TRA Lisbon 2022

Technical Tours & Demonstrations

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"TRA2022 Conference Highlights" webinar | 26 September 2022

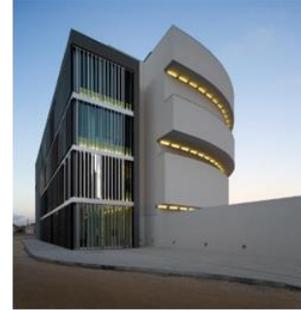# Technical tours & Demonstrations

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Technical tours

Technical tours

A total of 11 *Technical Tours* were organised, covering all transport modes and even intermodal systems, as follows:

- **Road:** 3 (museum of a public transport company operating buses, trams and funiculars + road administration traffic control centre + city public bike sharing service);

- **Railway**: 2 (railway operational control centre + metro line construction);

- **Maritime:** 2 (maritime coordination and control centre + cruise terminal);

- **Air:** 1 (air traffic control centre)

- **Intermodal or multi-modal**: 3 (road and railway bridge + two cities integrated management platforms / systems).

TT1. Pilar 7 Bridge Experience, consisting of an interactive and immersive experience that allows a unique discovery of the '25 de Abril' Suspension Bridge (road and railway infrastructures).

Technical tours | List

TT2. CARRIS Museum, offering participants the opportunity to travel back in time and getting to know the role of this public transport company in the development of Lisbon City.

Technical tours | List

TT3. Road Traffic Control Centre, enabling participants to acknowledge a road administration control centre, where road traffic is monitored in real time and support to traffic flow and user assistance is provided.

Technical tours | List

TT4. Railway Operational Control Centre, offering attendees an in-depth visit to a railway administration control centre, located in a building conceived to hold all the railway traffic control systems of the central area of Portugal.

TT5. Centre for Coordination and Control of Maritime Traffic and Safety, providing an insight into the operations of a maritime administration control centre, located at the entrance of the Tagus River estuary.

Homepage / The port / Safety and navigation / VTS
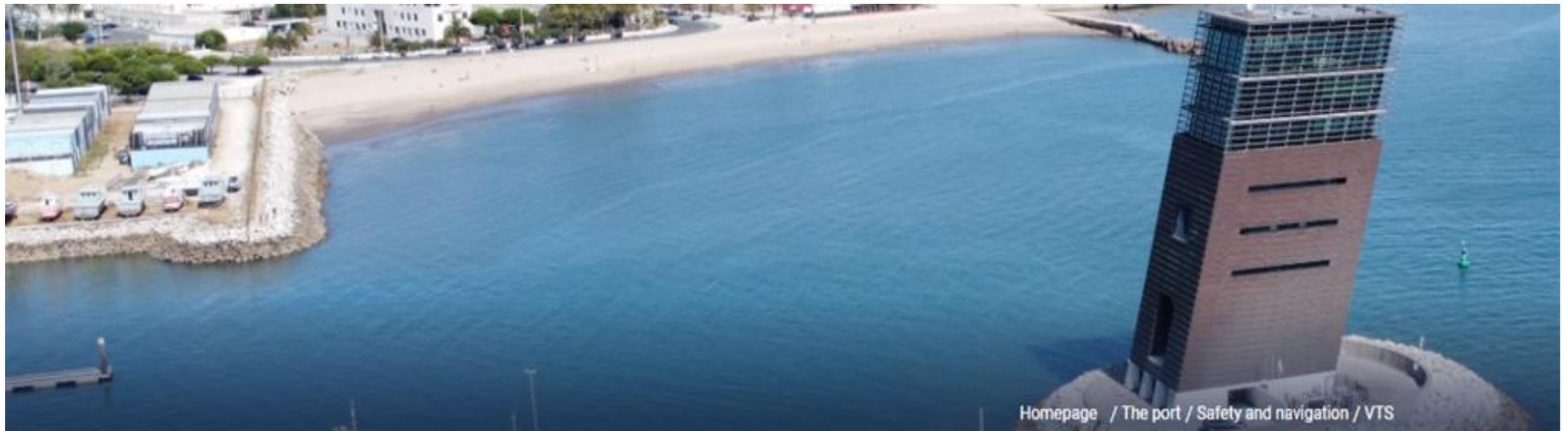
Technical tours | List

TT6. Lisbon Air Traffic Control Center, offering participants an insight into the operations of an air navigation control centre, located close to Humberto Delgado Airport, in Lisbon.

TT7. Metro Lisboa, providing participants the chance to learn about the expansion project of Lisbon metro line and to visit a metro tunnel under construction.

Technical tours | List

TT8. Lisbon Cruise Terminal, consisting of a tour to an architectural awarded building, part of the Lisbon cruise terminal, that is a reference in the international cruise market and places Lisbon among the best served ports in terms of this activity.

Homepage   / Nautical and cruises / Cruises / Cruise terminals / Lisbon Cruise Terminal

TT9. Lisbon Intelligent Management Platform, offering participants an in-depth visit to a city council's management and urban intelligence centre.
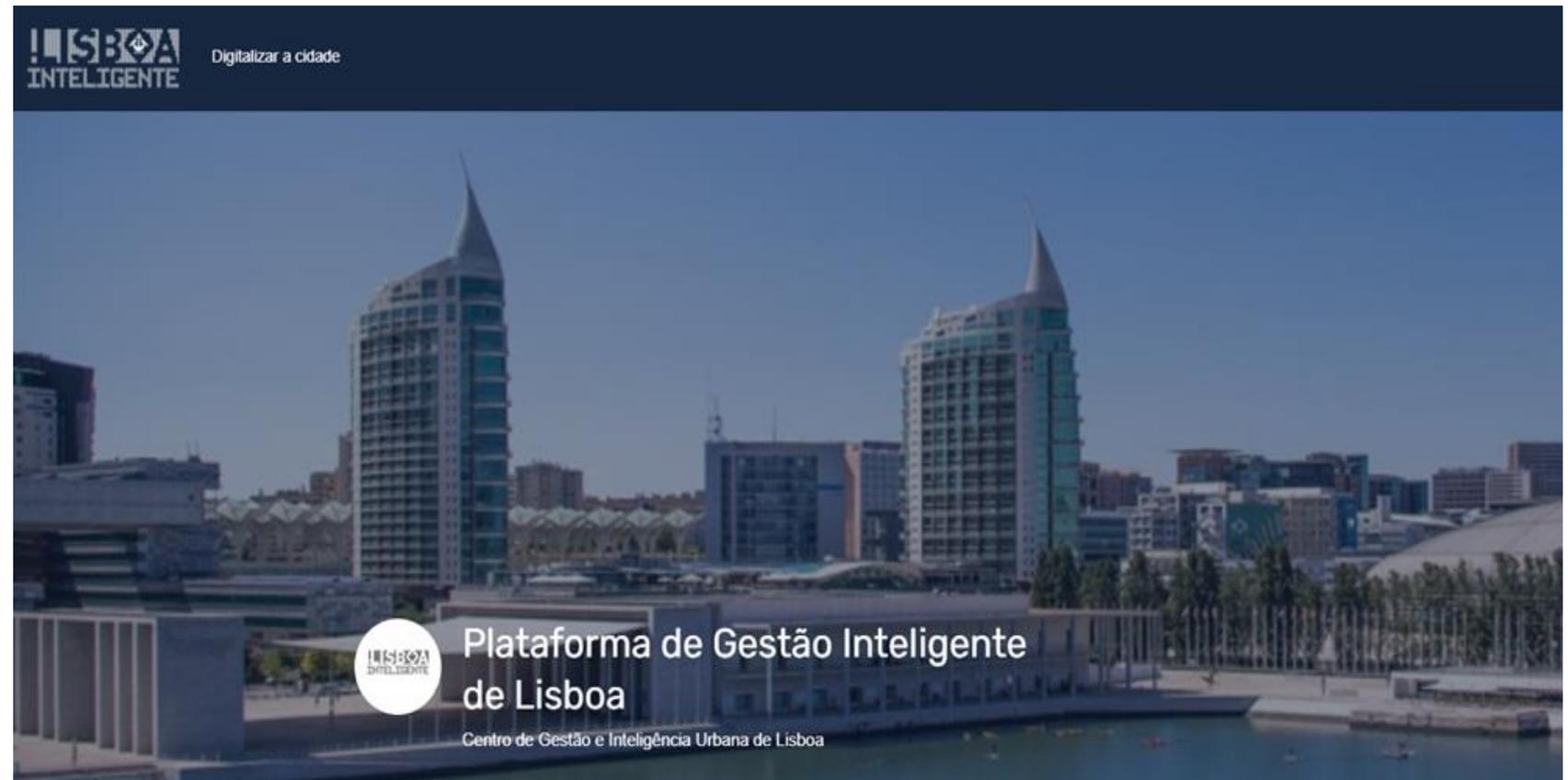
Technical tours | List
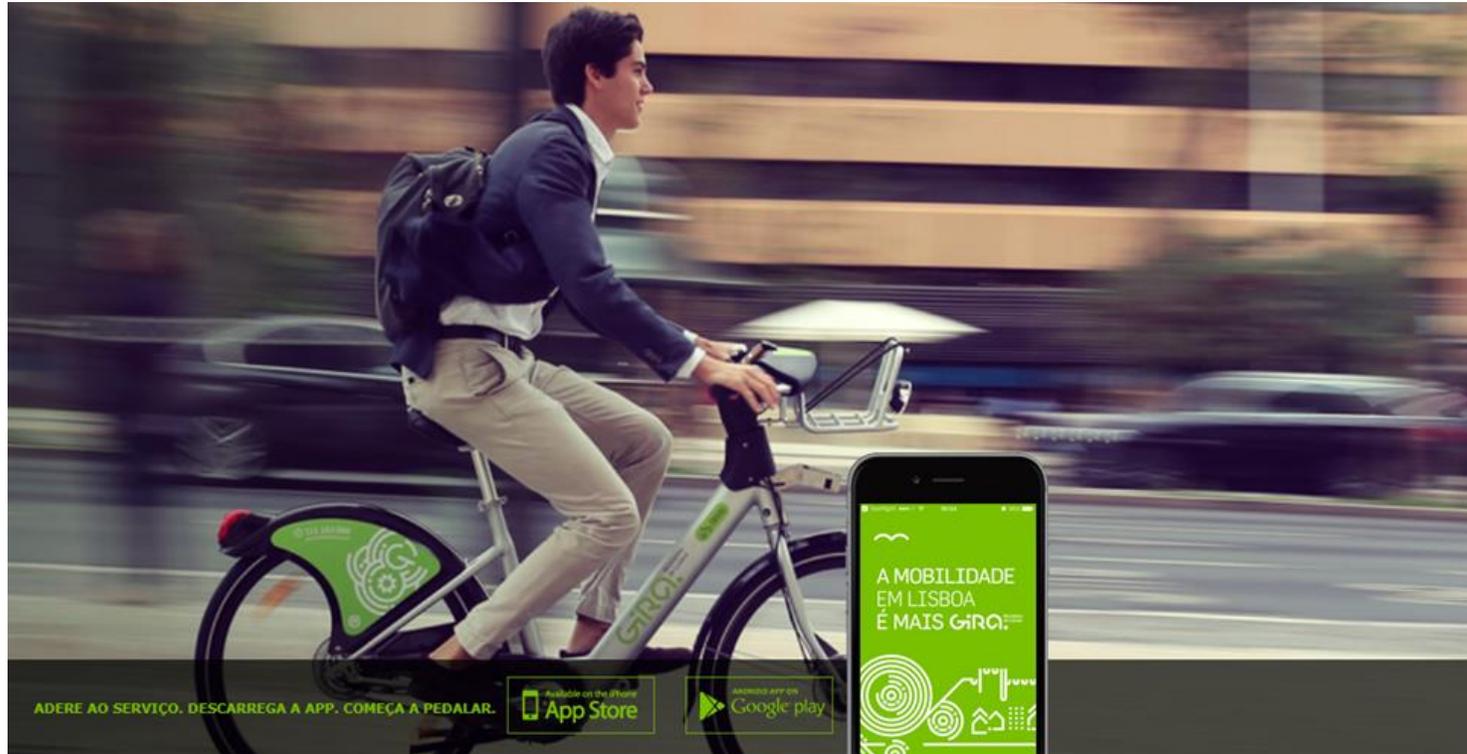
TT10. GIRA Lisbon Bicycles, giving participants the possibility of discovering a public bike sharing system, whose system integrates electric and conventional bicycles and a set of stations located at strategic points of the city.

Technical tours | List

TT11. MobiCascais, offering participants an insight into an integrated system for the management of the sustainable mobility of a municipality.

Technical tours | Timetable

Time		MONDAY 14.11.2022	TUESDAY 15.11.2022					WEDNESDAY 16.11.2022						THURSDAY 17.11.2022			
08:15	08:30						BUS				BUS						BUS
08:30	08:45			BUS		BUS			BUS				BUS		BUS		
08:45	09:00		BUS					BUS				TT7		BUS			
09:00	09:15		TT3 (15 pax)	TT5 (20 pax)	BUS	TT4 (15 pax)	TT7 (30pax)	TT3 (15 pax)	TT5 (20 pax)	BUS	TT4 (15 pax)	(30pax)	TT8 (25 pax)	BUS	TT3 (15 pax)	TT5 (20 pax)	BUS	TT4 (15 pax)	TT7 (30pax)
09:15	09:30																	
09:30	09:45		BUS	BUS	TT5 (20 pax)			BUS	BUS	TT5 (20 pax)		BUS	TT8 (25 pax)	BUS	BUS	BUS	TT5 (20 pax)	
09:45	10:00																	WALK
10:00	10:15				BUS	BUS	BUS			BUS	BUS	BUS		TT8 (25 pax)		BUS	BUS	BUS	TT1 (30 pax)
10:15	10:30																	
10:30	10:45													BUS				
10:45	11:00																	WALK
…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…
14:00	14:15											BUS						
14:15	14:30																	
14:30	14:45			BUS	BUS	BUS		BUS		BUS	BUS	TT9 (25 pax)						
14:45	15:00	WALK	WALK			WALK	BUS	WALK	BUS	BUS		WALK					
15:00	15:15	TT1 (30 pax)	TT2 (25 pax)	TT10 (25pax)		TT9 (25 pax)	TT1 (30 pax)	TT6 (20pax)	BUS	TT2 (25 pax)	TT10 (25pax)		TT1 (30 pax)				
15:15	15:30																
15:30	15:45				TT11 (20 pax)			TT6 (20pax)			TT11 (20 pax)	BUS					
15:45	16:00	WALK				WALK		BUS	WALK			WALK					
16:00	16:15		WALK	BUS		BUS		BUS	WALK	BUS							
16:15	16:30																
16:30	16:45																
16:45	17:00																
17:00	17:15			BUS						BUS							
17:15	17:30																

Demonstrations

https://traconference.eu/demonstrations

Demonstrations

- Demonstrations are important events that take place within and during TRA Conferences.

- A dedicated demonstration area enables interactive showcases of state-of-the-art technology innovations for business partners, researchers, and industry stakeholders.

Demonstrations

A total of 18 demonstrations are proposed, covering all TRA LISBON 2022 priority themes, covering all TRA LISBON 2022 priority themes, as follows:

- **Theme 1 "Smart Solutions and Society"** – 3 Demonstrations;

- **Theme 2 "Green Mobility and Decarbonisation"**: 7 Demonstrations;

- **Theme 3 "Innovative Infrastructure for Europe 2030"**: 6 Demonstrations;

- **Theme 4 "Policies and Economics for a Competitive Europe"**; 2 Demonstrations.

Demonstrations (1/3)

Demo ID: Title / Organization	Type of Demo	1 Smart Solutions and Society				2 Green Mobility & Decarbonisation				3 Innovative Infrastructure for Europe 2030				4 Policies and Economics for a Competitive Europe			
		1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2	4.3	4.4
Demo 2: Urban under-ground capsule pipeline for packages and waste / Omniloop	Indoors										x						
Demo 4: Road Condition Monitoring System for Vehicle Fleets / Joanneum Research	Indoors			x													
Demo 5: The Mobility Compass - exploring interdisciplinary research networks / Saxon State & University Library Dresden	I (standard) - Indoors																x
Demo 7: You ride, you earn / Pin Bike	I (standard) - Indoors							x									
Demo 8: DREAMS project real-time driver assistance and post-trip gamification technology / Barraqueiro Transportes, S.A.	III - Outdoors												x				
Demo 10: SAFE-UP: Proactive Safety systems demos / Applus IDIADA	II (standard) - Indoors										x	x					

Demonstrations (2/3)

Demo ID: Title / Organization	Type of Demo	1 Smart Solutions and Society				2 Green Mobility & Decarbonisation				3 Innovative Infrastructure for Europe 2030				4 Policies and Economics for a Competitive Europe			
		1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2	4.3	4.4
Demo 11: ACHILES enhanced AUDI Q2 / Vrije Universiteit Brussel	II (standard) - Indoors					x	x										
Demo 12: Safe and Secure software updates for non-stop transport / TTTech Auto AG	II (standard) - Indoors												x				
Demo 13: MobileCityGame /Fraunhofer Institute for Systems and Innovation Research ISI	II (standard) - Indoors					x		x									
Demo 14: An Iterative Risk Assessment Framework for Climate change Adaptation in Pavement and Maintenance Strategies: A software Demo / Maxint	I (standard) - Indoors										x						
Demo 15: Innovative, safe electric kick-scooter and inflatable helmet / Three o'clock	II (standard) - Indoors							x									
Demo 16: Supporting an Equitable Road Infrastructure Future with a National Agent Based Model / Arup & TII	II (standard) – Indoors													x	x		

Demonstrations (3/3)

Demo ID: Title / Organization	Type of Demo	1 Smart Solutions and Society				2 Green Mobility & Decarbonisation				3 Innovative Infrastructure for Europe 2030				4 Policies and Economics for a Competitive Europe			
		1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2	4.3	4.4
Demo 18: World's first proven electric tugboat ZEETUG30 / NAVTEK Naval Technologies	I (standard) - Indoors					x	x										
Demo 19: Traffic Speed Deflectometer / GreenWood Engineering	III - Outdoors									x							
Demo 20: AWARD project overview / EasyMile	I (standard) - Indoors		x		x												
Demo 21: V_REX – Emission Free Offshore Transport / V-Rex GmbH	II (standard) - Indoors					x			x								
Demo 22: Smart Susa Valley / TELT sas	Indoors		x														
Demo 23: Gender equality in crash safety / VTI	Indoors	x															

Demonstrations

Theme 1 "Smart Solutions and Society" – 4 Demos:

Demo 4: Road condition monitoring system for vehicle fleets

Demo 20: AWARD project overview

Demo 22: Smart Susa Valley

Demo 23: Gender equality in crash safety

Demonstrations

Theme 2 "Green Mobility and Decarbonisation" – 6 Demos:

Demo 7: Demo You ride, you earn

Demo 11: ACHILES enhanced AUDI Q2

Demo 13: MobileCityGame - Exploring the mobility transition towards 2050 with serious gaming

Demo 15: Innovative, safe electric kick-scooter and inflatable helmet

Demo 18: World's first proven electric tugboat ZEETUG30

Demo 21: V_REX – Emission Free Offshore Transport

Demonstrations

Theme 3 Innovative Infrastructure for Europe 2030" – 6 Demos:

Demo 2: Urban under-ground capsule pipeline for packages and waste

Demo 8: Live demonstration of H2020 i-DREAMS project real-time driver assistance and post-trip gamification technology

Demo 10: SAFE-UP: Proactive Safety systems demonstrations

Demo 12: Safe and Secure software updates for non-stop transport

Demo 14: An Iterative Risk Assessment Framework for Climate change Adaptation in Pavement and Maintenance Strategies: A software Demonstration

Demo 19: Traffic Speed Deflectometer

Demonstrations

Theme 4 "Policies and Economics for a Competitive Europe" – 2 Demos:

- Demo 5: The Mobility Compass - exploring interdisciplinary research networks

- Demo 16: Supporting an Equitable Road Infrastructure Future with a National Agent Based Model
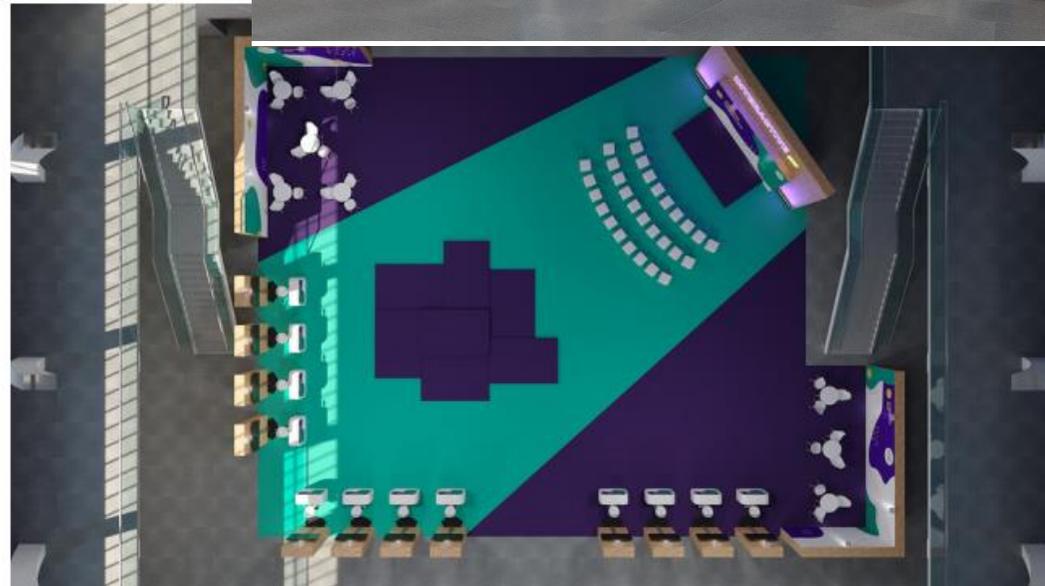
Demonstrations

STILL HAVE TIME TO SUBMIT A DEMONSTRATION

Don't miss the opportunity to participate

https://traconference.eu/demonstrations/