

# Transport Transitions:

Advancing Sustainable and Inclusive Mobility

# TRA

TRANSPORT RESEARCH ARENA

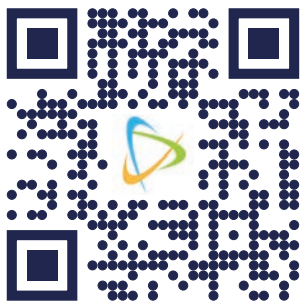
## DUBLIN 2024

10<sup>th</sup> CONFERENCE • 15-18 April



# Register to attend TRA 2024 in Dublin

## Deadline for our Early Bird Rate is 16 February 2024!



Scan the QR  
code to register





# Céad míle fáilte...

Transport Research Arena (TRA) will take place in Dublin, Ireland from Monday 15 through Thursday 18 April 2024. The programme is based around 900+ research papers and includes keynote and panel discussions from C-Level speakers across government, industry and academia.

The focus for TRA2024 is: **Transport Transitions: Advancing Sustainable and Inclusive Mobility.**

TRA, which takes place every two years, is the largest European transport and mobility event and brings together policymakers, researchers, academia and industry representatives, to discuss how research, innovation and technology can work together to shape our current and future transport and mobility systems.

It encompasses all modes - road, rail, air, water, and cross modality - in urban, inter-urban, and rural settings. We expect over 4000+ delegates to attend TRA2024 Dublin across a 160,000 m<sup>2</sup> campus in the Royal Dublin Society (RDS).

The event in Dublin will be the 10th edition of TRA and the first time it will be held beyond mainland Europe. Minister Eamon Ryan is the TRA2024 President, Minister Jack Chambers the Vice President, and the Department of Transport is the official Host, supported by Transport Infrastructure Ireland and the European Commission.

## TRA2024 Hosts

Hosted by



**An Roinn Iompair**  
Department of Transport

Co-organised by





# Why attend?

*Global transport challenges require global transport solutions.*

The purpose of the conference is to address the challenges in transport and mobility. TRA utilises technical paper submissions to explore the most advanced research works and innovations, the latest technological and industrial developments and implementations, and innovative policies, in Europe and worldwide.

## **TRA supports:**

- Research, industry, public administrations, transport operators, users, and other stakeholders across all transport modes.
- Policy makers framing research and transport policy.
- New ideas, technological solutions, and new business models.
- Experiencing the future of transport and mobility.
- Mobilising the best brains and exchanges of information and best practices.

## **TRA 2024 will provide attendees with an opportunity to:**

- Leverage your attendance to network, connect, sell, promote and partner with 4000+ transport and mobility professionals.
- Showcase your brand at Europe's largest transport and mobility, research and technology event.
- Enhance your transport policies, strategies and research knowledge base whilst contributing and shaping a shared global transport and mobility future.
- Demonstrate your transport and mobility products, services and skills via a dedicated exhibition space to a global audience.

Organised by



# High-level Speakers



**Minister Eamon Ryan**  
Minister for the Environment,  
Climate, Communications and  
Transport



**Magda Kopczyńska**  
Director-General for Mobility  
and Transport within the  
European Commission



**Signe Ratto**  
Deputy Director-General,  
DG Research & Innovation,  
European Commission



**Rosalinde van der Vlies**  
Director, DG Research &  
Innovation, European  
Commission



**Minister Jack Chambers**  
Minister of State in the  
Department of Transport and the  
Department of the Environment,  
Climate & Communications



**Dr Robert Hampshire**  
US Deputy Assistant Secretary for  
Research and Technology



**Dr. Rudolf Bencker**  
Senior Vice President, New  
Technologies and China BMW AG



**Claes Berglund**  
Director Public Affairs &  
Sustainability, Stena AB



**Mr Zeno D'Agostino**  
Chair of the European Sea Ports  
Organisation & President of the  
Port Network Authority of the  
Eastern Adriatic Sea



**Carole Desnost**  
SNCF Chief Technical Officer



**Mr Rodrigo da Costa**  
Executive Director EUSPA



**Tjark de Vries**  
CEO, Strukton Rail Netherlands/  
Belgium

# High-level Speakers



**Paddy Flynn**  
VP GEO-Strategy, Execution and Operations (GPIO) Google



**Anne Graham**  
CEO, National Transport Authority



**Ms Asunción Gómez-Pérez**  
Vice-Rector for Research, Innovation & Doctoral Studies, Universidad Politécnica de Madrid



**Gerald Killmann**  
Vice President, Toyota Motor Europe



**Manolis Koutoulakis**  
General Secretary for the Aegean and Island Policy, Ministry of Maritime Affairs and Insular Policy



**David McRedmond**  
Chief Executive Officer, An Post



**Rob Morris**  
Siemens Joint CEO & MD of Rail Infrastructure



**Jennifer Schopfer**  
President, Connected Aviation Solutions Collins Aerospace



**Professor Sarah Sharples**  
Chief Scientific Adviser for the UK Department for Transport



**Peter Walsh**  
CEO, Transport Infrastructure Ireland

# Plenary Themes

## Day 1: Safe and Inclusive Transport

- Placing the user at the heart of policies and solutions to deliver more inclusive transport systems
- Enhancing our understanding of behavioural drivers
- Delivering sustainable and efficient modal choices with improved safety performance
- Transitioning to enable economic growth, supporting the single market and international co-operation
- Creating new employment opportunities, markets, skills, and training

## Day 2: Sustainable Mobility of People and Goods

- Addressing and the European Green Deal, delivering a 55% reduction in transport-related greenhouse gas emissions (GHGs) by 2030 and 90% by 2050
- Implementing multi-disciplinary research and innovation across all sectors of society to deliver sustainable mobility
- Fostering cohesion, reducing regional disparities, and improving connectivity and access to the internal market for all
- Discussing environmental impacts and loss of biodiversity
- Supporting greener mobility of people and goods via zero-emissions' vehicles and systems

## Day 3: Efficient and Resilient Infrastructure

- Scaling green and digital transport systems to meet the increasing demands
- Building in resilience to withstand and recover from disruptions
- Making use of new innovations to support appropriate management and investments, linking energy supply and access to raw materials as our transport systems move from fossil fuels to more sustainable alternatives
- Applying circular economy principles across all elements of the transport system
- Supporting the strategic autonomy of the European transport sector in a world of changing geopolitics regulation and conflict

## Day 4: Collaborative Digitalisation

- Utilising digitalisation as a key driver of change leading to efficiencies in all modes and the adoption of Intelligent Transport Systems (ITS)
- Automating mobility
- Mobility as a Service (MaaS)
- Accelerating the digital transition to data sharing and efficient European connectivity,
- Addressing governance, cyber security and open science and digital infrastructure (5G and beyond)
- Discussing the impact of artificial intelligence (AI) and other digital technologies

In addition to the daily horizontal themes above, Host Round Table Discussions have been arranged which will focus on the areas that will have the most impact on global transport and mobility over the upcoming years, as follows:

**Day 1 Host Ministerial Round Table – Transport Policy & Regulation**

**Day 2 Host Ministerial Round Table – Climate & Energy**

**Day 3 Host Ministerial Round Table – Investment & Delivery for Global Competitiveness**

**Day 4 Host Ministerial Round Table – Research & Innovation**

The discussion topics & high-level speakers for these Round Tables are currently in development.

# Technical Programme

## Theme 1 - Safe & Inclusive Transport

The coming decade will see green and digital transitions within the European transport sector, and social engagement and acceptance will be key for these changes to successfully take effect. There is an imperative to place the user at the heart of policies and solutions proposed to deliver a more inclusive transport system. A better understanding of behavioural drivers will lead to more sustainable and efficient modal choices with improved safety performance. These transitions will also be an enabler for economic growth, supporting the single market and international co-operation. This will create new employment opportunities, and the evolving transport sector will create markets for new skills and training.

## Theme 2 - Sustainable Mobility of People & Goods

Today transport represents about 25% of the EU's total greenhouse gas emissions (GHGs) and addressing this is a core element of the European Green Deal. Goals have been set of at least a 55% reduction in transport-related GHGs by 2030 and 90% by 2050. This must also be accompanied by reduced environmental impact and associated loss of biodiversity.

The path to sustainable mobility requires multi-disciplinary research and innovation across all sectors of society. Our transport systems must foster cohesion, reduce regional disparities, and improve connectivity and access to the internal market for all. There is a need for greener mobility of people and goods, supported by zero-emissions vehicles and systems.

## Theme 3 - Efficient & Resilient Systems

The green and digital transitions will offer significant opportunities to Europe's citizens and businesses, but their success will also be dependent on a transport system that can meet the increasing demands. Recent experiences have shown that our transport systems may be subjected to disruption (pandemics, climate change, cyber-attacks etc) – their resilience to withstand and recover from these is essential. This places increased demands on our infrastructures and operations, which must make use of new innovations to support appropriate management & investment.

This required resilience will also link to energy supply and access to raw materials, as our transport systems move from fossil fuels to more sustainable alternatives. There is a clear need to apply circular economy principles to all elements of the transport system. Finally, strategic autonomy of the European transport sector will become key in a world of a changing geopolitical context.

## Theme 4 - Collaborative Digitalisation

Digitalisation is a key driver of change in the transport sector and will lead to efficiencies in all modes, through solutions such as Intelligent Transport Systems (ITS), automated mobility, Mobility as a Service (MaaS) etc. The digital transition will place data sharing as a key requirement for Europe to achieve efficient connectivity, leading to open questions on governance, cyber security and open science. Digital infrastructure (5G and beyond) will be a key enabler, as will the use of artificial intelligence (AI) and other digital technologies.

### Sub Themes

#### 1.1

Transport Safety

#### 1.2

Future Workforce & Skills

#### 1.3

People-Centred & Inclusive Transport

#### 1.4

Transport Policy

### Sub Themes

#### 2.1

Urban, Regional & Rural Transport

#### 2.2

Zero Emissions Transport

#### 2.3

Impact on Health & the Environment

#### 2.4

Logistics & Sustainable Transport

### Sub Themes

#### 3.1

Resilient Infrastructure

#### 3.2

Resilient Networks & Operations

#### 3.3

Circular Economy & Life Cycle Assessments

#### 3.4

Transport Energy Transition

### Sub Themes

#### 4.1

Digital Transition

#### 4.2

Transport Data Sharing

#### 4.3

Connected, Cooperative and Automated Mobility

#### 4.4

Digital Transport Infrastructure

# Preliminary Programme

## Monday 15th April

### Opening Ceremony

### Plenary: Safe & Inclusive Transport

### Lunch & Exhibitor Sessions

#### Strategic Sessions:

- From Research to Evidence-based Transport Safety Strategies – Towards Vision Zero
- Future Workforce & Skills
- People Centred & Inclusive Mobility

Up to 9 Scientific & Technical Sessions  
1 Dedicated Poster Session  
6 Special Sessions

Up to 18 Scientific & Technical Sessions  
1 Dedicated Poster Session  
6 Special Sessions

### Host round table: Transport Policy & Regulation

## Wednesday 17th April

Up to 18 Scientific & Technical Sessions  
1 Dedicated Poster Session  
6 Special Sessions  
Horizon Europe Brokerage B2B meetings (9am – 1pm)

### Plenary: Efficient & Resilient Systems

### Lunch & Exhibitor Sessions

### Horizon Europe Proposal Pitching Session (1pm – 2.30pm)

9 Scientific & Technical Sessions  
1 Dedicated Poster Session  
6 Special Sessions  
Horizon Europe Brokerage B2B meetings (2pm – 5pm)

#### Strategic Sessions:

- The Resilient Transport Network: Enhancing & Maintaining
- Europe's Infrastructure to Cope with Decarbonization & Climate Change
- Circular Economy Ecosystems for EU Transport
- Electrification of Surface Transport
- Sustainable Alternative Fuels

Up to 9 Scientific & Technical Sessions

### Host round table: Investment & Delivery for Global Competitiveness

## Tuesday 16th April

Up to 18 Scientific & Technical Sessions  
1 Dedicated Poster Session  
6 Special Sessions

### Plenary: Sustainable Mobility of People and Goods

### Lunch & Exhibitor Sessions

Up to 9 Scientific & Technical Sessions  
1 Dedicated Poster Session  
6 Special Sessions

#### Strategic Sessions:

- Future Urban and Suburban Mobility Services
- Zero-emission Mobility, Health, and the Environment: Benefits and Future Challenges
- Logistics Decarbonisation Champions: Accelerating the Decarbonisation of Freight Transport

Up to 9 Scientific & Technical Sessions

### Host round table: Climate & Energy

### Conference Gala Event

## Thursday 18th April

Up to 18 Scientific & Technical Sessions  
1 Dedicated Poster Session  
6 Special Sessions

### Plenary: Collaborative Digitalisation

### Lunch & Exhibitor Sessions

#### Strategic Sessions:

- Connected, Cooperative and Automated Mobility: What Next for New Mobility Services?
- Human-Machine Interaction in a Multimodal Context
- How to Achieve Transport Data Sharing?

### Host round table: Research & Innovation

### Closing Ceremony



# Registration

## Early Bird Rates (Available until 23:59 CET on 16th February 2024)

Regular (4 Days).....	€850.00
Regular (1 Day).....	€395.00
Presenting author (technical paper or poster), reviewer.....	€650.00
Student/Young Researcher (4 days).....	€350.00
Before registration, students & young researchers are required to prove that they are eligible for the reduced fee.	
Low income country as per OECD (4 Days).....	€680.00
We are delighted to offer a reduced registration to those in a low income country (as per the definition of OECD).	

## Advance Rates (Applies to bookings from 17th February 2024 to 14th April 2024)

Regular (4 Days).....	€1,115.00
Regular (1 Day).....	€450.00
Presenting author (technical paper or poster), reviewer.....	€885.00
Student/Young Researcher (4 days).....	€450.00
Before registration, students & young researchers are required to prove that they are eligible for the reduced fee.	
Low income country as per OECD (4 Days).....	€892.00
We are delighted to offer a reduced registration to those in a low income country (as per the definition of OECD).	

## Onsite Rates (Onsite rates will apply from 15th April – 18th April 2024)

Regular (4 Days).....	€1,250.00
Regular (1 Day).....	€470.00
Student/Young Researcher (4 days).....	€470.00
Before registration, students & young researchers are required to prove that they are eligible for the reduced fee.	
Exhibitor (4 days).....	€450.00

### Group Registrations

#### Bookings of 10 – 25 delegates:

10% discount

#### Bookings of 26 – 50 delegates:

15% discount

#### Bookings of 50 or more delegates:

20% discount

**Please note:** Discounts only apply to Regular Delegate Early Bird rates. Discounts can not be applied to day passes, presenting author / reviewer, student / young researcher or low income country rates.

### TRA 2024 Gala Event

Tickets for the TRA 2024 Gala Event on Tuesday, 16 April 2024, are available to book either at Registration or at any time before 1 April 2024.

Tickets are subject to availability and cost **€140.00 per person** plus VAT at 23%.

# Partnership Opportunities

TRA 2024 Partnership Summary Sheet	Diamond Partner €60,000	Platinum Partner €45,000	Gold Partner €30,000	Silver Partner €17,500	Bronze Partner €10,000
Branding on TRA 2024 partners page of website	✓	✓	✓	✓	✓
Use of TRA 2024 image in your promotional activities	✓	✓	✓	✓	✓
Industry Session - Pax 100	45 minutes	30 minutes	20 minutes		
Space only sq. m.	42 sq. m	28 sq. m	24 sq. m	12 sq. m	9 sq. m
Complimentary delegate tickets	6	5	4	3	2
Colour digital advert in the conference programme	Full Page Cover Position	Full Page	Half Page	Quarter Page	
Digital branding at the venue on all holding slides	✓	✓	✓	✓	✓
Digital insert in delegate pack	✓	✓	✓	✓	✓
Branding on all internal delegate communications - Circa 8 comms	✓	✓	✓		
Recognised in all TRA 2024 promotional communications related to the conference	✓	✓			
Recognised from the podium	At the Plenary Sessions, Welcome Reception and the start of each day	At the Plenary Sessions, Welcome Reception and the start of each day	At the Plenary Sessions and Welcome Reception	At the Welcome Reception	At the Welcome Reception
Profiled in the TRA 2024 members news communication as our	Tiered Partner	Tiered Partner	Tiered Partner	Tiered Partner	Tiered Partner
70 word e-mail blast to our TRA 2024 delegate distribution list. (opt in basis)	Three	Two	One		
Exposure on the app - Company logo, bio and contact details	✓	✓	✓	✓	✓
Opportunity to display a film on a large TV screen within the exhibition area (no audio)	Two minutes	90 seconds	One minute	30 seconds	
Free extra value option	Branded as our Lunchtime Catering Sponsorship for the day	Branded as our Coffee Sponsorship for one session			

# Horizon Europe Pitching and Brokerage Event



HORIZON EUROPE

Proposal Pitching and 1-to-1  
Meeting Opportunities  
April 17th 2024



Visit [traconference.eu](https://traconference.eu)  
for more information



## TRAVISIONS

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