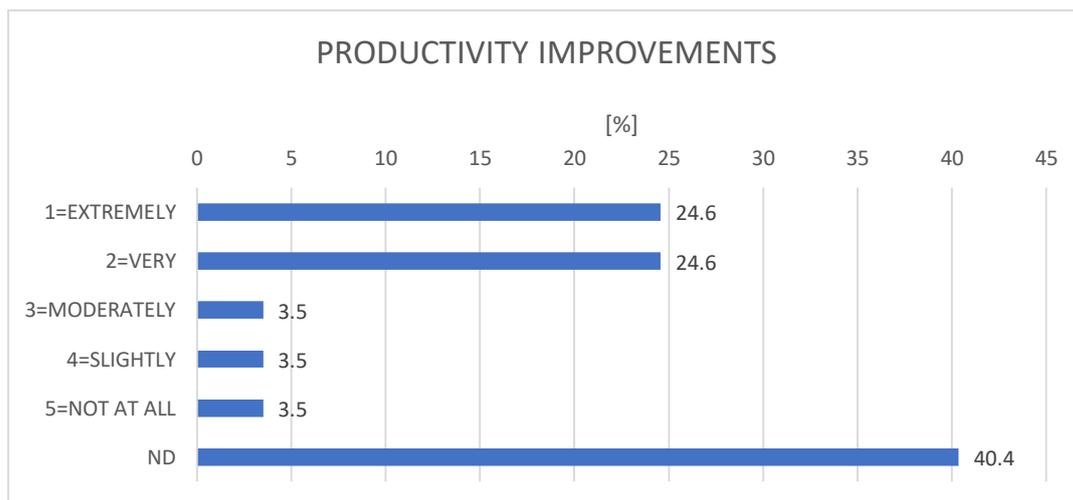
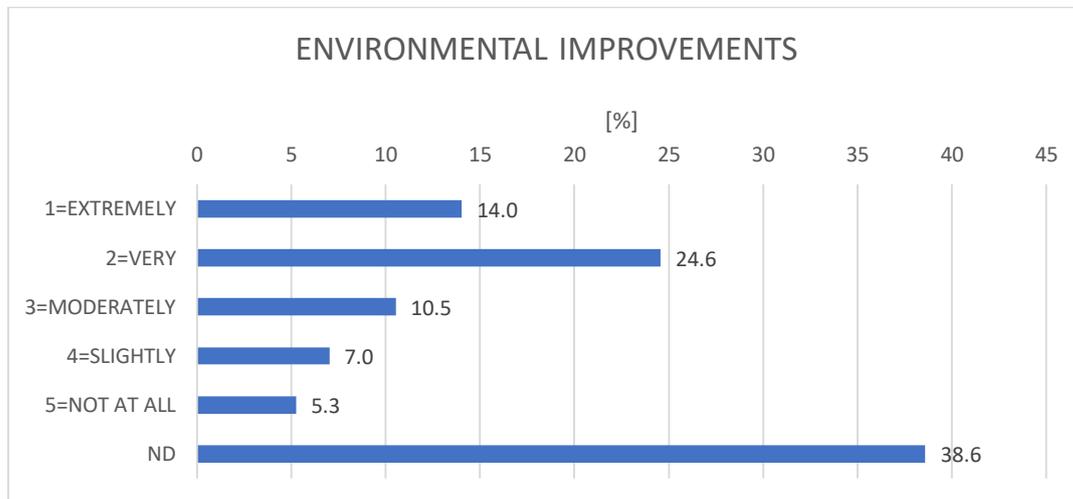
# TECHLOG

### 3.3 Section 3: Activities carried out

As can be seen from the graphs shown, most of the organizations surveyed (whether research, training, consulting, simulator design and sales) carry out activities aimed at improving logistics activities in terms of safety (reducing accidents), efficiency (increasing productivity) and environmental sustainability (reducing transport consumption and associated emissions). This is demonstrated by the fact that the average score assigned to each area of improvement is close to 2 = 'very', specifically 2.17 for safety, 2.43 for environmental and 1.94 for productivity.

It can be seen that all three spheres play a major role for the respondents, with a slight predominance of actions aimed at increasing productivity, probably due to market demands. The individual areas for improvement are shown in the figures below:



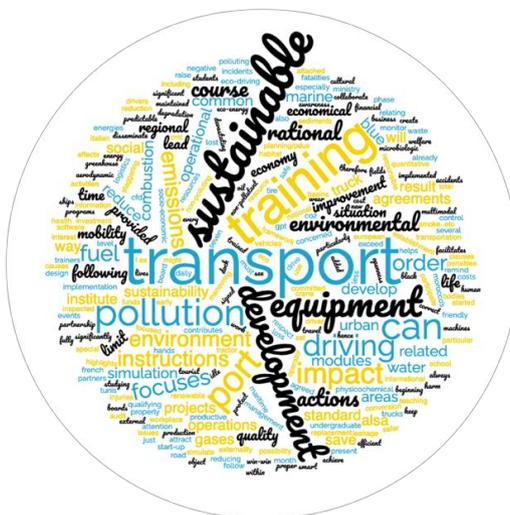


Of the 57 research organizations surveyed, only 29.8% gave a brief description of their activities in relation to safety improvements. Most of them indicated advanced staff training, the organization of specific courses, as well as vehicle maintenance. Some also indicated support for activities through state-of-the-art technology, safety management system certifications, and proper planning of activities.



Of the 57 organizations surveyed, 33.3% provided information on the good practices they adopt in the environmental field. From what emerges, some of them train operators for a more efficient, economical and environmentally friendly driving, others organize courses on environmental sustainability, others monitor pollutant emission limits (e.g., through proper maintenance of vehicles and the use of technology to control correct driving patterns) and encourage the use of environmentally friendly fuels. Some also mention collaboration between stakeholders and their participation in sustainable development projects and investments.

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Finally, 29.8% of the organizations indicate the main activities carried out in the area of productivity. These include advanced operator training, the support of technology aimed at increasing productivity, control and monitoring activities (through KPIs, statistical analysis, etc.) and the organization of training courses, as well as the control of equipment.



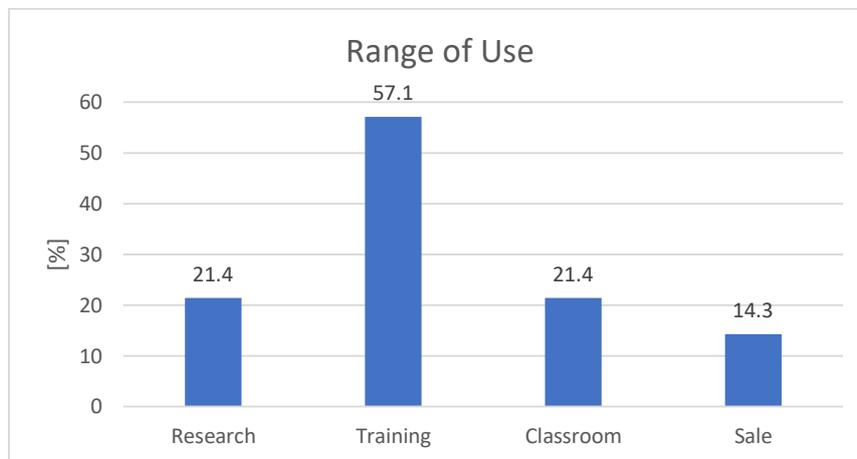
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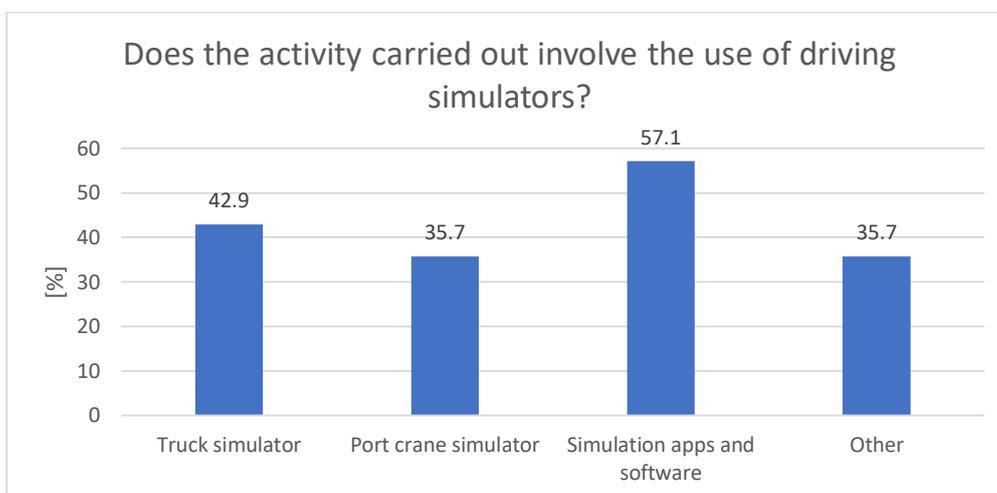
# TECHLOG

In the next question, the respondents were asked whether their activity involved the use of driving simulators. The purpose of the question was to establish whether - among the organizations involved in the survey - there were any in possession of simulators intended for uses other than training.

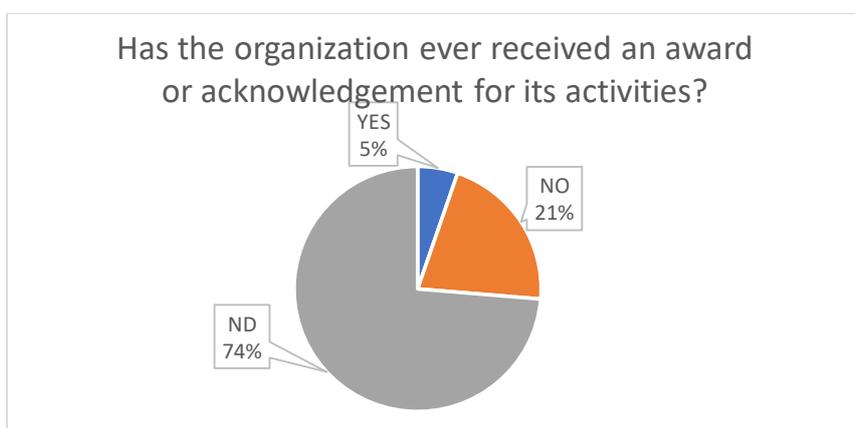
Only 24.6% of the organizations answered this question. 57.1% of them use simulators for training activities, 21.4% for classroom courses, 21.4% for research activities, and 14.3% for commercial purposes.



As for the type of simulator used, 42.9% of the subjects surveyed use truck simulator(s), 35.7% use port crane simulator(s), 57.1% use apps and simulation software, and 35.7% use other types of simulators.



Moreover, of the 57 organizations surveyed, only 5.3% claimed to have received awards or recognition for their activities, 73.7% did not answer this question. The recognition obtained consists of a certification attesting the quality of the activities carried out by the company.

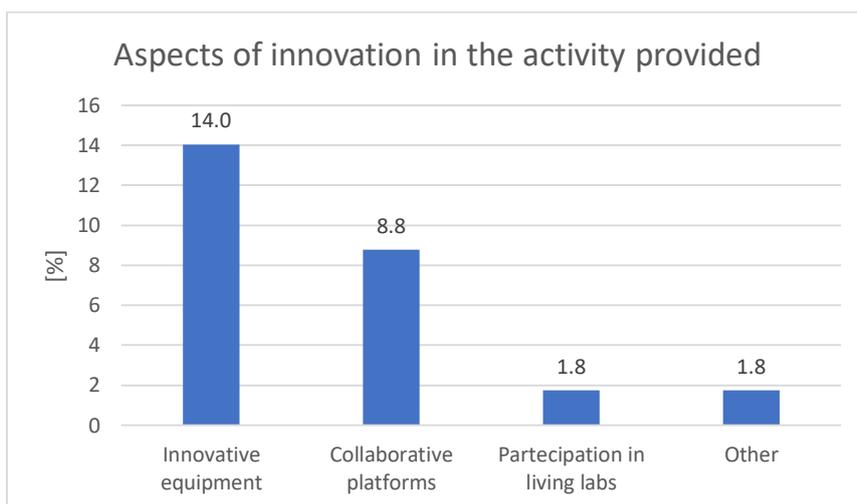


Only a few organizations provide information regarding the innovation aspects of their activities: 14.0% possess innovative equipment (such as augmented reality tools, 3D glasses, collaborative robots, diagnostic benches, radar and GPS platforms, innovative software), 8.8% make use of collaborative platforms (such as Google Transit, DELFI, Click and Cargo, Networked Logistics Hubs), 1.8% participate in a living lab, and 1.8%



## TECHLOG

have introduced innovative aspects of another nature (hackathons, international co-creation and virtual innovation events, etc.).





### 3.4 Section 4: Projects

Only 15.8% of the entities surveyed declare their involvement in other projects concerning advanced training for port or transport personnel, with or without the use of simulators. Below is the list of the projects mentioned:

- "A Comparative Study between Fire Fighting training using VR Simulation Techniques and Hands-on Training for Port Community", lead beneficiary; funded by AASTMT (1 April 2022 - 30 March 2024);
- "Daf trucks training", funded by Tracksparco, 2018 ([www.daf.com](http://www.daf.com));
- "VET.PORT" (<http://www.vetport.eu>, <https://it-it.facebook.com/Vet.portproject>);
- "EU-PORTRAITS" European PORTWORKERS TRAINing Scheme (<http://www.euportraits.eu/>, <https://cordis.europa.eu/project/id/605338>);
- "TRANSPOGOOD - TRANSPORT of GOODS PLATFORM" (<https://www.italy-croatia.eu/web/transpogood>);
- "Yep med", 2020-2023, partner ([www.enicbcmed.eu](http://www.enicbcmed.eu));
- CMES West med', 2018-2021, partner ([www.westmed-initiative.eu](http://www.westmed-initiative.eu));
- "CMES WESTMED Common Maritime Education Standards in the West Mediterranean", 2017-2019, associate partner (<https://cmeswm.eu/>);
- "Highway and traffic engineering: curricular reform for the Mediterranean area, HiT4Med", TEMPUS project, 2014-2018, partner (<https://www.hit4med.eu>);
- "YEP-MED - ENI CBCMED", EU, 2020-2023, associate partner (<https://www.enicbcmed.eu/fr/projets/yep-med>);
- "MedSkippers", EU, 2018-2021 ([https://cinea.ec.europa.eu/featured-projects/medskippers\\_en](https://cinea.ec.europa.eu/featured-projects/medskippers_en)), partner;
- "Cmes-west med", EU, partner (<https://cmeswm.eu/>).





Annex 3 was used to survey websites, blogs (and similar) resulting from a project or containing exchanges of data, experiences, guidelines on the topic of advanced training and simulation for port and road transport personnel.

Below is the form used.

### ANNEX 3: DATA COLLECTION FORM

**THIS FORM MUST BE USED TO SURVEY WEBSITES/BLOGS/COLLABORATIVE PLATFORMS RESULTING FROM A PROJECT OR CONTAINING EXCHANGES OF DATA, EXPERIENCES, GUIDELINES ON THE TOPIC OF ADVANCED TRAINING AND SIMULATION FOR PORT AND ROAD TRANSPORT PERSONNEL.**

**WEB ADDRESS:**

**WHAT IS ABOUT?:**

Blog
  Collaborative platform  
 Training Platforms
  Other

**MAIN TOPICS COVERED:**

**WHAT DOES IT COLLECT?** (Multiple options are selectable):

Opinions
  Experiences  
 Statistics
  Data  
 Regulations
  Best Practices  
 Other



## Appendices

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## Appendix 1: Inception report



### WORK PACKAGE 3

#### ANALYSIS OF THE STATE OF ART AND PRACTICE IN THE FIELD OF ADVANCED TRAINING AND SIMULATION FOR PORT AND TRANSPORT ACTIVITIES

### INCEPTION REPORT N.1

<b>Drafted by:</b>	<b>WP3 Coordinator: University of Cagliari – CIREM</b>
<b>Date:</b>	<b>December 10th, 2021</b> <b>Revised December 21st, 2021</b>

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## PREFATORY NOTE

This document intends to support the partnership in the correct implementation of WP3 “Analysis of the state of art and practice in the field of KETs for transport and port activities”.

The purpose of WP3 is twofold:

- to identify existing innovation practices, in the Euro-Med area, in the field of advanced simulation and training for port and transport activities, and analyze their potential implications on human factors, safety and environment
- to evaluate the transferability of the identified practices to a selection of Euro-Med transport and port operators who can benefit from such transfer to improve their performance in terms of productivity, safety and environmental impact.

To reach its goals, WP3 consists of 3 main activities:

- A3.1: Analysis of the state of art and practice in the field of advanced simulation and training for transport and port workers and identification of the leading organizations and research centers in the field
- A3.2: Identification of the Euro-Med transport and port operators/enterprises who can benefit from the transfer of the identified practices
- A3.3: Appraisal of the transferability of the identified practices to the selected subjects on the basis of their needs.

This document focuses only on activities A3.1 and A3.2 while activity A3.3, which will involve only the three academic partners (Unica-CIREM, ASSTMT, University of Sfax), will be analyzed in a second step.

In the following pages, the activities A3.1 and A3.2 will be specified in terms of objectives, targets, partner roles, time schedule for the completion of the task, and forms to be used for collecting information.



## 1. GUIDELINES FOR THE DEVELOPMENT OF THE ACTIVITY A3.1

**Activity A3.1** aims to analyze the state of the art and practice in the field of advanced training via simulation, and the potential implications on safety, efficiency, and the environment.

**IMPORTANT:** It is worth highlighting that this activity allows you to start getting in touch with the network of stakeholders who will have to be involved in the subsequent phases of the project. In this regard, the survey to be carried out in the context of A3.1 should also be used as an opportunity to start getting in touch with the project target groups for their active involvement in the subsequent phases of the project.

### 1.1 GUIDELINES FOR IMPLEMENTATION OF ACTIVITY A3.2

#### ▪ What are we interested in?

We are interested in taking a census (and collecting related information) of the organizations/operators in the Euro-Mediterranean area who carry out advanced training or research activities for port and transport personnel, particularly those that use driving simulators.

#### ▪ Are we also interested in project experiences in the field of advanced training and simulation for port and transport personnel?

Yes, in this activity we also want to analyze both past and ongoing projects and initiatives dealing with advanced training and simulation for port and transport activities.

#### ▪ What are the elements and subjects to survey?

The survey involves:

#### A) Subjects, organizations, operators involved in research, simulation and training activities for port and transport operators, specifically:

- **Universities**, and specifically those departments and schools that are involved in research activities (both basic or applied) and/or training activities for port and transport operators, also using driving simulators.
- **Research centers**, both public and private, that are involved in research activities and/or advanced training for port and transportation personnel, also using driving simulators.
- **Simulation centers**, both public and private, that are involved in research activities and/or advanced training for port and transportation personnel, also using driving simulators.
- **Training institutions** for ports and road transport activities.
- **Social security offices** dealing with training activities to improve the safety of port and transport workers.
- **Accredited certification bodies** for the issue of qualifications related to port work and road haulage licenses.

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- **Specialized Institutes** that provide training, refreshing, and upgrading activities for road haulers and/or port staff.
- **Industries** that produce crane cabins and other port equipment
- **Companies** that sell and / or produce driving simulators for port and transportation personnel.
- **Companies** that manufacture crane cabins and other port equipment
- **Companies** producing cabins for trucks and heavy vehicles
- **Any other body/organization** involved in the provision of training activities for port and road haulage personnel.

**B) Projects/initiatives (completed or ongoing) dealing with advanced training and simulation for port and road haulage personnel.**

**C) Websites/blogs/collaborative platforms resulting from a project or containing exchanges of data, experiences, guidelines on the topic of advanced training and simulation for port and road transport personnel.**

▪ **How to develop the analysis?**

Our suggestion is to develop the survey according to the three main phases below:

- Step 1: preliminary identification of the subjects/initiatives of interest using on-desk research and in-house knowledge
- Step 2: using the provided forms, collection of the information available on the internet or in the related literature
- Step 3: direct interviews (email, face-to-face, virtual, telephone, etc.) to acquire any missing information necessary to complete the forms, and to establish direct contact with a representative of the entity surveyed

▪ **What are the information to collect?**

The collection of information must be carried out using the data collection forms developed by Unica- CIREM, coordinator of the activity:

- **Annex 1:** this form must be used to survey the subjects listed in point A that carry out activities in the field of advanced training and simulation for ports and transport activities.  
**IMPORTANT:** it is preferable that the survey is of the accompanied type, the interviewer uses the form to collect the information of interest and proceeds to compile it.
- **Annex 2:** this form must be used to survey the projects/initiatives (both completed and ongoing) dealing with advanced training and simulation for ports and road haulage personnel.
- **Annex 3:** this form must be used to survey the websites/blogs (and similar) resulting from a project or containing exchanges of data, experiences, guidelines on the topic of advanced training and simulation for port and road transport personnel.

**Note: to facilitate the survey work, all annexes are in editable pdf format.**

## 1.2 PARTNERS' ROLE

The activity is coordinated by Unica – CIREM.

The partners involved and their role in the survey are detailed in the role matrix reported below:

A3.1 – ROLE MATRIX	APPL Unica	PP1 CCIAA MATI	PP2 AASTMT	PP3 EEIG	PP4 CEEBA	PP5 CCIA BML	PP6 Alex Chamber	PP7 CCI Sfax	PP8 Uni Sfax
<i>Census and data collection of organizations/operators who carry out advanced training or research activities using driving simulators for port and transport personnel</i>	For EU area		For Egypt, Morocco, Algeria	For Spanish area	For Libya, Lebanon	Support AAST/CEEBA in the analysis for the Lebanese area			For Tunisian area
<i>Census and data collection of projects/initiatives (completed or ongoing) dealing with advanced training and simulation for port and road haulage personnel</i>	For EU projects		For MENA projects (Egypt, Morocco, Algeria)	For Spanish projects	For MENA projects (Libya, Lebanon)	Support AAST/CEEBA in the analysis of the Lebanese projects			For Tunisian projects
<i>Census and data collection of web sites/web platforms resulting from a project or containing exchanges of data, experiences, guidelines on the topic of advanced training and simulation for port and road transport personnel.</i>	For EU		For Egypt, Morocco, Algeria	For Spain	For Libya, Lebanon	Support AAST/CEEBA in the analysis of the Lebanese initiatives			For Tunisia

### 1.3 DEADLINES FOR ACTIVITY A3.1

The following table shows the time schedule of activity A3.1, detailing the intermediate deadlines.

For the correct development of the project, it is essential that all partners respect the indicated time plan. We invite you to contact the WP3 coordinator (Unica-CIREM) immediately should any critical issues arise that could lead to an extension of the expected time.

TASK	DEADLINE
1. Start of activities (according to the role matrix reported in paragraph 1.2)	The day after receiving this inception report
2. Sending to the W3P coordinator (Unica-CIREM) the list of potential targets identified - Step 1 of activity A3.1	By January 7 <sup>th</sup> , 2022
3. Sending to the WP3 coordinator (Unica-CIREM) a progress status of the activity (n. of organizations/projects surveyed, type of data obtained so far, criticalities, etc.)	By January 23 <sup>rd</sup> , 2022
4. All partners receive feedback from the WP3 coordinator (Unica-CIREM) on the activity carried out until then	By the end of January 2022
6. All partners send to the WP3 coordinator (Unica-CIREM) a summary report of the activity and a copy of the data collection forms completed	By mid-March 2022
7. All partners receive feedback and any request for integration from the WP3 coordinator (Unica-CIREM)	By the end of March 2022
8. Partners send integrations and the last completed forms to the WP3 coordinator (Unica-CIREM)	By April 15 <sup>th</sup> , 2022
9. Drafting of the final report (O3.1) by the WP3 coordinator (Unica-CIREM)	By the end of April, 2022



## 2. GUIDELINES FOR THE DEVELOPMENT OF THE ACTIVITY A3.2

**Activity A3.2** aims to identify the Euro-Med transport and port operators who can benefit from advanced training and simulation to improve their performance in terms of productivity, safety, and environmental impact.

**IMPORTANT:** It is worth highlighting that this activity allows you to start getting in touch with the network of stakeholders who will have to be involved in the subsequent phases of the project. In this regard, the survey to be carried out in the context of A3.2 should also be used as an opportunity to start getting in touch with the project target groups for their active involvement in the subsequent phases of the project.

### 2.1 GUIDELINES FOR IMPLEMENTATION OF ACTIVITY A3.2

#### ▪ What are we interested in?

We are interested in taking a census (and collecting related data) of the port and transport subjects/organizations, in the Euro-Mediterranean area, and their specific needs in the areas of innovation for growth, for safety, for the environment.

#### ▪ Who are the subjects of our survey?

The subjects to be surveyed and analyzed are the following:

- **Trucking companies (haulers)**
- **Professional associations of haulers**
- **Port workers companies**
- **Professional associations of port workers**
- **Container Terminal Operators**
- **Port authorities**

#### ▪ How to develop the analysis?

Our suggestion is to develop the survey according to the three main phases below:

- Step 1: preliminary identification of the subjects/initiatives of interest using on-desk research and in-house knowledge
- Step 2: using the provided forms, collection of the information available on the internet or in the related literature
- Step 3: direct interviews (email, face-to-face, virtual, telephone, etc.) to acquire any missing information necessary to complete the forms, and to establish direct contact with a representative of the organization surveyed

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▪ **What are the information to collect?**

The collection of information must be carried out using the data collection form developed by the coordinator of the activity:

- **Annex 4:** this form must be used to survey the above listed subjects/organizations, which may be interested in technology transfer in the field of advanced training and simulation for ports and transport activities.

**IMPORTANT:** it is preferable that the survey is of the accompanied type, the interviewer uses the form to collect the information of interest and proceeds to compile it.

**Note:** to facilitate the survey work, the annex is in editable pdf format.

## 2.2 PARTNERS' ROLE

The activity is **coordinated by Unica – CIREM**.

The partners involved and their role in the survey are detailed in the role matrix reported below:

A3.2 – ROLE MATRIX	APPL Unica	PP1 CCIAA MATI	PP2 * AASTMT	PP3 EEIG	PP4 CEEBA	PP5 CCIA BML	PP6 * Alex Chamber	PP7 CCISfax	PP8 UniSfax
<b>Census and data collection of subjects/organizations related to the <u>port sector</u></b>	Activity coordination	For Italian area	For Egyptian area*	For Spanish area		For Lebanese area	For Egyptian area*		For Tunisian area
<b>Census and data collection of subjects / organizations related to the <u>road transport sector (road haulers)</u></b>	Activity coordination	For Italian area	For Egyptian area	For Spanish area		For Lebanese area		For Tunisian area	

**\*PP2 Arab Academy will need to coordinate with PP6 to carry out the survey, as they work on the same reference area**

### 2.3 DEADLINES FOR ACTIVITY A3.2

The following table shows the time schedule of activity A3.2, detailing the intermediate deadlines.

For the correct development of the project, **it is essential that all partners respect the indicated time plan.**

We invite you to contact the WP3 coordinator (Unica-CIREM) immediately should any critical issues arise that could lead to an extension of the expected time.

TASK	DEADLINE
1. <i>Start of activities (according to the role matrix reported in paragraph 2.2)</i>	The day after receiving this inception report
2. <i>Sending to the WP3 coordinator (Unica-CIREM) the list of potential targets identified - Step 1 of activity A3.2</i>	By January 7 <sup>th</sup> , 2022
3. <i>Sending to the WP3 coordinator (Unica-CIREM) a progress status of the activity (n. of subjects surveyed, type of data obtained so far, criticalities, etc.)</i>	By January 23 <sup>rd</sup> , 2022
4. <i>All partners receive feedback from the WP3 coordinator (Unica-CIREM) on the activity carried out until then</i>	By the end of January 2022
6. <i>All partners send to the WP3 coordinator (Unica-CIREM) a summary report of the activity and a copy of the data collection forms completed</i>	By mid-March 2022
7. <i>All partners receive feedback and any request for integration from the WP3 coordinator (Unica-CIREM)</i>	By the end of March 2022
8. <i>Partners send integrations and the last completed forms to the WP3 coordinator (Unica-CIREM)</i>	By April 15 <sup>th</sup> , 2022
9. <i>Drafting of the final report (O3.2) by the WP3 coordinator (Unica-CIREM)</i>	By the end of April, 2022

## Appendix 2: Data collection form of Annex 1, Annex 2 and Annex 3



Compiler :   
Email:

### ANNEX 1: DATA COLLECTION FORM

THIS ANNEX MUST BE USED TO SURVEY THE RESEARCH ORGANIZATIONS, TRAINING INSTITUTIONS, SIMULATION CENTERS, AND OTHER ENTITIES THAT CARRY OUT ADVANCED TRAINING OR RESEARCH ACTIVITIES FOR PORT AND TRANSPORT PERSONNEL, PARTICULARLY THOSE THAT USE DRIVING SIMULATORS.

#### SECTION 1: GENERAL INFORMATION

Name of the organization:

Address (street, city, country):

Website:

Reference person:

Name and surname:

Email:

Telephone:

REFERENCE SECTOR:  Ports  Road haulage  Other

TYPE OF SUBJECT (Multiple options are selectable):

- University  Research center  Simulation center  Training institution
- Social security office  Accredited certification body  Driving simulators seller or manufacturer
- Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff
- Industries that produce crane cabins and other port equipment
- Companies producing cabins for trucks and heavy vehicles
- Other

TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities) Multiple options are selectable:

- Basic research  Applied research  Consulting  Placement
- Training  Accreditation  Other

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## SECTION 2: TRAINING

IF THE BUSINESS INCLUDES THE PROVISION OF **TRAINING COURSES** FOR PORT AND TRANSPORT PERSONNEL, COMPLETE SECTION 2 OTHERWISE GO TO SECTION 3.

**What kind of training courses are provided?** (Multiple options are selectable):

- Catalog courses     On request

**What the courses deal with** (Multiple options are selectable):

- Technical courses     Compulsory training courses for obtaining licenses/qualifications

- Safe Driving Courses     Eco-driving courses

- Training courses for the unemployed/unemployable     Other

**Is the training carried out with simulators?**     Yes     No

**If the answer to the previous question was YES, which simulator(s) are used?**

	N. of units
<input type="checkbox"/> <b>Truck Simulator</b> <i>(simulator that physically reproduces the environment and technology of the driver's cab of a professional vehicle using real equipment)</i>	<input type="text"/>
<input type="checkbox"/> <b>Port crane simulator</b> <i>(simulator that physically reproduces the environment and technology of the craner's cab of a professional portainer using real equipment)</i>	<input type="text"/>
<input type="checkbox"/> <b>Simulation apps and software</b> <i>(Software-only simulator with no physical equipment)</i>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>

**Indicate the characteristics of the courses provided** (Multiple options are selectable):

To which operators is the training addressed?     Workers, technicians     Beginners to the transport field  
 Managers, Executives     Courses for students

If they are aimed at workers, please indicate to which type in particular:  
 Truck drivers     Quay cranes  
 Port tractor drivers     Yard cranes  
 Reach stacker operators     Other   
 Straddle carrier drivers

The training is provided:     On an individual basis     To groups of people (max:  ; min: )

Where are the courses held?     Classroom     On site, on board the vehicle (truck)  
 On site, at the port     Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.) FALLS UNDER WHICH OF THE FOLLOWING HEADINGS. *Indicate for each heading the most suitable value ranging from 1 (extremely) to 5 (not at all):*

	1	2	3	4	5
<b>SAFETY IMPROVEMENTS:</b>					
Improving transport and performance in terms of safety (e.g., improving the human-machine interface, reducing fatigue, reducing the likelihood of accidents, etc.)	<input type="checkbox"/>				
<b>ENVIRONMENTAL IMPROVEMENTS:</b>					
Reducing the environmental impact of transport and port activities (e.g., eco-driving)	<input type="checkbox"/>				
<b>PRODUCTIVITY IMPROVEMENTS:</b>					
Improving the operator's performance in carrying out tasks	<input type="checkbox"/>				

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands (if possible, also attach supporting material):*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR. IF YOU HAVE ALREADY FILLED IT OUT IN SECTION 2, YOU CAN LEAVE IT BLANK UNLESS YOU HAVE SOMETHING TO ADD.

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input type="checkbox"/> <b>Truck Simulator</b> <i>(simulator that physically reproduces the environment and technology of the driver's cab of a professional vehicle using real equipment)</i>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Port crane simulator</b> <i>(simulator that physically reproduces the environment and technology of the crane's cab of a professional portainer using real equipment)</i>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Simulation apps and software</b> <i>(Software-only simulator with no physical equipment)</i>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>	<input type="text"/>

HAS THE ORGANIZATION/INSTITUTION/CENTRE EVER RECEIVED AN AWARD OR ACKNOWLEDGEMENT FOR ITS ACTIVITIES? IF SO, TELL US.

ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED *(Multiple options are selectable):*

Innovative Equipment *(Please specify)*

Collaborative platforms *(Please specify)*

Participation in living labs *(Please specify)*

Other

#### **SECTION 4: PROJECTS**

**Has the organisation/institution/centre ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes

No

*If YES, please provide information regarding the most relevant project(s):*

##### **PROJECT 1**

<b>PROJECT NAME</b>	<input type="text"/>
<b>PROJECT FUNDED BY</b>	<input type="text"/>
<b>ROLE IN THE PROJECT</b>	<input type="checkbox"/> Lead beneficiary <input type="checkbox"/> Partner <input type="checkbox"/> Associate Partner
<b>IMPLEMENTATION PERIOD</b>	From <input type="text"/> to <input type="text"/>
<b>WEBSITE</b>	<input type="text"/>

##### **PROJECT 2**

<b>PROJECT NAME</b>	<input type="text"/>
<b>PROJECT FUNDED BY</b>	<input type="text"/>
<b>ROLE IN THE PROJECT</b>	<input type="checkbox"/> Lead beneficiary <input type="checkbox"/> Partner <input type="checkbox"/> Associate Partner
<b>IMPLEMENTATION PERIOD</b>	From <input type="text"/> to <input type="text"/>
<b>WEBSITE</b>	<input type="text"/>

**PROJECT 3**

<b>PROJECT NAME</b>	<input type="text"/>
<b>PROJECT FUNDED BY</b>	<input type="text"/>
<b>ROLE IN THE PROJECT</b>	<input type="checkbox"/> Lead beneficiary <input type="checkbox"/> Partner <input type="checkbox"/> Associate Partner
<b>IMPLEMENTATION PERIOD</b>	From <input type="text"/> to <input type="text"/>
<b>WEBSITE</b>	<input type="text"/>



Compiler :

Email:

**ANNEX 2: DATA COLLECTION FORM**

THIS FORM MUST BE USED TO SURVEY THE PROJECTS/INITIATIVES (BOTH COMPLETED AND ONGOING) DEALING WITH ADVANCED TRAINING AND SIMULATION FOR PORTS AND ROAD HAULAGE PERSONNEL.

PROJECT NAME:

FUNDING PROGRAMME:

IMPLEMENTATION PERIOD:

PROJECT PARTNERSHIP:

PROJECT COORDINATOR:

PROJECT SUMMARY:

PROJECT GENERAL OBJECTIVE:

PROJECT SPECIFIC OBJECTIVES:

PROJECT WEBSITE:

NAME AND SURNAME

CONTACT PERSON:  EMAIL

TELEPHONE

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**OUTPUT 1:**



**OUTPUT 2:**



**OUTPUT 3:**



**OUTPUT 4:**





Compiler :

Email:

### ANNEX 3: DATA COLLECTION FORM

THIS FORM MUST BE USED TO SURVEY WEBSITES/BLOGS/COLLABORATIVE PLATFORMS RESULTING FROM A PROJECT OR CONTAINING EXCHANGES OF DATA, EXPERIENCES, GUIDELINES ON THE TOPIC OF ADVANCED TRAINING AND SIMULATION FOR PORT AND ROAD TRANSPORT PERSONNEL.

WEB ADDRESS:

WHAT IS ABOUT?:

Blog  Collaborative platform

Training Platforms  Other

MAIN TOPICS COVERED:

WHAT DOES IT COLLECT? (Multiple options are selectable):

- Opinions  Experiences  
 Statistics  Data  
 Regulations  Best Practices

Other

## Appendix 3: Completed questionnaires

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# 3.1 Survey on Mediterranean state of the art and practice in the field of ports and transport

**ENI CBC MED Programme  
Strategic Project**

**TECHLOG  
Technological Transfer for Logistics Innovation in  
Mediterranean Area**

Project details	
Thematic objective:	A.2 Support to education, research, technological development and innovation
Priority:	A.2.1 Technological transfer and commercialisation of research results
Countries:	Italy, Egypt, Spain, Lebanon, Tunisia

Total budget:	3.5 million €
EU contribution:	3.1 million €
Start date:	06 July 2021
End date:	31 December 2023
Official Website:	<a href="https://www.enicbcmed.eu/projects/techlog">https://www.enicbcmed.eu/projects/techlog</a>

Output details	
Output name:	3.1 Survey on Mediterranean state of the art and practice in the field of port and transport simulation
WP / WP number:	WP3 - Analysis of the state of art and practice in the field of advanced training and simulation for port and transport activities
Delivery due date:	
Actual date of submission:	
Partner responsible:	CIREM – University of Cagliari
Contributor(s):	PP1 - CCIAA MATI PP2 - AASTMT PP3 - EEIG PP4 - CEEBA PP5 - CCIA BML PP6 - Alexandria Chamber PP7 - CCI Sfax PP8 - Uni Sfax
Restriction level	Public/Restricted...

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: ALSA Group

Address (street, city, country): Ferme Ahzib Achayech Ferket Ain Dada Askejour - Saada / Marrakech

Website: <https://www.alsa.ma/en/marrakech/training-center>

#### TYPE OF SUBJECT

Simulation center, Training institution, Driving simulators seller or manufacturer

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians, Beginners to the transport field

If they are aimed at workers, please indicate which type in particular:

Truck drivers, Port tractor drivers

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

**SAFETY IMPROVEMENTS:**

To provide you the safest trip, we have placed a dynamic and engaged professional staff that has a long experience in the domain.

At Alsa Marrakesh, all drivers are well trained and are equipped with knowledge that allows them to handle any situation.

Our buses are all equipped with three CCTV cameras with a speed limit of 50 km/h in urban areas and 70 km/h in suburban areas.

Alsa is certified with:

**ENVIRONMENTAL IMPROVEMENTS:**

Pollution has an impact in our daily lives, and transportation contributes significantly to it. At Alsa, we have set several actions to reduce the impact of pollution, hence our drivers drive in an economical, efficient and non-polluting way. To monitor those actions, we have implemented a software that remind to every driver to follow the economical and non-pollutant driving way. ALSA is committed to sustainable development.

**PRODUCTIVITY IMPROVEMENTS:**

The ALSA Group made its first appearance in Morocco in Marrakech in 1999 as the urban transporter. ALSA Marrakech's transport network has increased significantly to 45 lines, providing an efficient service to the citizens of Marrakech and its region.

By structuring the public transport network, Alsa has contributed to the economic development of the city of Marrakesh and its region by facilitating the movement of its residents.

Alsa has also helped simplify access to education and instruction for thousands of students. It evolved from 5000 subscriptions in 2002 to

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Port crane simulator</b>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

For travelers: they are provided with "real time" information to users in different ways: in the App and at stops thanks to digital panels on the transit time of different lines.

ALSA has formed a partnership with Google Transit to distribute the public transportation network on the Maps platform. The implementation on smartphones and the PC version of the Google maps application, which indicates the location of the buses and gives the timetables and the time of passage by stop of all routes, is a first at the national level. All of this is done in the name of digitalization, modernization of the transportation system, and making the service more accessible.

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: The National Ports Agency

Address (street, city, country): 300, lotissement Mandarona, Sidi Maârouf, 20270 Casablanca

Website: <https://www.anp.org.ma/en/>

#### TYPE OF SUBJECT

Training institution

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses, Safe Driving Courses, Compulsory training courses for obtaining licenses/qualifications

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Port tractor drivers, Straddle carrier drivers, Quay cranes, Yard cranes

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

**SAFETY IMPROVEMENTS:**

1-Develop a body of regulations necessary to implement safety provisions.  
 2-Develop a Safety Management System (SMS).  
 3-Check the contents of containers, roll on roll off units, and other types of vehicles, from import to export.  
 4-Enable operators to carry out their customs control and security tasks in the best conditions.  
 5-Define the rules of maritime and port safety applicable to ships and port facilities.  
 6-Transpose certain provisions of the 1974 International Convention for the Safety of Life at Sea (SOLAS) and the ISPS code into national legislation.

**ENVIRONMENTAL IMPROVEMENTS:**

1-Develop a physicochemical and microbiologic quality standard of water and sediments in Morocco's dock basins.  
 2-Develop seven regional boards and a national board to disseminate information and raise awareness of the bodies concerned.

**PRODUCTIVITY IMPROVEMENTS:**

1-Reducing formalities by simplifying and automating international trade procedures  
 2-Optimizing ships' lengths of stay and transit time of goods  
 3-Reducing logistics costs by optimally scheduling port calls  
 4-Securing port transit through a better understanding of information on goods in transit.

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Port crane simulator</b>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

\*The Agency's innovative initiatives at all levels are perfectly aligned with the strategic orientations adopted by its Board and perfectly in sync with the vision of the Ministry of Equipment, Transport, Logistics, and Water. The main goal is to improve port equipment and promote best management and operation practises for activities and terminals.

\*The Agency hopes to forge partnerships in Singapore with public and private actors in Singapore in a variety of priority areas, including: ? cooperation in innovative technologies, research and development in the port sector; ? training of executives and technicians in new skills; and ? partnerships with Singapore universities in logistics, port, and technology.

As part of their continued efforts to promote a culture of collaboration and innovation in the port sector, Morocco's National Ports Agency

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: E-ITA International Driving Licensing Institute

Address (street, city, country): Algeria , Batna

Website: <https://e-ita.org/>

#### TYPE OF SUBJECT

An International trucking Driver' s License is given through attending many simulator levels for all nationalities not only

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

An International trucking Driver' s License is given through attending many simulator levels for all nationalities not only Algerian citizen

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses, Safe Driving Courses, Training courses for the unemployed/unemployable, An International trucking Driver' s License is given through attending many simulator levels for all nationalities not only Algerian citizen

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians

If they are aimed at workers, please indicate which type in particular:

Truck drivers,

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

AT ITA driving safety was, understandably, considered fundamentally important, and that “ from the perspective of service, they are focusing on safety approach as the highest priority” . If accidents occurred whereby a blocked a channel, “ overall cargo movement in the port will be affected and cannot operation

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	4	
<input type="checkbox"/> Port crane simulator		
<input checked="" type="checkbox"/> Simulation apps and software	1	
<input type="checkbox"/> Other <input type="text"/>		

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Granty crane are manufacturing a world class  
Portable Gantry Cranes that are highly demanded by  
industries projects require heavy load to be lifted

**SECTION 1: GENERAL INFORMATION**

Name of the organization:

Address (street, city, country):

Website:

**TYPE OF SUBJECT**

**TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)**

**SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)**

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text" value=""/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

Use Expert Crane Operators.  
 Inspect Equipment and Load Before Operation  
 Always Check Ground Conditions.  
 Always check the work environment  
 Allow Adequate Time for Crane Planning and Operations

ENVIRONMENTAL IMPROVEMENTS:

Port operations can have a significant impact on water quality and the health of marine life. Waste from ships and other port activities can result in loss or degradation of habitat areas and can also harm marine life.

PRODUCTIVITY IMPROVEMENTS:

Grant Crane Exporter they use Bigger ships that should produce higher productivity. Once the large cranes are positioned over the large vessels, cranes can lift much greater volumes of containers without having to be moved until the ship leaves ports

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	2	
<input type="checkbox"/> Port crane simulator	1	
<input checked="" type="checkbox"/> Simulation apps and software	1	
<input type="checkbox"/> Other		

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

At Grant Cranes they are moving towards smart ports operation through creating Networked Logistics Hubs (NLH) .

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER DQCRANE started the trip to Algeria for cranes  
installation and commissioning

### SECTION 1: GENERAL INFORMATION

Name of the organization: DQCRANE group for cranes Installation and Commissioning

Address (street, city, country): No.1, Weier Road, Henan (Changyuan) Crane Industry Park , Alegria

Website: <https://www.craneskit.com/crane-installation-commissioning-in-algeria.html>

#### TYPE OF SUBJECT

Simulation center, Training institution

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

or cranes installation and commissioning.

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other for cranes installation and commissioning	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the  
training addressed?

If they are aimed at workers,  
please indicate which type in  
particular:

for cranes installation and commissioning

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

Every worker around the globe wants to return home safely at the end of each shift. No matter what industry you work in – assembly plants – workplace safety is imperative.

ENVIRONMENTAL IMPROVEMENTS:

Workplace incidents can result in devastating injuries and fatalities. The cost of equipment replacement and lost production time can be staggering. A properly maintained crane in the hands of a trained operator helps create a safer and more productive work environment.

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER An International Driving Permit in Algeria is a translation of your national truck driving license to international truck driving.

### SECTION 1: GENERAL INFORMATION

Name of the organization: International Driving Permit in Algeria

Address (street, city, country): Algeria , Touring Club

Website: <https://internationaldrivingpermit.org/country/algeria/>

#### TYPE OF SUBJECT

Training institution, Driving simulators seller or manufacturer

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses , Safe Driving Courses, Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Truck drivers ,Port tractor drivers

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Training simulators can simulate the entire operations of a port terminal, including the container yard

### SECTION 1: GENERAL INFORMATION

Name of the organization:

Address (street, city, country):

Website:

#### TYPE OF SUBJECT

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text" value="Yard side simulation-based training solutions include training packs"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Kalmar, part of Cargotec, is responsible of producing and assembling different forklift

### SECTION 1: GENERAL INFORMATION

Name of the organization: Kalmar Secures Massive Algerian.

Address (street, city, country): 123 Buckingham Palace Road – Oran Algeria

Website: [https://www.porttechnology.org/news/kalmar\\_secures\\_massive\\_algerian\\_order](https://www.porttechnology.org/news/kalmar_secures_massive_algerian_order).

#### TYPE OF SUBJECT

Kalmar, part of Cargotec, is responsible of producing and assembling different forklift trucks for the Algerian port consumption company

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input style="width: 500px;" type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: University of Abderahmane Mira, Béjaïa, Algeria

Address (street, city, country): Béjaïa, Algeria

Website: <http://www.univ-bejaia.dz/en/universite/contact>.

#### TYPE OF SUBJECT

University

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training , Consulting

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: simulation training packages

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER responsible for giving and launching the trucking driver licensees and a partner in many maritime projects related to ports infrastructures and cranes

### SECTION 1: GENERAL INFORMATION

Name of the organization: Ministry of Public Works and Transport (Algeria) / Ministère des Travaux Publics et des Transports (Algérie)

Address (street, city, country): Algeria, 01, rue IBN BADIS El Mouiz — El Biar- Algiers.

Website: portail.mtpt.gov.dz

#### TYPE OF SUBJECT

Social security office

Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

responsible for giving and launching the trucking driver licensees and a partner in many maritime projects related to ports infrastructures and

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Consulting

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input style="width: 500px;" type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Educational institution

### SECTION 1: GENERAL INFORMATION

Name of the organization: Arab Academy for science and technology and maritime transport

Address (street, city, country): Abo Qir, Alexandria, Egypt

Website: <https://www.aast.edu/en/index.php>

#### TYPE OF SUBJECT

University  
Research center  
Simulation center  
Training institution  
Accredited certification body

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Basic research  
Applied research  
Consulting  
Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Safe Driving Courses  
Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	1
<input type="checkbox"/> Port crane simulator	3
<input checked="" type="checkbox"/> Simulation apps and software	1
<input type="checkbox"/> Other	

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Truck drivers  
Port tractor drivers  
Reach stacker operators  
Straddle carrier drivers

The training is provided:  On an individual basis  To groups of people (max: 1 ; min: 6 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

**SAFETY IMPROVEMENTS:**

Truck/ port tractor Simulation training  
 ? Training meets the requirements and instructions of the World Road Transport organization for safe driving  
 ? Training deals with dangerous cargo transportation  
 ? Training provides several scenarios to promote professional control and dealing with hazards driving (eg. Emergency circumstances on the road and in ports/terminals)  
 Gantry Crane and mobile Crane simulation training

**ENVIRONMENTAL IMPROVEMENTS:**

Truck/ port tractor Simulation training  
 ? Training focuses on following rational driving instructions to save fuel combustion

**PRODUCTIVITY IMPROVEMENTS:**

- Truck/ port tractor Simulation training  
 Training had distinguished impacted regarding positively changing Driving ethics , Attitude and skills for many Egyptian land freight companies and tractor drivers of ports and container terminals  
 Best Practice: Implementation of Assessment tests in order to employ new drivers several times for the ports of Damietta, Alexandria and Port Said  
 Gantry Crane and mobile Crane simulation training

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>	1	3 modules represented in:
<input type="checkbox"/> <b>Port crane simulator</b>	3	7 modules
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>	1	In Addition to the previouslv
<input type="checkbox"/> <b>Other</b> <input type="text"/>		

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

Port Training Institute has innovated a unique training technique in terms of integrated training courses based on:  
 Stage 1: Theoretical training  
 Stage 2: Practical training using simulator  
 Stage 3: Onsite joint training in cooperation of the national container terminals in Alexandria and Damietta (based on cooperation agreements / MOUs with the previously mentioned terminals)  
 Stage 4: Follow up and assessment of the trainee post-employment  
 This innovative technique provides a crane operator ready to work on the cranes within a month, without the need for qualification training in the port, and with equivalent international handling rates provided by expert operators  
 Best Practice: PTI training project for Training 340 new (fresh) crane operators in Tangier-Med Port

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER EIFFA is the only and official representative of FIATA  
in Egypt (Training and sessions)

### SECTION 1: GENERAL INFORMATION

Name of the organization: EIFFA, The Egyptian International Freight Forwarding Association, is the official organization

Address (street, city, country): Wabor El Maya, Alexandria, Egypt

Website: <https://www.eiffa.com/>

#### TYPE OF SUBJECT

Through the Alexandria Chamber of Commerce, EIFFA acts as a liaison and lobbyist for Forwarders and related service

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

To monitor, direct and aid the advancement and utilization of the Freight Forwarding industry in Egypt.

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input style="width: 500px;" type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: International Road Union (IRU)

Address (street, city, country): Alexandria, AASTMT Wabor El Maya / training in Port Training Institute Beside gate No. 27 - outside

Website: NA

#### TYPE OF SUBJECT

Accredited certification body

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training  
Accreditation

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	1
<input type="checkbox"/> Port crane simulator	
<input checked="" type="checkbox"/> Simulation apps and software	
<input type="checkbox"/> Other	

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians

If they are aimed at workers, please indicate which type in particular:

Truck drivers

The training is provided:

On an individual basis  To groups of people (max: 1 ; min: 6 )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

**SAFETY IMPROVEMENTS:**

Truck/ port tractor Simulation training  
 ? Training meets the requirements and instructions of the World Road Transport organization for safe driving  
 ? Training deals with dangerous cargo transportation  
 ? Training provides several scenarios to promote professional control and dealing with hazards driving (eg. Emergency circumstances on the road and in ports/terminals)

**ENVIRONMENTAL IMPROVEMENTS:**

Truck/ port tractor Simulation training  
 ? Training focuses on following rational driving instructions to save fuel combustion

**PRODUCTIVITY IMPROVEMENTS:**

- Truck/ port tractor Simulation training  
 Training had distinguished impacted regarding positively changing Driving ethics , Attitude and skills for many Egyptian land freight companies and tractor drivers of ports and container terminals  
 Best Practice: Implementation of Assessment tests in order to employ new drivers several times for the ports of Damietta, Alexandria and Port Said

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>	1	3 modules represented in:
<input type="checkbox"/> <b>Port crane simulator</b>		
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>		
<input type="checkbox"/> <b>Other</b> <input style="width: 300px;" type="text"/>		

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Traffic & Licensing unit

### SECTION 1: GENERAL INFORMATION

Name of the organization: Ministry of Interior

Address (street, city, country): Every group of districts inside a city contains a unit.

Website: <https://traffic.moi.gov.eg/Arabic/Pages/default.aspx>

#### TYPE OF SUBJECT

licenses for all vehicles and heavy equipment

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

licenses for all vehicles and heavy equipment

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

The ministry facilitates conversion to environmental friendly fuel and added penalties to any truck or equipment that exceed the standard limit of omissions.

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

The ministry is applying a paperless system including applying for a driving license and payments of tickets and fees.

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: Ministry of tourism (Road safety training center)

Address (street, city, country): Autostrad Road - 15 May City, Cairo, Egypt

Website: <http://www.rstc-egypt.com/index1.php>

#### TYPE OF SUBJECT

Training institution  
and to prepare a new generation of tourist vehicle Drivers  
professionally and technically qualified according to the highest international standards, to meet the needs of the labor market

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Safe Driving Courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians  
Business to the transport field

If they are aimed at workers, please indicate which type in particular: Truck drivers

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

The training mainly focuses on road safety.

ENVIRONMENTAL IMPROVEMENTS:

Training focuses on rational driving instructions to protect the environment and to be social responsible in order to attract more tourist.

PRODUCTIVITY IMPROVEMENTS:

Upgrading the capabilities of the Egyptian tourism transport sector.

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

The training roads are developed carefully and mechanical obstacles were installed with slippery surface and dimensions that are wide enough for trainings in order to achieve highest benefit possible for trainee.

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

**SECTION 1: GENERAL INFORMATION**

Name of the organization:

Address (street, city, country):

Website:

**TYPE OF SUBJECT**

Simulation center  
 Training institution

**TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)**

Training  
 Consulting

**SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)**

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text" value="Navigation Simulator (nautical)"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Association

**SECTION 1: GENERAL INFORMATION**

Name of the organization: L'Association Tunisienne de la Sécurité Routière ATSR

Address (street, city, country): Rue Ahmed Skalli immeuble annbara 3027

Website:

**TYPE OF SUBJECT**

association

Consulting

**TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)**

Training

**SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)**

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications  
Safe Driving Courses  
Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians  
Business to the transport field

If they are aimed at workers, please indicate which type in particular:

Truck drivers

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

rational driving, safety prevention

ENVIRONMENTAL IMPROVEMENTS:

eco-driving, éco-energy

PRODUCTIVITY IMPROVEMENTS:

improved driver capability, fewer accidents and lower costs

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: Training Center Almostakbel-GABES

Address (street, city, country): avenue Ali Ben Ghthem Gabès

Website:

### TYPE OF SUBJECT

Training institution  
Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Safe Driving Courses  
Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Truck drivers  
Quay cranes

The training is provided:  On an individual basis  To groups of people (max: 12 ; min: 5 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

training the security system through safe driving courses in order to reduce accidents and crashes

ENVIRONMENTAL IMPROVEMENTS:

to simulate the trainers to keep their vehicles safe and proper including the control the machines

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER association

### SECTION 1: GENERAL INFORMATION

Name of the organization: Cluster Maritime Tunisien CMT

Address (street, city, country): Rue BACH-HAMBA – Rue des Ecoles 2060 la Goulette

Website: <https://cluster-maritime.tn>

#### TYPE OF SUBJECT

consulting and development of the blue economy

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Consulting

Placement

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

Truck Simulator

Port crane simulator

Simulation apps and software

Other

N. of units





Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

CMT est en situation de démarrage et d' ouverture sur le plan régional et international et afin de collaborer et participer aux projets et actions d' investissements socio-économiques ,culturelles et de développement durable dans tous les domaines de l' économie bleue ,des ressources et des fonds financiers devront être prévisibles et d' une ressource humaine quantitative et qualitative pour la mise en application des conventions de partenariat avec nos partenaires européens notamment Italiens et Français afin d' arriver à réaliser des projets d' intérêt commun et convenu dans le cadre des conventions déjà signées dont ci-joint les clauses se portant à l' objet dont surtout dans les domaines de la formation et l' établissement d' événements communs se rattachant à l' économie bleue

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Enseignement supérieur

**SECTION 1: GENERAL INFORMATION**

Name of the organization: Faculté des Sciences Économiques et de Gestion de Sfax

Address (street, city, country): Route de l'aéroport, km 4

Website: www.fsegs.rnu.tn

**TYPE OF SUBJECT**

University

**TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)**

Basic research  
Applied research  
Training

**SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)**

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications  
Master

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Managers, Executives  
Courses for students

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max: 30 ; min: 12 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

OPTIMISATION DE LA CHAINE LOGISTIQUE

ENVIRONMENTAL IMPROVEMENTS:

transport et deve durable et amélioration du bien etre social

PRODUCTIVITY IMPROVEMENTS:

amélioration de l'efficiencie à travers application des méthode DEA et SFA

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

logiciels : R et DELFI  
Utilisation du logiciel BAYSA LAB

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Training

### SECTION 1: GENERAL INFORMATION

Name of the organization: L' Institut Méditerranéen de Formation aux Métiers Maritimes, IMFMM

Address (street, city, country): Batiment OMMP Port de Rades - 2040 Radès- Tunisie

Website: <https://www.imfmm.tn/web/>

#### TYPE OF SUBJECT

Training institution  
Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training  
Consulting

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	
<input type="checkbox"/> Port crane simulator	
<input checked="" type="checkbox"/> Simulation apps and software	
<input type="checkbox"/> Other simulator navigation- simulator machine	2

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Reach stacker operators  
Agent de sécurité et de sûreté portuaire, captaincy service

The training is provided:  On an individual basis  To groups of people (max: 10 ; min: 5 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

**SAFETY IMPROVEMENTS:**

l'institut présente des cours sur la sécurité et sûreté portuaire afin de limiter les risques des accidents liés aux facteurs humains dans les ports.

**ENVIRONMENTAL IMPROVEMENTS:**

l'institut a débuté à présenter des programmes visant à limiter la pollution portuaire ( en phase de début)

**PRODUCTIVITY IMPROVEMENTS:**

l'institut travaille avec les opérateurs portuaires afin de réaliser des programmes de formation sur les outils portuaires utilisés, dont le but d'améliorer la productivité.

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>		
<input type="checkbox"/> <b>Port crane simulator</b>		
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>	1	plateforme " Clic and Carao
<input type="checkbox"/> <b>Other</b> <input type="text" value="simulation navigation -simulation machine"/>	2	type KONGSBERG dernière

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

plateforme " Clic and Cargo ( projet Européen)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Training

### SECTION 1: GENERAL INFORMATION

Name of the organization: Institut de nouvelles technologies

Address (street, city, country): 08 rue Ibn Jazzar Lafayette -102- Tunis

Website: www.information.com

### TYPE OF SUBJECT

Training institution  
Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Consulting  
Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Compulsory training courses for obtaining licenses/qualifications  
Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other TTN- SINDA	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Responsable logistique- Agent logistique- responsable magasin

The training is provided:  On an individual basis  To groups of people (max: 15 ; min: 10 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

En terme de sécurité l'institut ne donne pas une grande importance pour l'amélioration de la sécurité

ENVIRONMENTAL IMPROVEMENTS:

l'institut est en train d'étudier la possibilité d'amélioration environnementale: mais c'est juste au début

PRODUCTIVITY IMPROVEMENTS:

l'institut est entrain d'appliquer un système management de la qualité

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Enseignement supérieur

### SECTION 1: GENERAL INFORMATION

Name of the organization: L' institut Supérieur de Gestion Industrielle de Sfax

Address (street, city, country): Technopole Sfax, Cite el Ons Sfax, 3021

Website: <http://www.isgis.rnu.tn/>

#### TYPE OF SUBJECT

University

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Basic research  
Applied research  
Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications  
Master en sciences du transport et de la logistique

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Managers, Executives  
Courses for students

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max: 15 ; min: 28 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

Modules : Transport des marchandises dangereuses / Sureté et sécurité des transport, Gestion des risques des réseaux de transports

ENVIRONMENTAL IMPROVEMENTS:

Enseignement des modules : Transport maritime, Transport et Développement Durable, Transport multimodale et mobilité du

PRODUCTIVITY IMPROVEMENTS:

améioration de la productivité via les Tableaux de bord - Evaluation de la performance , Analyse technicoéconomique des systèmes de transport\*Gestion de plateforme logistique

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Port crane simulator</b>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

SMART LAB (Robots collobratifs)  
Réalité augmentée

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Enseignement supérieur et recherche scientifique

### SECTION 1: GENERAL INFORMATION

Name of the organization: Institut Supérieur du Transport et de la Logistique de Sousse.

Address (street, city, country): Cité Riadh près de la Faculté des Lettres et des Sciences Humaines 4023 Sousse

Website: <http://www.istls.rnu.tn>

#### TYPE OF SUBJECT

University  
scientific research

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Basic research  
Applied research  
Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications

Master STL

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Courses for students

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

**SAFETY IMPROVEMENTS:**

Modules : Sureté et sécurité maritime et portuaire, La sécurité routière, Sûreté, sécurité et pollution du Transport, Logistique, Sureté et sécurité maritime et portuaire, Manutention portuaire, fiabilité des systèmes de ransport, gestion du trafic,

**ENVIRONMENTAL IMPROVEMENTS:**

Modules : Transport et enjeux de la durabilité, Gestion de la mobilité urbaine, Planification des déplacements urbains/PDU, Durabilité en transport et logistique, smart port, externalité de transport, simulation aérodynamique CFD, eco conception, engies nouvelles et renouvelables, audit énergétique

**PRODUCTIVITY IMPROVEMENTS:**

Modules : Analyse économique des externalités de transport, Economie du Transport Maritime, Gestion des zones d' activités logistiques, Evaluation Financière d' un projet de transport, gestion de la production, gestion de la maintenance, management de la qualité, stratégie portuaire,

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>		
<input type="checkbox"/> <b>Port crane simulator</b>		
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>		
<input type="checkbox"/> <b>Other</b> Ansys fluent (10); Vissim, visum(2)	12	Vissim. visum

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

heat engine diagnostic bench  
radar  
gps platform  
Fondation maritime

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER all sector

### SECTION 1: GENERAL INFORMATION

Name of the organization: National center of training trainers and training engineering

Address (street, city, country): 6 rue de france, Rades 2040

Website: www.cenaffif.nat.tn

#### TYPE OF SUBJECT

Training institution  
Accredited certification body

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Consulting  
Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications  
Eco-driving courses  
Soft skills, develop training program

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Managers, Executives

If they are aimed at workers, please indicate which type in particular: trainers

The training is provided:  On an individual basis  To groups of people (max: 20 ; min: 08 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Enseignement supérieur

### SECTION 1: GENERAL INFORMATION

Name of the organization: Ecole Supérieure de Commerce de Tunis

Address (street, city, country): Campus universitaire la Manouba - 2010 Tunisie

Website: <http://www.esct.rnu.tn/fra/home>

#### TYPE OF SUBJECT

University

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Basic research

Applied research

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Courses for students

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

In the training provided by the Tunis Business School, a course on transport and sustainable development is provided for undergraduate students. It is a course that highlights the negative external effects such as emissions of polluting gases and greenhouse gases and in particular road accidents and their causes.

PRODUCTIVITY IMPROVEMENTS:

In the training provided by the Tunis Business School, a course on the performance of the supply chain implements the indicators for measuring the performance of the transport chain, particularly road transport.

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Enseignement supérieur

**SECTION 1: GENERAL INFORMATION**

Name of the organization: L'Institut Supérieur des Etudes Technologiques de Sfax

Address (street, city, country): Route de Mahdia Km2,5 El Bustan Sfax

Website: <http://www.isetsf.rnu.tn/fra/pages/66/logistique-et-transport-international-aalt>

**TYPE OF SUBJECT**

University

Training institution

**TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)**

Applied research

Consulting

Training

**SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)**

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses

Compulsory training courses for obtaining licenses/qualifications

Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Managers, Executives  
Courses for students

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: ACMA ENTERPRISE TRAINING CENTER

Address (street, city, country): Via Comizi, 20 - 80059 Torre Del Greco (Na)

Website: <https://www.acmaenterprise.com/acma-formazione-marittimi/>

#### TYPE OF SUBJECT

Training institution

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training .  
Accreditation .  
examination preparation courses

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses

b(asic training course for oil and chemical tanker loading operations, Basic training course for liquefied gas tanker loading operations, Risk Assessment, Risk Management, Bridge Resource Management, Ship Handling, High Voltage Technology, VIEW COURSE

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians  
Business to the transport field

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER LOGISTICS TRAINING

### SECTION 1: GENERAL INFORMATION

Name of the organization: AFT - Association pour le développement de la formation professionnelle Transport et Logistique

Address (street, city, country): Various offices in France

Website: <https://www.aft-dev.com/>

#### TYPE OF SUBJECT

Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER LOGISTICS TRAINING

### SECTION 1: GENERAL INFORMATION

Name of the organization: AFTRAL (ISTELI = L' Institut Supérieur de Transport Et de la Logistique Internationale, CFATL = Les

Address (street, city, country):

Website: <https://www.aftral.com/>

#### TYPE OF SUBJECT

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Compulsory training courses for obtaining licenses/qualifications

Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians; Courses for students

If they are aimed at workers, please indicate which type in particular: Truck drivers

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> <i>Simulation apps and software</i>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <i>Other</i> <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization:

Address (street, city, country):

Website:

#### TYPE OF SUBJECT

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text" value="2"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER LOGISTICS TRAINING

## SECTION 1: GENERAL INFORMATION

Name of the organization: CFLI Consorzio per la Formazione Logistica Intermodale

Address (street, city, country): Zona Portuale di S. Marta, Fabbricato 16, 30120 — Venezia (VE)

Website: <https://www.cfli.it/newsite/>

### TYPE OF SUBJECT

Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Consulting  
Training  
Accreditation

## SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

1. Technical courses
2. Compulsory training courses for obtaining licenses/qualifications
5. Training courses for the unemployed/unemployable
6. Other : Compulsory courses on safety in the workplace ex Dlgs 81/08, Work equipment courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians;  
Business to the transport field.

If they are aimed at workers, please indicate which type in particular:

Truck drivers;  
Port tractor drivers;  
Forklift drivers

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization:

Cmlab

Address (street, city, country):

Italia, Via Dell'Orto 17, 21047 Saronno (VA). Francia, 9 Avenue Du Marais, Parc Des Algorithmes,

Website:

<https://www.cm-labs.com/it/pagina-iniziale/simulatore-di-addestramento-per-impianti-portuali/>

### TYPE OF SUBJECT

CM Labs offers functionality for simulator training, simulation exercises, serious games, virtual prototyping and testing

### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians

If they are aimed at workers, please indicate which type in particular:

Port tractor drivers  
Quay cranes;  
Forklift drivers

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER LOGISTICS TRAINING

**SECTION 1: GENERAL INFORMATION**

Name of the organization: CNFCE, Centre National de la Formation Conseil en Entreprise

Address (street, city, country): 38 rue Viala, 75015 Paris

Website: <https://www.cnfce.com/>

**TYPE OF SUBJECT**

Training institution

**TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)**

.Training

**SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)**

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: Cosmos Nautical Training Centre

Address (street, city, country): CHIOS, 2 Neofitou Vamva Street. Chios, 82100, Greece. PIRAEUS, 126 Kolokotroni Street.

Website: [http://www.cosmostraining.gr/training\\_courses.php](http://www.cosmostraining.gr/training_courses.php)

#### TYPE OF SUBJECT

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

## SECTION 1: GENERAL INFORMATION

Name of the organization: Scuola Nazionale Trasporti e Logistica

Address (street, city, country): Via del Molo 1/A, 19126 La Spezia (SP)

Website: <https://www.scuolatrasporti.com/>

### TYPE OF SUBJECT

Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Placement  
Training  
Accreditation

## SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians; 2. Managers, Executives; 3. Beginners to the transport field;

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: Demag

Address (street, city, country): Postfach 67, 58286 Wetter Germany

Website: <https://www.demagcranes.com/en/services/training>

#### TYPE OF SUBJECT

Industries that produce crane cabins and other port equipment

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training  
Commissioning, General overhaul, Repairs

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization:

Address (street, city, country):

Website:

#### TYPE OF SUBJECT

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: ECA Group

Address (street, city, country): Z.I. Toulon Est 262, rue des frères Lumière 83130

Website: <https://www.ecagroup.com/en/traini>

#### TYPE OF SUBJECT

Driving simulators seller or manufacturer

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: Global Port Training

Address (street, city, country): Korte Wielenstraat 10, 2030 Antwerpen, Belgium

Website: <https://www.globalporttraining.com/about-us/>

#### TYPE OF SUBJECT

Training institution  
Accredited certification body  
Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff  
Consultancy, Selection and Assessmen, Training and coaching

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Consulting  
Training  
Accreditation  
crane operator selection test

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Compulsory training courses for obtaining licenses/qualifications  
simulator courses on-site

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	
<input type="checkbox"/> Port crane simulator	1
<input checked="" type="checkbox"/> Simulation apps and software	
<input type="checkbox"/> Other	

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians;  
Business to the transport field.

If they are aimed at workers, please indicate which type in particular: Port tractor drivers;  
Reach stacker operators;  
Straddle carrier drivers;  
Crane operators.

The training is provided:  On an individual basis  To groups of people (max: ; min: 1 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

**SAFETY IMPROVEMENTS:**

Training of equipment operators (f.ex. MHC, RTG, STS, Straddle carriers, ECH, Reach Stacker, TT,...) will always lead to an enhanced safety attitude due to the direct contact Trainer - Trainee.  
Global Port Training ALWAYS works with trainers that have at least 15 years of operational experience on the equipment in the Port of Antwerp. Their experience will improve the local safety on-site!

**ENVIRONMENTAL IMPROVEMENTS:**

The GPT training is always focussed on the respect to our environment. The correct use of the equipment will lead to less pollution and therefore will reduce the total operational costs. This is a win-win situation! (f.ex.: reducing the idle time of the operational equipment, reduction of tire wear during equipment manoeuvring, attention to oil leakage before, during and after operations,...)

**PRODUCTIVITY IMPROVEMENTS:**

Our customers prioritize productivity improvements as second to safety, as this is their economical drive to operate terminals. The experienced GPT staff not only trains operators, but will inform the operational staff on how to improve the local situation on-site concerning the horizontal and vertical transport of their commodities. Often our customers become aware that the bottle-necks are not the individual operators of cranes or other equipment, but the total flow of the different vehicles on the terminal. GPT is very happy to share the knowledge, received during ages of Port Labour in Antwerp, to improve the local situation.

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>		
<input type="checkbox"/> <b>Port crane simulator</b>	1	on-line simulation (RTG, STS and MHC)
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>		
<input type="checkbox"/> <b>Other</b> <span style="border: 1px solid black; padding: 2px;">unit virtual reality hand-eye co-ordination test</span>	4	select the best candidates for crane

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED (Multiple options are selectable):**

Innovative Equipment, Collaborative platforms (Please specify)

3-D Crane operator selection test: selection tool with PC, joy-sticks, Oculus 3D goggles and self-developed software to select the best candidates for a crane operator training out of a group of candidates.

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: IFMMP - Institutut de Foration des Métieres de la Manutention Portuaire

Address (street, city, country): Mole Graveleau, 13230, Port-Saint-Louis-du-Rhône, Francia

Website: [https://www.ifmmp.fr/ifmmp/annuaire-professionnel/?wpbdp\\_view=all\\_listings](https://www.ifmmp.fr/ifmmp/annuaire-professionnel/?wpbdp_view=all_listings)

#### TYPE OF SUBJECT

Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training  
Accreditation

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Compulsory training courses for obtaining licenses/qualifications  
Safe Driving Courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians  
Business to the transport field

If they are aimed at workers, please indicate which type in particular:

Straddle carrier drivers  
forklift drivers

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: Motion Systems

Address (street, city, country): Wroclaw Technology Park, Du ska 13, Lambda building, 54-427 Wroclaw, Poland

Website: https://ts10.eu/

#### TYPE OF SUBJECT

Driving simulators seller or manufacturer

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

Truck Simulator

Port crane simulator

Simulation apps and software

Other forklift simulation

N. of units





Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: Reggiane Cranes & Plants SpA

Address (street, city, country): Via Renata Bianchi 40 Genova, 16152 Italy

Website: <https://www.impresaitalia.info/mstadb81083080/reggiane-cranes-and-plants-spa/reggio-emilia.aspx>

#### TYPE OF SUBJECT

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: SIDA AutoSoft Multimedia

Address (street, city, country): via G. Verdi n° 87, 21010 Germignaga, Varese - Italy

Website: <https://www.sidadrive.it/chi-siamo/>

#### TYPE OF SUBJECT

Driving simulators seller or manufacturer

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

Truck Simulator

Port crane simulator

Simulation apps and software

Other

N. of units





Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	2	Sale, research, training
<input type="checkbox"/> Port crane simulator		
<input checked="" type="checkbox"/> Simulation apps and software		
<input type="checkbox"/> Other <input style="width: 300px;" type="text"/>		

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: Heinz Nixdorf institut, University of Paderborn

Address (street, city, country):

Website: <https://www.hni.uni-paderborn.de/en/rtm/research/driver-assistance-systems/driving-simulators-and-test-vehicle/>

#### TYPE OF SUBJECT

University  
.Research center

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Applied research

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER LOGISTICS TRAINING

### SECTION 1: GENERAL INFORMATION

Name of the organization: Groupe Promotrans

Address (street, city, country): 55 Rue Raspail, 92300 Levallois-Perret

Website: <https://www.promotrans.fr/>

#### TYPE OF SUBJECT

Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training  
Accreditation

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization:

WABCO Academy

Address (street, city, country):

WABCO Automotive Italia S.r.l Corso Pastrengo, 50. 10093 Collegno (TO),Italy

Website:

https://www.wabco-academy.com/it/driver-training/?type=

#### TYPE OF SUBJECT

Training institution

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Safe Driving Courses

Eco-driving course

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

1. Workers, technicians;  
2. Managers, Executives

If they are aimed at workers, please indicate which type in particular:

Truck drivers;  
Forklift drivers

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER education

### SECTION 1: GENERAL INFORMATION

Name of the organization: American University of Technology

Address (street, city, country): Halat-Byblos Highway. Fidar. Lebanon

Website: www.aut.edu

### TYPE OF SUBJECT

university with a program in transport management

### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Consulting  
Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Transport and logistics

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Beginners to the transport field  
Courses for students

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

a special course related to the environmental impact of transport

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Port crane simulator</b>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> <b>Other</b> <span style="border: 1px solid black; padding: 2px;">navigation simulation carried out by a partner university in</span>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER freight forwarding & Logistics

### SECTION 1: GENERAL INFORMATION

Name of the organization: Beirut Cargo Center SARL

Address (street, city, country): Sin El Fil-Facing Mirna Chalouhi-Parallel Towers-Bloc B

Website: www.bcclogistics.com

#### TYPE OF SUBJECT

freight forwarding & Logistics

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Basic research

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Manufacturing

### SECTION 1: GENERAL INFORMATION

Name of the organization: Carrosserie Assad Saliba

Address (street, city, country): 34 J4 st. Ballouneh, Lebanon

Website: www.assadsaliba.com

#### TYPE OF SUBJECT

Companies producing cabins for trucks and heavy vehicles

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Education

### SECTION 1: GENERAL INFORMATION

Name of the organization: ESA Business School

Address (street, city, country): 289 Clemenceau Beirut, Lebanon B.P. 113-7318

Website: <https://www.esa.edu.lb/french/executive-education/apercu>

#### TYPE OF SUBJECT

University Research center Simulation center Training institution

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

Truck Simulator

Port crane simulator

Simulation apps and software

Other

N. of units





Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Air port , land freight

**SECTION 1: GENERAL INFORMATION**

Name of the organization: General transportation company(kaissi)

Address (street, city, country): shenawi Bldg.port street ,Beirut -Lebanon

Website: www.gts.com.lb

**TYPE OF SUBJECT**

Shipping & Forwarding , Clearance

**TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)**

**SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)**

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

Depending on forklift for loading and offloading cargo

ENVIRONMENTAL IMPROVEMENTS:

All of our trucks is fully inspected each month to see the emissions that might lead to pollution , such as CO2 , black smok..etc

PRODUCTIVITY IMPROVEMENTS:

depending on GPS to locate vehicle's location , navigation ....etc

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> <b>Truck Simulator</b>		
<input type="checkbox"/> <b>Port crane simulator</b>		
<input checked="" type="checkbox"/> <b>Simulation apps and software</b>	1	
<input type="checkbox"/> <b>Other</b> <input type="text" value="vehicle's location , navigation"/>		

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Ministry of Public Works and Transport

### SECTION 1: GENERAL INFORMATION

Name of the organization: INTERNATIONAL MARITIME ACADEMY

Address (street, city, country): SEA SIDE ROAD, KASLIK, LEBANON

Website: <https://www.imaritimeacademy.com/>

#### TYPE OF SUBJECT

University Research center Simulation center Training institution

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Compulsory training courses for obtaining licenses/qualifications  
Training courses for the unemployed/unemployable  
Training courses for the unemployed/unemployable

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	
<input type="checkbox"/> Port crane simulator	
<input checked="" type="checkbox"/> Simulation apps and software	
<input type="checkbox"/> Other	1

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Seafarers

The training is provided:  On an individual basis  To groups of people (max: ; min: )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Carrosserie

### SECTION 1: GENERAL INFORMATION

Name of the organization: Mkanna industries

Address (street, city, country): Jouar al Khonchara

Website: mkanna\_industries@hotmail.com

#### TYPE OF SUBJECT

Manufacturing of Garbage compactors, Fuel Tankers, Tippers and semi trailers

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Consulting  
Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text" value="2"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text" value="3"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

Workers, technicians  
Messina Executives

If they are aimed at workers, please indicate which type in particular:

Truck drivers  
Port tractor drivers  
Reach stacker operators  
Straddle carrier drivers

The training is provided:

On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?

Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

**SECTION 1: GENERAL INFORMATION**

Name of the organization:

Address (street, city, country):

Website:

**TYPE OF SUBJECT**

**TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)**

**SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)**

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed?

If they are aimed at workers, please indicate which type in particular:

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER

### SECTION 1: GENERAL INFORMATION

Name of the organization: The Beirut Container Terminal Consortium s.a.l

Address (street, city, country): Port of Beirut, Beirut, Lebanon

Website: www.bctc-lb.com

#### TYPE OF SUBJECT

University Research center Simulation center Training institution  
Specialized Institute for training, refreshing, and upgrading activities for road haulers and/or port staff  
Industries that produce crane cabins and other port equipment  
Companies producing cabins for trucks and heavy vehicles

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Basic research  
Consulting  
Training

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Compulsory training courses for obtaining licenses/qualifications  
Safe Driving Courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Truck drivers  
Port tractor drivers  
Reach stacker operators  
Straddle carrier drivers

The training is provided:  On an individual basis  To groups of people (max: 30 ; min: 1 )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

We rely on effective KPI's to manage the continuous improvement process to meet and exceed the customers expectations by eliminating the process gap and improving the equipment utilization rates.

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

**Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?**

Yes  No

REFERENCE SECTOR:  PORTS  ROAD HAULAGE

OTHER Transportation

### SECTION 1: GENERAL INFORMATION

Name of the organization: Tracksparco Bachalani sarl

Address (street, city, country): Main, Jdeidet, Lebanon

Website: www.Tracksparco.com

#### TYPE OF SUBJECT

University Research center  
Simulation center  
Training institution  
Industries that produce crane cabins and other port equipment  
Companies producing cabins for trucks and heavy vehicles

#### TYPE OF ACTIVITIES CARRIED OUT (in the field of advanced training and simulation for ports and transport activities)

Basic research  
Applied research

### SECTION 2: TRAINING (If the business includes the provision of training courses for port and transport personnel)

What kind of training courses are provided?

Catalog courses  On request

What the courses deal with:

Technical courses  
Safe Driving Courses  
Eco-driving courses

Do you carry out training using simulators?  Yes  No

If the answer to the previous question was YES, which simulator(s) are used?

	N. of units
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>

Indicate the characteristics of the courses provided:

To which operators is the training addressed? Workers, technicians

If they are aimed at workers, please indicate which type in particular: Managers, Executives  
Beginners to the transport field  
Courses for students

The training is provided:  On an individual basis  To groups of people (max:  ; min:  )

Where are the courses held?  Classroom  On site, on board the vehicle (truck)  On site, at the port  Virtually (e.g., e-learning platforms)

**SECTION 3: ACTIVITIES CARRIED OUT**

**THE ACTIVITY CARRIED OUT (BE IT RESEARCH, TRAINING, CONSULTANCY, DESIGN AND SALE OF SIMULATORS, ETC.)**

	1	2	3	4	5
SAFETY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRODUCTIVITY IMPROVEMENTS:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* 1: EXTREMELY; 2: VERY; 3: MODERATELY; 4: SLIGHTLY; 5: NOT AT ALL

*Please give a brief description of the activity carried out in relation to the relevant strands.*

SAFETY IMPROVEMENTS:

ENVIRONMENTAL IMPROVEMENTS:

PRODUCTIVITY IMPROVEMENTS:

**DOES THE ACTIVITY CARRIED OUT INVOLVE THE USE OF DRIVING SIMULATORS? COMPLETE THE FOLLOWING TABLE FOR EACH APPLICABLE SIMULATOR**

	N. of units	Range of use (e.g.: research, training, classrooms, design and fabrication, sale, etc.)
<input checked="" type="checkbox"/> Truck Simulator	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Port crane simulator	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> Simulation apps and software	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Other <input type="text"/>	<input type="text"/>	<input type="text"/>

**ASPECTS OF INNOVATION IN THE ACTIVITY PROVIDED** (Multiple options are selectable):

Innovative Equipment, Collaborative platforms (Please specify)

**SECTION 4: PROJECTS**

Have you ever been involved in other projects related to advanced training activities for port and transport staff with or without the use of simulators?

Yes  No

Compiler :

Email:

## ANNEX 2: DATA COLLECTION FORM

**THIS FORM MUST BE USED TO SURVEY THE PROJECTS/INITIATIVES (BOTH COMPLETED AND ONGOING) DEALING WITH ADVANCED TRAINING AND SIMULATION FOR PORTS AND ROAD HAULAGE PERSONNEL.**

**PROJECT NAME:**

**FUNDING PROGRAMME:**

**IMPLEMENTATION PERIOD:**

**PROJECT PARTNERSHIP:**

**PROJECT COORDINATOR:**

**PROJECT SUMMARY:**

**PROJECT GENERAL OBJECTIVE:**

**PROJECT SPECIFIC OBJECTIVES:**

**PROJECT WEBSITE:**

**NAME AND SURNAME**

**CONTACT PERSON:**  **EMAIL**

**TELEPHONE**

**OUTPUT 1:**

\* formation de deux groupes ( presque 100 personnes) et ce durant 3 semaines ( 8h/ jour) pour chaque groupe  
The event was also attended by nearly 100 participants from all around the Mediterranean region.

**OUTPUT 2:**

creation of a working group with port companies in Tunisia

**OUTPUT 3:****OUTPUT 4:**

Compiler :

Email:

## ANNEX 2: DATA COLLECTION FORM

**THIS FORM MUST BE USED TO SURVEY THE PROJECTS/INITIATIVES (BOTH COMPLETED AND ONGOING) DEALING WITH ADVANCED TRAINING AND SIMULATION FOR PORTS AND ROAD HAULAGE PERSONNEL.**

**PROJECT NAME:**

**FUNDING PROGRAMME:**

**IMPLEMENTATION PERIOD:**

**PROJECT PARTNERSHIP:**

**PROJECT COORDINATOR:**

**PROJECT SUMMARY:**

**PROJECT GENERAL OBJECTIVE:**

**PROJECT SPECIFIC OBJECTIVES:**

**PROJECT WEBSITE:**

**NAME AND SURNAME**

**CONTACT PERSON:**  **EMAIL**

**TELEPHONE**

**OUTPUT 1:**



**OUTPUT 2:**



**OUTPUT 3:**



**OUTPUT 4:**



Compiler :

Email:

## ANNEX 2: DATA COLLECTION FORM

**THIS FORM MUST BE USED TO SURVEY THE PROJECTS/INITIATIVES (BOTH COMPLETED AND ONGOING) DEALING WITH ADVANCED TRAINING AND SIMULATION FOR PORTS AND ROAD HAULAGE PERSONNEL.**

**PROJECT NAME:**

**FUNDING PROGRAMME:**

**IMPLEMENTATION PERIOD:**

**PROJECT PARTNERSHIP:**

**PROJECT COORDINATOR:**

**PROJECT SUMMARY:**

**PROJECT GENERAL OBJECTIVE:**

**PROJECT SPECIFIC OBJECTIVES:**

**PROJECT WEBSITE:**

**CONTACT PERSON:**  **NAME AND SURNAME**  
 **EMAIL**  
 **TELEPHONE**

### **OUTPUT 1:**

Vocational training programs integrate the requirements of training development in the AASTMT and the training needs of the port community and maritime transport.

### **OUTPUT 2:**

Enhancing AASTMT vocational training potentials through establishment of and innovative real-time platform (VR simulation) and, this platform includes all the risk factors of fire accidents and anticipated hazards in addition to the optimum techniques of firefighting, such elements cannot be grouped into single traditional hands-on platform.

### **OUTPUT 3:**

Development of accurate and real-time methodologies and criteria for assessment Knowledge, Skills, and Attitude (KSA), as well as the efficiency of firefighting crew in ports.

### **OUTPUT 4:**

Given the costs of purchasing firefighting training equipment and various fire extinguishing equipment used in hands-on training, which are limited to a validity period and need continuous renewal, in addition to the transportation costs of the equipment to the Hands-on training sites, and the provision of spaces, training environment and other auxiliary equipment which can be easily vulnerable to damage and causes risk factor We find that such costs constitutes an annual financial burden on the labs of AASTMT. VR can handle all these training scenarios in the same location. While the initial cost for development of the training simulations and the purchase of the equipment may be reasonable, and even such costs can arguably be offset by the relatively cheap adaptation of the content for different scenarios, the lower cost regarding upkeep of the training equipment, the portability of the equipment for saving transport cost of trainees to training sites and the relatively modest space needed for the training itself. Training or education using VR Techniques can be done with relatively little funds if lower fidelity is acceptable.

Compiler :

Email:

### ANNEX 3: DATA COLLECTION FORM

**THIS FORM MUST BE USED TO SURVEY WEBSITES/BLOGS/COLLABORATIVE PLATFORMS RESULTING FROM A PROJECT OR CONTAINING EXCHANGES OF DATA, EXPERIENCES, GUIDELINES ON THE TOPIC OF ADVANCED TRAINING AND SIMULATION FOR PORT AND ROAD TRANSPORT PERSONNEL.**

**WEB ADDRESS:**

**WHAT IS ABOUT?:**

Blog                       Collaborative platform

Training Platforms     Other

**MAIN TOPICS COVERED:**

Information on job offers and training in several areas including transport and logistics

**WHAT DOES IT COLLECT?** *(Multiple options are selectable):*

Opinions                       Experiences

Statistics                       Data

Regulations                       Best Practices

Other

Compiler :

Email:

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**WEB ADDRESS:**

**WHAT IS ABOUT?:**

Blog  Collaborative platform

Training Platforms  Other

**MAIN TOPICS COVERED:**

Information on all public transport companies as well as any authorities in the transport and training sector

**WHAT DOES IT COLLECT?** *(Multiple options are selectable):*

Opinions  Experiences

Statistics  Data

Regulations  Best Practices

Other

Compiler :

Email:

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**WEB ADDRESS:**

**WHAT IS ABOUT?:**

Blog  Collaborative platform

Training Platforms  Other

**MAIN TOPICS COVERED:**

Transport Open Data Portal. Organizations are used to create, manage and publish collections of datasets. Users can have different roles within an Organization, depending on their level of authorization to create, edit and publish in five areas, namely maritime transport, air transport, land transport, logistics and meteorology.

**WHAT DOES IT COLLECT?** *(Multiple options are selectable):*

Opinions  Experiences

Statistics  Data

Regulations  Best Practices

Other

Compiler :

Email:

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**THIS FORM MUST BE USED TO SURVEY WEBSITES/BLOGS/COLLABORATIVE PLATFORMS RESULTING FROM A PROJECT OR CONTAINING EXCHANGES OF DATA, EXPERIENCES, GUIDELINES ON THE TOPIC OF ADVANCED TRAINING AND SIMULATION FOR PORT AND ROAD TRANSPORT PERSONNEL.**

**WEB ADDRESS:**

**WHAT IS ABOUT?:**

Blog                       Collaborative platform

Training Platforms     Other

**MAIN TOPICS COVERED:**

1-Participation in the promotion of the Blue Economy (maritime) through the support of private initiatives and the encouragement of sustainable integral development. 2- Participation in the development of maritime sectors and activities in Tunisia in compliance with the laws in force. 3- Cooperation with similar maritime clusters on an international scale and organizations interested in the Blue Economy. 4- Support for research and technological innovation and social entrepreneurship, the contribution to maintaining skills and researchers on African territory, the establishment of a big data database where statistical data and indicators help to base national and regional policies and strategic orientations related to the blue economy as well as their monitoring and evaluation.

**WHAT DOES IT COLLECT?** *(Multiple options are selectable):*

Opinions                       Experiences

Statistics                       Data

Regulations                       Best Practices

Other