







5.6 Video Tutorials

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	







Contraction TECHLOG

Official Website:

https://www.enicbcmed.eu/projects/techlog

Output details			
Output name:	O.5.6 Video Tutorials		
WP / WP number:	WP5		
Delivery due date:	December 2022		
Actual date of submission:	16 November 2023		
Partner responsible:	LB - CIREM University of Cagliari		
	PP6 - Alexandria Chamber		
Contributor(s):	PP1 - CCIAA MATI		
	PP2 - AASTMT – Arab Academy for Science, Technology and Maritime Transport		
	PP3 - EEIG		
	PP4 - CEEBA		
	PP5 - CCIA BML		
	PP7 - CCI Sfax		
	PP8 - Uni Sfax		
Restriction level	Public		









1. Summary

1.	Intr	oduction4
2.	Out	put description5
3.	Met	thodology and technical development5
3	3.1	Methodology5
3	3.2	Location6
3	3.3	Staff6
3	3.4	Equipment6
3	3.5	Length6
3	3.6	Format of the output6
3	3.7	Language and Subtitles7
3	3.8	Delivery7
4.	Vide	eo tutorials. Concepts and scripts7
4	4.1	Structure of the videos7
4	4.2	Speakers7
5.	Targ	gets8
6.	Scri	pts8
(5.1	Tutorial "Simulation opportunities for quay crane operators"8
(6.2	Tutorial "Simulation opportunities for truck drivers"10
(5.3	Tutorial "Training for innovation trainers"12
7.	Scre	enshots
-	7.1	Tutorial "Simulation opportunities for quay crane operators"15
	7.2	Tutorial "Simulation opportunities for truck drivers"17
7	7.3	Tutorial "Training for innovation trainers19
8.	Pro	motional video. Concepts and scripts21
8	8.1	Structure of the video21
8	8.2	Main speakers







TECHLOG

8.3	Targets	21
8.4	Script	22
8.5	Screenshots	25

1. Introduction

Production of three video tutorials that showcase the opportunities and benefits of advanced simulators and related training programs in port and transport activities as part of the EU-funded TECHLOG project (ENI CBC MED).

The videos have been developed according to the ENI CBC MED Visibility Guidelines (through the acknowledgement of the EU/Programme support) and clearly show project and partner logos in high quality.

These tutorials showcase:

- simulation opportunities for truck drivers, quay crane operators, and innovation trainers;
- advantages of advanced and smart simulators;
- use of biometric diagnostic tools to monitor and improve the drivers' performances;
- the project technological transfer initiatives for logistics innovation in Mediterranean area;
- its Living Labs, and the project impact on workers (truck drivers and crane operators), in terms of increase of productivity, cost savings, improvement of safety and (reduced) environmental impact;
- the project web platform that offers training and useful information for port and transport enterprises and operators.

Production of one promotional video highlighting the accomplishments, value, and activities of the TECHLOG project, funded by the European Union (ENI CBC MED) across the Mediterranean partner countries.

It has been developed according to the ENI CBC MED Visibility Guidelines (through the acknowledgement of the EU/Programme support) and clearly shows project and partner logos in high quality.

This video showcases:

This document has been produced with the financial assistance of the European Union under the ENI CBC Mediterranean Sea Basin Programme. The contents of this document are the sole responsibility of the Confederation of Egyptian European Business Associations and can under no circumstances be regarded as reflecting the position of the European Union or the Programme management structures.









- the collective accomplishments and outputs of the project partners in Italy, Spain, Tunisia, Lebanon and Egypt;
- the project technological transfer initiatives for logistics innovation in Mediterranean area;
- its pilot actions carried on using advanced driving simulators;
- its Living Labs, and the project impact on workers (truck drivers and crane operators), in terms of increase of productivity, cost savings, improvement of safety and (reduced) environmental impact;
 - the project web platform that offers training and useful information for port and transport enterprises and operators.

2. Output description

The Video tutorials developed in the framework of the project offer several positive aspects for workers and businesses, contributing to effective learning, skill development, and overall productivity. The 3 videos show the opportunities and benefits related to the use of advanced simulators and related training programs in port and transport activities. Tutorials are made available on the project collaborative platform <u>https://techlogproject.com</u>. The 3 tutorials focus on:

- simulation opportunities for truck drivers
- simulation opportunities for quay crane operators
- training for innovation trainers.

The 3 video tutorials focus on showing opportunities and benefits related to the use of advanced simulators and related training programs in port and transport activities in the framework of the EU-funded TECHLOG project. In addition a promotional video has been produced.

3. Methodology and technical development

3.1 Methodology

- Live recording
- Interviews
- Animated infographics (2D and typographic)
- Aerial shots
- Screencasts









- Stock Material
- Video editing works
- Music selection and licensing from library
- Sound editing works

3.2 Location

• Cagliari/Italy (premises of the Lead Beneficiary, University of Cagliari - CIREM).

• The videos also exploit interactions and material provided by the TECHLOG staff, and in particular by the TECHLOG Living Labs (use of simulators, interviews and material recorded during Training of Trainers sessions in Livorno – Italy, and Pilot Actions in Alexandria - Egypt, Sfax - Tunisia, Beirut - Lebanon).

3.3 Staff

- Art director;
- 2 Video operators;
- Video Editing operator
- Lighting Operator;
 - Sound Recording Operator;

3.4 Equipment

- HD camera;
- Camera lenses & filters sets;
- Lighting package for indoor & outdoor footages;
 - Zoom voice recording device;

3.5 Length

- Tutorial "Simulation opportunities for quay crane operators": 5:55 minutes
- Tutorial "Simulation opportunities for truck drivers": 4:39 minutes
 - Tutorial "Training for innovation trainers": 6:40 minutes

3.6 Format of the output

Digital format, full HD resolution (mp4)









3.7 Language and Subtitles

- Language: English
- Subtitles:

Each video was provided in two versions (for a total of 6 videos):

- A) without subtitles
- B) with English subtitles
- In addition 3 subtitles packages in srt text format were also provided separately:
- a) English subtitles related to the Tutorial "Simulation opportunities for quay crane operators"
- b) English subtitles related to the Tutorial "Simulation opportunities for truck drivers"
- c) English subtitles related to the Tutorial "Training for innovation trainers"

3.8 Delivery

• The videos and the subtitles packages have been delivered via email (wetransfer link) to the Contracting Authority.

4. Video tutorials. Concepts and scripts

- 4.1 Structure of the videos
 - Short opener with logo, project and partners' references.
 - Interviews that briefly introduce project goals, pilot actions, simulators and their advantages.
 - Shooting of the simulators and its main screens.
 - Further shooting supported by texts/infographics to enhance the message (context, benefits and advantages).
 - Links and call to action for information requests, training opportunities, social benefits and positive returns of the project in EU context.

4.2 Speakers

Tutorial "Simulation opportunities for quay crane operators"

- Mattia Porta, Human factor analyst, TECHLOG Western Living Lab, University of Cagliari CIREM, Italy.
- All people appearing in the video have consented to the use of their image.









Tutorial "Simulation opportunities for truck drivers"

- Mayar Hossam, Facilitator, TECHLOG Eastern Living Lab, Egypt.
- Adham Shalaby, Facilitator, TECHLOG Eastern Living Lab, Egypt.
- Michela Codipietro, Transport Engineer, TECHLOG Western Living Lab, University of Cagliari CIREM, Italy.
- All people appearing in the video have consented to the use of their image.

Tutorial "Training for innovation trainers"

- Paula Baltar, Training of trainers Leader, TECHLOG Western Living Lab, Escola Europea Intermodal transport, Spain.
- Silvia Cinus, TECHLOG Western Living Lab management, University of Cagliari CIREM, Italy.
 - All people appearing in the video have consented to the use of their image.

5. Targets

- Eu-Med (trans)port organizations/institutions
- EU-Med (trans)port enterprises
- Research Organizations
- Institutions and organizations operating in the EU-Mediterranean (trans)port sector
- Truck drivers
- Quay crane operators
- Innovation trainers
 - Port authorities

6. Scripts

6.1 Tutorial "Simulation opportunities for quay crane operators"

SPEAKER: Dott. Mattia Porta - Human factor analyst

OPENER WITH LOGO, PROJECT AND PARTNERS' REFERENCES

CHAPTER: INTRO

Welcome to our tutorial on simulation training for crane operators.









In this video we'll explore into the world of simulation training and its important impact on operators' performance. We will also uncover the functionality of crane simulators through a replica of a real workstation.

CHAPTER: CRANE SIMULATOR FUNCTIONALITY

Let's begin by exploring the capabilities of the crane simulator. This system is composed by seven screens, creating an immersive real experience that emulates a real crane control station. The control station features two critical components for effective crane operations. The left-hand joystick allows operators to control the crane lateral movement, enabling precise "right", "left", "forward" and "backward" motion. Simultaneously, the right-hand joystick plays a role in raising and lowering the spreader. The spreader is the device for loading and unloading the containers from ships and trucks.

So, one of the main features is the ability to analyze and detect operators' performance. While monitoring actions and errors it provides valuable feedbacks: this enables the performance evaluation.

The simulator generates a movement curve for the spreader: it helps in the assessment of operator's productivity. With this cutting-edge technology, crane operators can practice in a risk-free environment, before operating a real crane. The simulator ensures that they are well prepared to handle the intricate tasks and movements required in the fields.

CHAPTER: BENEFITS OF CRANE SIMULATORS

3 key benefits:

- Objective assessment of skill gaps and adaptable training programs for port terminals.
- Highly effective and cost-efficient skill transmission through simulation-based training.
- Valuable practical experience in a secure environment, combining theoretical knowledge with computersimulated scenarios.

CHAPTER: HOW SIMULATION TRAINING AFFECTS OPERATORS' PERFORMANCE

We observe a clear impact of simulation in these areas:

- Productivity boost through enhanced efficiency and cost savings.
- Improved safety by reducing the risk of accidents and errors.
- Cost reduction by decreasing machine wear, enhancing safety, and improving training efficiency. Mitigation of environmental impact by allowing operators to practice risky operations without real-world consequences.









CHAPTER: BIOMETRIC DIAGNOSTIC TOOLS

To identify critical elements in crane operators' performance during the simulation experience we use biometric tools to measure cognitive and vital parameters:

- "Emotiv" and EEG (ElectroEncephaloGram) measuring tools for the analysis of cognitive parameters such as: stress, engagement, attention, excitement, interest, relaxation.

- A Smartwatch with electromedical sensors for the analysis of vital parameters such as: hearth rate, hearth frequency, blood pressure, oxygen saturation.

These tools play a fundamental role in assessing and improving the overall wellbeing and performance of crane operators.

In conclusion, the real advantage of simulation is the possibility to integrate cutting-edge technology and biometric tools, ensuring operators' proficiency, safety and wellbeing.

6.2 Tutorial "Simulation opportunities for truck drivers"

OPENER WITH LOGO, PROJECT AND PARTNERS' REFERENCES

CHAPTER: INTRO - SPEAKER: Mayar Hossam, Facilitator

Welcome to today's tutorial on simulation training for truck drivers. In this video we will explore what simulation training is and how it benefits truck drivers and trucking companies. We will also discover how the TECHLOG Living Labs are revolutionizing simulation training in the transport and port industries. So, let's start.

CHAPTER: TRUCK SIMULATOR FUNCTIONALITIES - SPEAKERS: Michela Codipietro, Transport Engineer; Mayar Hossam, Facilitator.

A simulation training is a true-to-life learning environment that replicates real life situations. This way, after learning theoretical knowledge, trainees can put it into practice. TECHLOG Living Labs takes this concept further, integrating cutting-age simulation software and a motion platform that offer an impressive driving experience. So, it allows to test the operator's performance in terms of productivity, safety and eco-driving. Of course, simulation does not replace training with real vehicles but it can bring many benefits.

In addition, some devices can be used for monitoring drivers' behaviors and human factors: a smartwatch can show some health parameters linked with stress and fatigue such as blood pressure or heart rate. Through a camera the "face reader" can process the facial expression of the operator while driving to obtain his emotions, such as surprise or anger. An "eye









tracker" can also be used to track operator's eye movement and thus to see what he pays attention to.

CHAPTER: USE OF SIMULATORS FOR DRIVERS' TRAINING - SPEAKER: Adham Shalaby, Facilitator.

TECHLOG's Living Labs encourages trucking companies to invest in a simulation training, offering a dynamic and controlled environment for testing and evaluating drivers. Whether assessing new drivers skills or providing experienced drivers with scenarios like bad weather conditions and diverse road types, the Living Lab ensures a detailed and advanced training experience.

CHAPTER: SIMULATION BENEFITS FOR OPERATORS - SPEAKER: Mayar Hossam, Facilitator.

TECHLOG's simulation training has many benefits for the operators.

- 1st: learning by doing in the best way to acquire new skills and to fix them.
- 2nd: simulators provide an immediate feedback, so drivers can learn from their mistakes.
- 3rd: simulation creates a risk-free environment, so truckers can drive without any risk.
- And finally, it provides quantifiable results such as medium speed or fuel consumption which can be used to evaluate driver's performance.

CHAPTER: SIMULATION BENEFITS FOR TRUCKING COMPANIES - SPEAKER: Mayar Hossam, Facilitator.

The simulation training has many benefits for trucking companies too.

- It increases drivers' productivity: in fact, by practicing in a virtual environment they improve skills very quickly.
- It provides safety benefits, promoting safer practices and reducing the risk of accidents.
- It offers cost savings: with stimulators there's no need to use real vehicles for training, reducing repair and fuel costs. In addition, when a truck is in training, it is not earning money.
- And finally, it has positive environmental impacts: by teaching eco-driving techniques, in fact, simulators decrease fuel consumption and thus emissions.









CHAPTER: CONCLUSIONS - SPEAKERS: Adham Shalaby, Facilitator; Mayar Hossam, Facilitator.

In conclusion, we have explored simulation training and its incredible benefits especially with the support of initiatives like TECHLOG's Living Labs.

Thank you for watching and remember: the road to innovation in the trucking industry is paved with simulation training. Happy driving!

CONCLUSION WITH INFOGRAPHICS – LOGOS – CALL TO ACTION – DISCLAIMER

6.3 Tutorial "Training for innovation trainers"

OPENER WITH LOGO, PROJECT AND PARTNERS' REFERENCES

CHAPTER: THE TECHLOG APPROACH TO INNOVATION - SPEAKER: Paula Baltar, Training of trainers Leader

TECHLOG as a project is all about supporting innovation and technology transfer within and between transport and port communities of the Mediterranean. Through all of its activities, the TECHLOG project takes an open innovation approach based on Living Labs as a tool to develop and take advantage of the use of simulation and other innovative methodologies in training.

While concepts like Living Labs and open innovation are very commonplace in the world of innovation, they remain largely unexplored in the world of transport and logistics. The project seeks to instill an appreciation for academia-industry cooperation, encouraging participants to explore the potential of simulation in the sector. The TECHLOG Innovation Training Package facilitates a shift in thinking, offering tools and approaches for Innovation rather than prescriptive solutions, allowing participants to change their way of thinking to find their own solutions to the fields problems.

CHAPTER: THE IMPORTANCE OF INNOVATION SPECIALISTS & EXPERTS - SPEAKER: Paula Baltar, Training of trainers Leader

Recognizing the value of innovation is one thing but actually implementing innovative solutions is often met with resistance to change. Innovation experts play a crucial role in bridging this gap, providing the necessary support to take these innovative ideals and put them into practice. Living Labs, being diverse spaces for exchange, require experts that are good at facilitating exchanges, that are well versed in innovation methods and that are









capable of handling very varied circumstances. These experts help organizations break away from business-as-usual and embrace transformative innovation approaches.

CHAPTER: TRAINING OF TRAINERS SESSIONS: SPEAKERS: Silvia Cinus, TECHLOG Western Living Lab management; Paula Baltar, Training of trainers Leader

During the project, two training session have been held: one in Livorno (Italy) and the second in Alexandria (Egypt).

The objective of this activity was to provide representatives of EU-Mediterranean ports and logistic organizations with the ne necessary tools to become innovation specialists in the field of advanced simulation for port and transport sectors.

The main goal is to create innovation specialists that are

- capable to promote, lead and uh accompanying innovation processes in their own local context.
- able to recognize the benefits of cooperation between Academia and Industry for Innovation.
- clearly understand and explore the benefits of driving simulation.

These sessions, structured as Living Labs themselves, took on an approach of "building the plane while flying it" which means that participants acquired the necessary theoretical Concepts about Innovation while also actively participating in a Living Lab and building it themselves. The driving question behind These

living Labs was "How might we design and build enabling environments for technology transfer and Logistics innovation in Mediterranean port areas? Practical activities empowered participants to take charge of their own learning process, promoting adaptability and enhancing the overall learning experience.

CHAPTER: TECHLOG INNOVATION TRAINING PACKAGE - SPEAKER: Paula Baltar, Training of trainers Leader

The TECHLOG Innovation Training Package is composed of a comprehensive guide and 11 PowerPoint presentations, going through all of the steps of planning and Innovation training.

1. Training structure and scheduling, covering the basics of how to schedule the preparatory session that should come before the training, as well as the training itself and all the practical logistic requirements.









- 2. Setting the scene: physical and theoretical framework which covers everything from the logistical requirements of the training space materials et cetera, to how to design a question around which the Living Lab can revolve that will enhance the conversation between participants and ensure a focused process.
- 3. Curriculum and activities: this package covers the basic innovation concepts and offers in-depth exploration of each innovation phase. This includes planning and concept design, prototype design innovation design, and commercialization. This section also includes a variety of methodologies from strategy development, premortems, SCAMPER, Make It Toolkit, or roadmapping, which can be useful and adaptable to a variety of innovation processes.
- 4. Final assessment tools, equipping participants with the basic tools to perform the final assessment of a Living Lab, which is crucial to understand whether participant expectations have been met, and to find future room for improvement and for further developments.

All these contents, including the guide and presentations, are accessible on the TECHLOG web platform. This makes it an educational resource not only for training participants but also for a wider audience, interested in enhancing change and innovation within their organizations. The guide and presentations are freely available to anyone seeking insights into how to drive effective change management.

The practical impact of these contents is amplified through the collaboration with facilitators and aggregators. They possess a deep understanding of enterprise needs and of the techniques for engaging with the transportation and logistics sectors. This collaboration aims to create advocates for innovation within sectors' organizations.

TECHLOG's training empowers professionals to detect needs, explore solutions, and build a network at a national and international level: this facilitates technological transfer and inspires the implementation of innovative ideas, crucial for the development of a cooperative network across the Mediterranean.

CONCLUSION WITH INFOGRAPHICS – LOGOS – CALL TO ACTION – DISCLAIMER









7. Screenshots

7.1 Tutorial "Simulation opportunities for quay crane operators"





This document has been produced with the financial assistance of the European Union under the ENI CBC Mediterranean Sea Basin Programme. The contents of this document are the sole responsibility of the Confederation of Egyptian European Business Associations and can under no circumstances be regarded as reflecting the position of the European Union or the Programme management structures.



















7.2 Tutorial "Simulation opportunities for truck drivers"













HTTPS://TECHLOGPROJECT.COM

NOW























This document has been produced with the financial assistance of the European Union under the ENI CBC Mediterranean Sea Basin Programme. The contents of this document are the sole responsibility of the Confederation of Egyptian European Business Associations and can under no circumstances be regarded as reflecting the position of the European Union or the Programme management structures.

INNOVATION TRAINING PACKAGE

TECHLOG









8. Promotional video. Concepts and scripts

8.1 Structure of the video

- Short opener with logo, project and partners' references.
- Interviews that briefly introduce project goals, pilot actions, simulators and their advantages.
- Shooting of the simulators and its main screens.
- Further shooting supported by texts/infographics to enhance the message (context, benefits and advantages).
- Testimonials to highlight the impact on workers.
- Links and call to action for information requests, training opportunities, social benefits and positive returns of the project in EU context.

8.2 Main speakers

- Prof. Eng. Gianfranco Fancello, TECHLOG Scientific coordinator, University of Cagliari CIREM (representing the TECHLOG WESTERN Living Lab).
- Assoc. Prof. Dr. Sandra Haddad, TECHLOG Technology Transfer and Pilot Actions leader, Arab Academy, Egypt (representing the TECHLOG WESTERN Living Lab).
- Testimonials from Living Labs' Pilot Actions.
- All people in the video have consented to the use of their image.

8.3 Targets

- Eu-Med (trans)port organizations/institutions
- EU-Med (trans)port enterprises
- Research Organizations
- Institutions and organizations operating in the EU-Mediterranean (trans)port sector
- Truck drivers
- Quay crane operators
- Innovation trainers
- Port authorities









8.4 Script

Intro – speakers: Testimonials

Hi, my name is Emanuele and I'm a crane operator at the Piombino Logistics.

I am Bilel Jmal. I work at the GMS society at port of Sfax.

My name is Antonio Gregorio Gómez. I work for the Estibarna stevedoring society at the Port of Barcelona.

I came here to try the crane simulator.

We tested the simulators this afternoon.

For me it is the first time that I see simulators.

Opening with Logo, project and partners' references

CHAPTER: WHY TECHLOG - SPEAKER: Prof. Eng. Gianfranco Fancello

TECHLOG is a project funded by ENI CBC MED. TECHLOG involves five different countries around the Mediterranean: Italy, Spain, Lebanon, Tunisia and Egypt. There are several partners from academia, from enterprises and other stakeholders.

So, we have three main objectives in TECHLOG. One is to improve the common standards for qualification workers' activity and for training for new workers.

The second is to introduce an ICT process and an innovation process in training, in logistics and transports area.

Third objective is to promote a platform to share this experience and to increase the common standards for the qualification process.

Chapter: pilot actions - SPEAKER: Assoc. Prof. Dr. Sandra Haddad

TECHLOG partners carried out four pivotal pilot actions in Cagliari, Sfax, Alexandria and Beirut. These initiatives were designed to test Innovative training methods using simulators and workstations, focusing on different aspects of driving performance: stress and fatigue, safety, eco-driving and productivity.

Skilled simulation technicians carried out these actions receiving support from project-trained "Innovation trainers".

Chapter: techlog results - speaker: Assoc. Prof. Dr. Sandra Haddad

The four pilot actions allow involved operators to experience and refine the proposed technology transfer and innovation in real life scenarios in order to evaluate their potential impacts before their implementation ensuring a comprehensive evaluation of the developed training methods collectively addressing evolving work requirements and common standards.









The TECHLOG project reached several significant milestones, The most notable of which was the establishment of a Cross-border Open Lab to foster technology transfer between research centers specializing in driving simulators and transportation communities.

This includes a web platform and two physical Living Labs, classified as Western (Cagliari-Italy and SfaxTunisia), and Eastern (Beirut-Lebanon and Alexandria, Egypt).

These Living Labs function as collaborative spaces in which businesses and researchers collaborate to establish new innovative standards, and share technology cultivating an environment for continuous improvement and technological advancement in the port and transport sectors. A comprehensive training course for "innovation trainers" was also developed successfully exceeding the project's threshold of training 10 representatives from transport institutions to become innovation trainers in their respective sectors. Additionally, the project facilitated collaboration between more than 16 transport enterprises and research institutions working collectively to validate the developed technology transfer initiatives. All project results outcomes videos and experiences accumulated throughout the project are

All project results outcomes videos and experiences accumulated throughout the project are accessible on our dedicated website techlogproject.com. Our website serves as an interactive platform fostering transparency and knowledge sharing to inspire continued advancements in the field of port and transportation innovation.

Chapter: beyond techlog - speaker: Prof. Eng. Gianfranco Fancello

At the end of the TECHLOG project, I want to thank Sardinia Region, European Union and ENI CBC MED because they have decided to fund this very important and interesting project, making it possible to create a cooperation network, a straight relation between Southern and Northern Mediterranean, transforming the Mediterranean Sea in a common work and research area, where we are defining a common standard. I'm very happy that several workers and operators that participated at our pilot actions, give us a very interesting and positive feedback related to simulator application and innovative application. It means that the road that TECHLOG has defined, is good to improve the quality of life of workers and crane operators.

Chapter - impact on workers: testimonials

We tested the simulators this afternoon. As you can see, it's a Kone crane simulator. the consoles, the controls, are state-of-the-art.

I came here to try the crane simulator which I found it very, very useful for staff training and also for beginners to break even fear to drive a heavy vehicle. It's a really well working simulator.

I've been invited here and I am happy about this event and about the simulator training, it was honestly excellent. I encourage all drivers to do this experience. It was great.

Simulation seems genuinely good to me. We understand that it's a necessary step in the training for new crane operators in an early phase.









it's a good opportunity to enrich my skills and work on stress management, fatigue and optimizing time.

The simulator is well-designed for future generations of port crane operators.

My suggestion is that each company should have a driving simulator because it highly helps in a company of trucking.

I am very satisfied of this experience, very wonderful. There are things to improve, as there's always room for improvement, but overall, it's a good experience, and we believe it's very positive and can assist in the training of new crane operators.

I benefited from the program by understanding the importance of committing to safety regulations, exercising extreme caution, and being mindful of distances and dimensions while working.

It was a very good experience for me. Sincerely it's like I'm really driving. The simulator was excellent.

CONCLUSION WITH INFOGRAPHICS – LOGOS – CALL TO ACTION – DISCLAIMER CHAPTER - THANK YOU: ALL TESTIMONIALS SAY "THANK YOU" IN THEIR RESPECTIVE LANGUAGE









8.5 Screenshots









TECHLOG

