

**SUMMITS**  
International ITS Summit **'24**  
2-3-4  
MAY  
Safe | Secure | Green | Integrated | Resilient

02/05/2024

# ITS perspectives from Europe

**Joost Vantomme**  
CEO ERTICO-ITS Europe  
Vice-President MaaS Alliance

[j.vantomme@mail.ertico.com](mailto:j.vantomme@mail.ertico.com)



  
**AUSTÜRKİYE**  
**ITS TÜRKİYE**



# European policy agenda ITS as horizontal touchpoints



- Increasing the uptake of zero-emission vehicles
- Making sustainable alternative charging solutions available to the public & businesses
- Supporting **digitalisation & automation**
- Improving **connectivity & access**

- **Data act, DGA/DMA/DSA**
- AI act
- **Cyber security Act**
- Cyber resilience (draft) Act
- **ITS directive & NAPs**
- **EU mobility data space(s)**
- Access to in-vehicle data
- Cloud computing rules
- Digital compass & 5G corridors
- **Chips act & software defined vehicles**

- Making the EU transport system **sustainable, smart and resilient**
- Automated mobility deployed at large scale by 2030
- 82 initiatives in 10 key areas
- deployment and management of ITS and connected and automated mobility, facilitate cross border AV, recharging infrastructure, 5G

- 112 **climate-neutral and smart European cities**
- Ensure these cities are experimentation and innovation hubs to support all European cities to become climate-neutral by 2050
- New **urban mobility** framework



# Engineering the new transport ecosystem

## HORIZON Europe Framework Programme (2020-2027)

- Decarbonisation
- Safety
- Efficiency

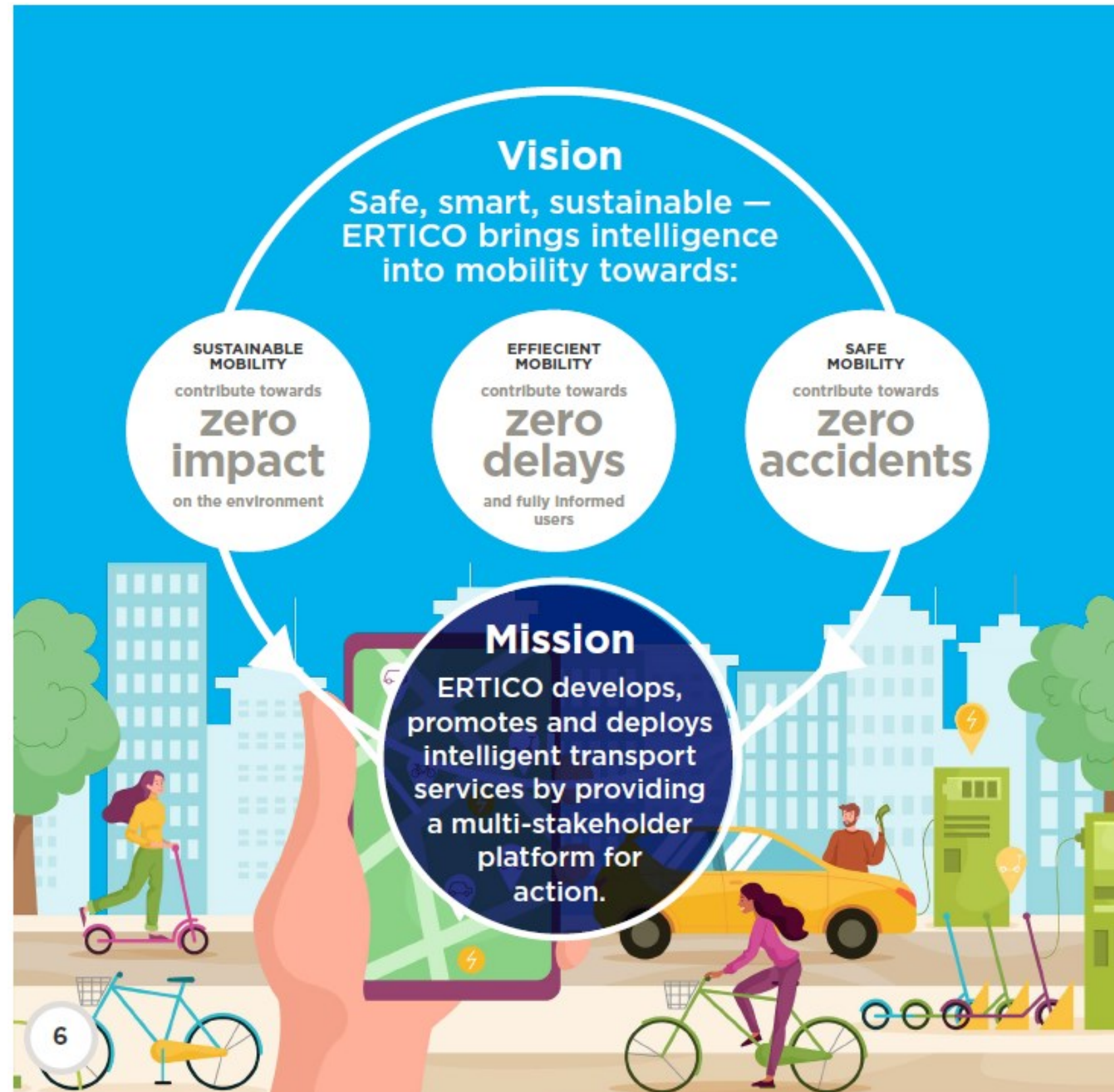
## Safe, resilient transport and smart mobility services for passengers and goods

- potential of data
- digital solutions
- functional safety issues and cybersecurity





# ERTICO current Focus Areas





# Efficient & Green MOBILITY



## New ITS priority areas

Information & mobility services



Travel, transport & traffic management services



Road safety & security



Cooperative, connected & automated mobility



# New EU Urban mobility framework



Focus on moving people and goods more sustainably in our cities, to make life easier for the rural and suburban commuters travelling to school or work, and to support cities in their role as essential transport hubs within the single market.



# Climate-neutral and Smart Cities Mission



- 100 **climate-neutral** and **smart cities** by 2030
- Ensure that these cities act as **experimentation and innovation hubs** to put all European cities in a position to become climate-neutral by 2050

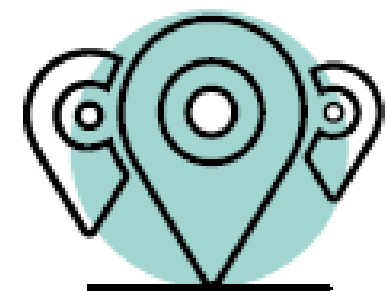
- 100 EU cities
- 12 cities from countries associated to Horizon Europe, the EU's research and innovation programme (2021-2027).



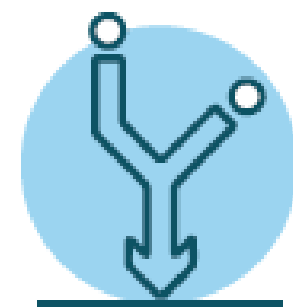
Cities from every Member State



Capital cities



Small, medium, large cities



Frontrunners and less prepared cities

- **Tailor-made advice and assistance** from the Mission Platform (managed by the [NetZeroCities](#) consortium)
- Unlocking additional **funding and financing opportunities** through a Mission label
- **Research & innovation funding opportunities** for cities to join large innovation actions, pilot projects and demonstrations (total budget from Horizon Europe for 2021-2023 is €360 million)
- Support through a national **coordination network**
- Networking opportunities, **learning and exchange of experiences** among cities
- Support with **involving citizens in decision-making**
- **High visibility** – raised political profile and attractiveness for investment and skilled workers



# ERTICO'S 2035 VISION

FOR A HOLISTIC  
MOBILITY ECOSYSTEM

*HUMAN-CENTRIC, SHARED, ON DEMAND*

DB

**Data Act and AI Act  
Open Mobility Data Centers**

Digitali  
zation

**Digitalization  
Cybersecurity**

C-  
ITS

**Connectivity, integration,  
automation & platforms**

CCAM  
AUTOMATION

GREEN MOBILITY  
IMPROVING  
CHARGING  
INFRASTRUCTURE  
AND  
ELECTROMOBILITY

INNOVATIVE  
TECHNOLOGIES TO  
INCREASE THE  
RESILIENCE OF  
TRANSPORT  
INFRASTRUCTURES

LOGISTICS 4.0  
LOGISTICS  
PHYSICAL INTERNET

DIGITAL SERVICES  
MaaS-LaaS  
Multimodality

ROBOTICS

FACILITATING THE  
EXCHANGE OF DATA  
IoT

ROAD SAFETY,  
CYBERSECURITY &  
TRUST

ADVANCING  
CONNECTIVITY- 5G  
AND BEYOND

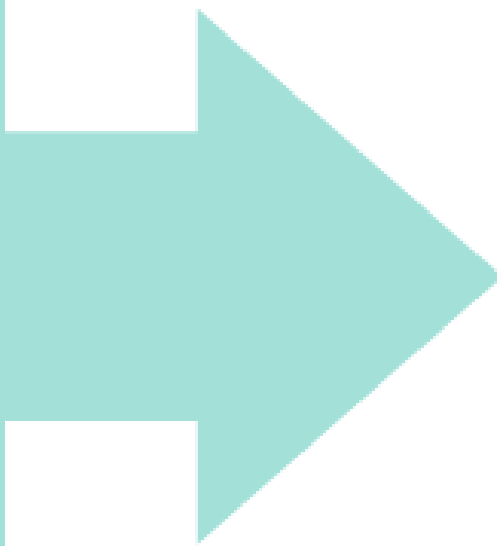
ARTIFICIAL  
INTELLIGENCE

UAVs- Drones



# New perspectives

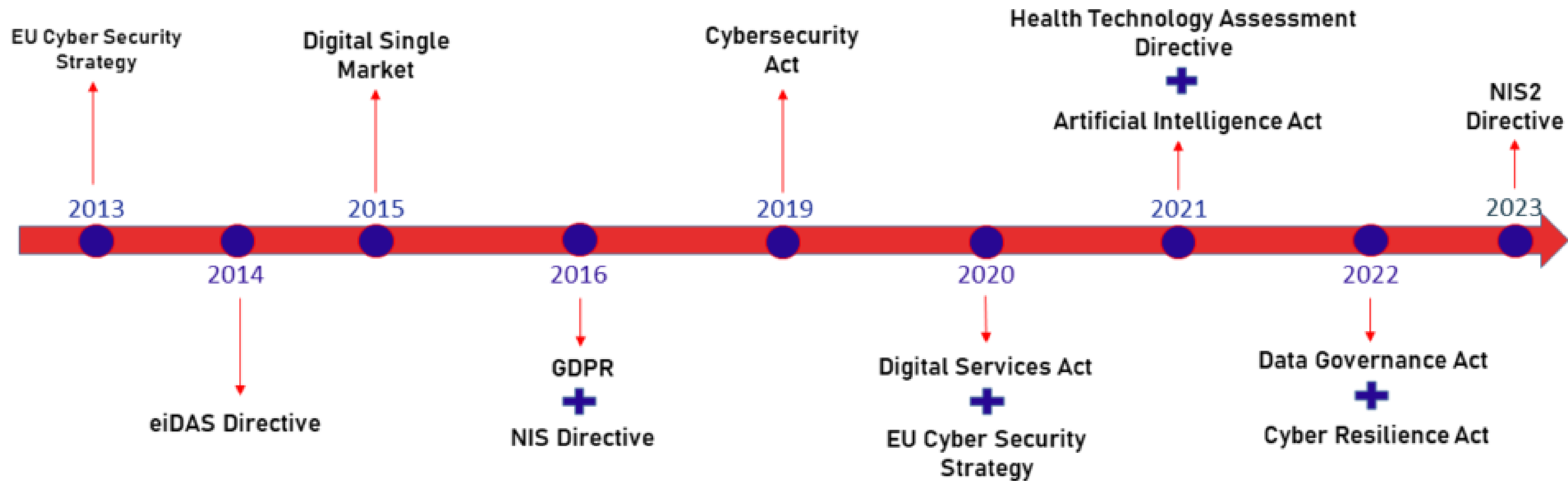
- Transport & mobility has become a horizontal framework for moving **people, goods and data**.
- The mobility of the future will be characterized by a more **connected, sustainable, and personalized digitalized transport system**, with a greater focus on the use of technology to improve efficiency, safety, and convenience.
- **Integration and interoperability** of transport modes and systems and multimodality are a requirement



- **Focus on infrastructure development:** resilient physical and digital infrastructure (telco/IT networks, 5G, IoT, AI, cloud/edge, roads, railways, airports, and ports)
- **Focus on safety:** improving safety in transport. This may involve measures such as investing in safer infrastructure, promoting better user education and training, and improving enforcement of traffic laws, as well as cybersecurity against potential cyber-threats.
- **Focus on societal impact & inclusion:** meeting societal needs for mobility while reducing environmental impacts and strengthening our economy.
- **Focus on user needs & skills** development
- **New generation** mobility: micromobility, microhubs and active mobility modes (cycling, walking, ...)
- Innovative **Air Mobility** (UAVs - drones)

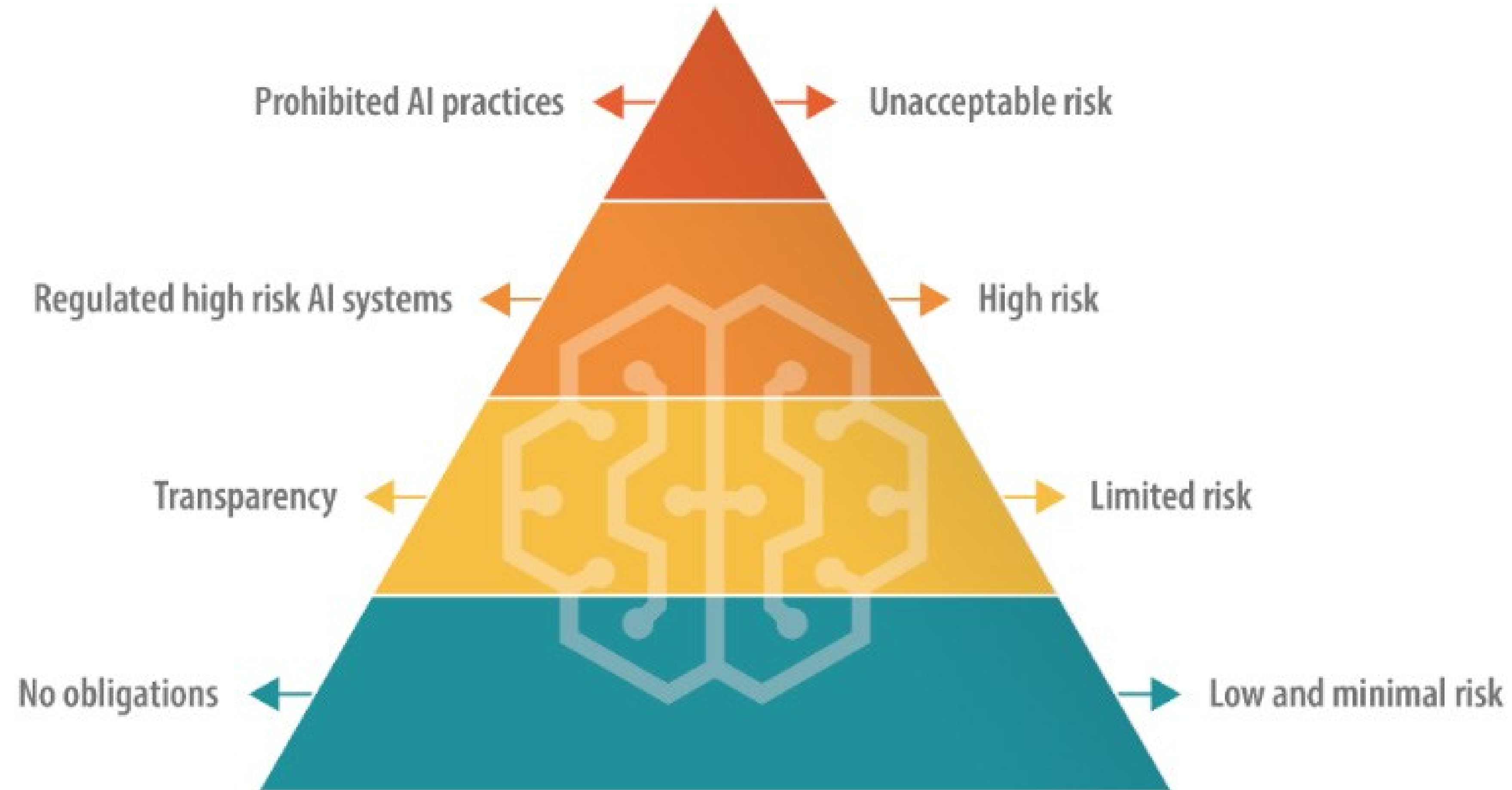


# EU cyber policy approach





# European Act on AI -> Risk based approach





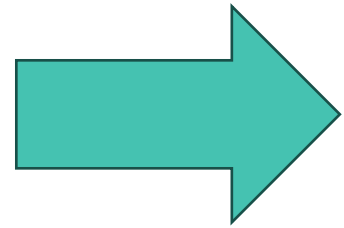
# High-risk applications under higher scrutiny

## 1 SAFETY COMPONENTS OF REGULATED PRODUCTS

(e.g. medical devices, machinery) which are subject to third-party assessment under the relevant sectorial legislation

## 2 CERTAIN (STAND-ALONE) AI SYSTEMS IN THE FOLLOWING FIELDS

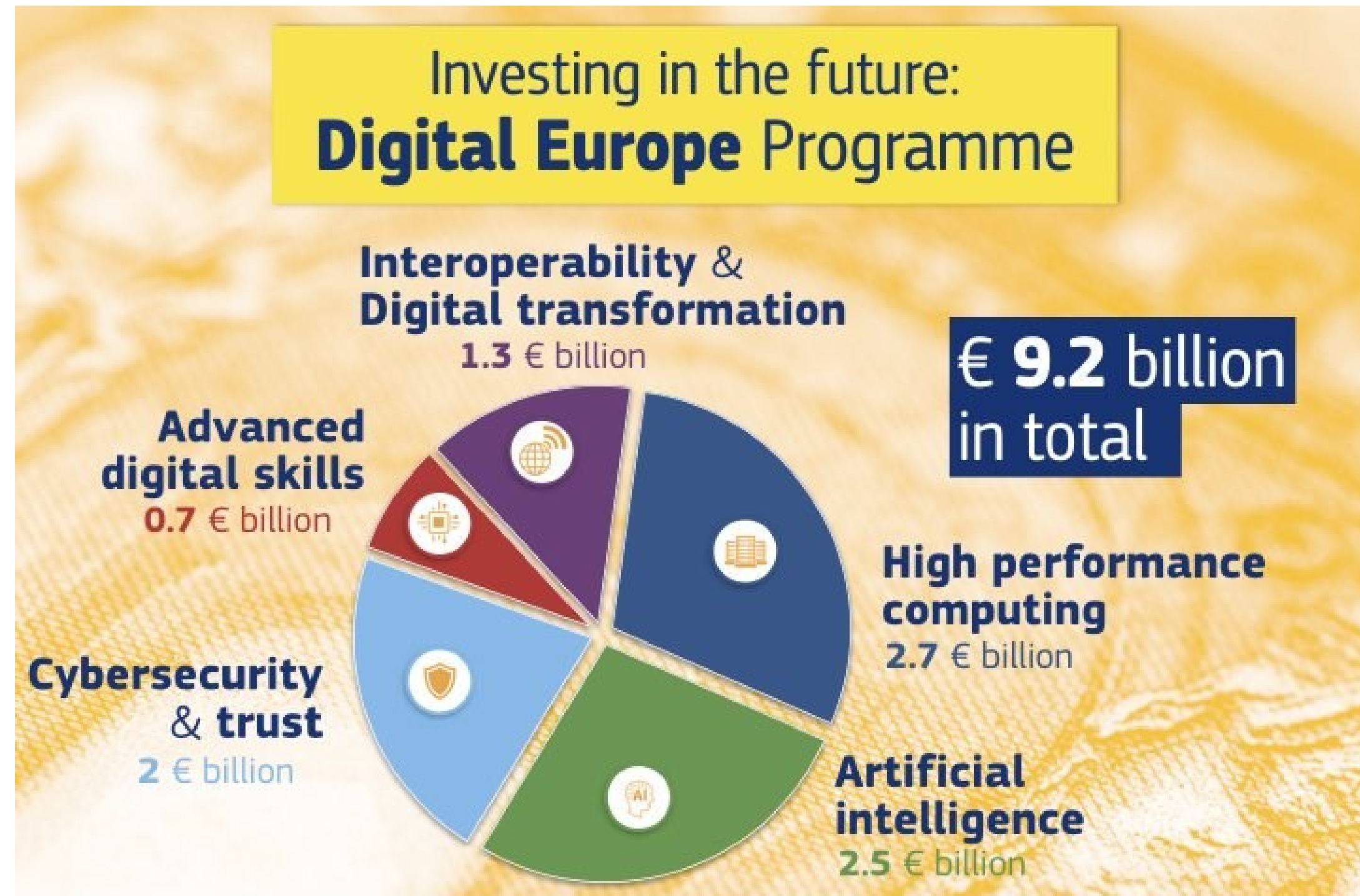
- ✓ Biometric identification and categorisation of natural persons
- ✓ Access to and enjoyment of essential private services and public services and benefits
- ✓ Management and operation of critical infrastructure
- ✓ Law enforcement
- ✓ Education and vocational training
- ✓ Migration, asylum and border control management
- ✓ Employment and workers management, access to self-employment
- ✓ Administration of justice and democratic processes



Management and operation of critical infrastructure



# Upcoming topics for R&I projects: Data & Digitalisation



#EUBudget  
#DigitalEurope



European Digital Infrastructure Consortium (EDIC)  
The European Digital Infrastructure Consortium (EDIC) is a legal framework aiding Member States to set up and implement multi-country projects.



EDIC Examples:

Local Digital Twin & Citiverse

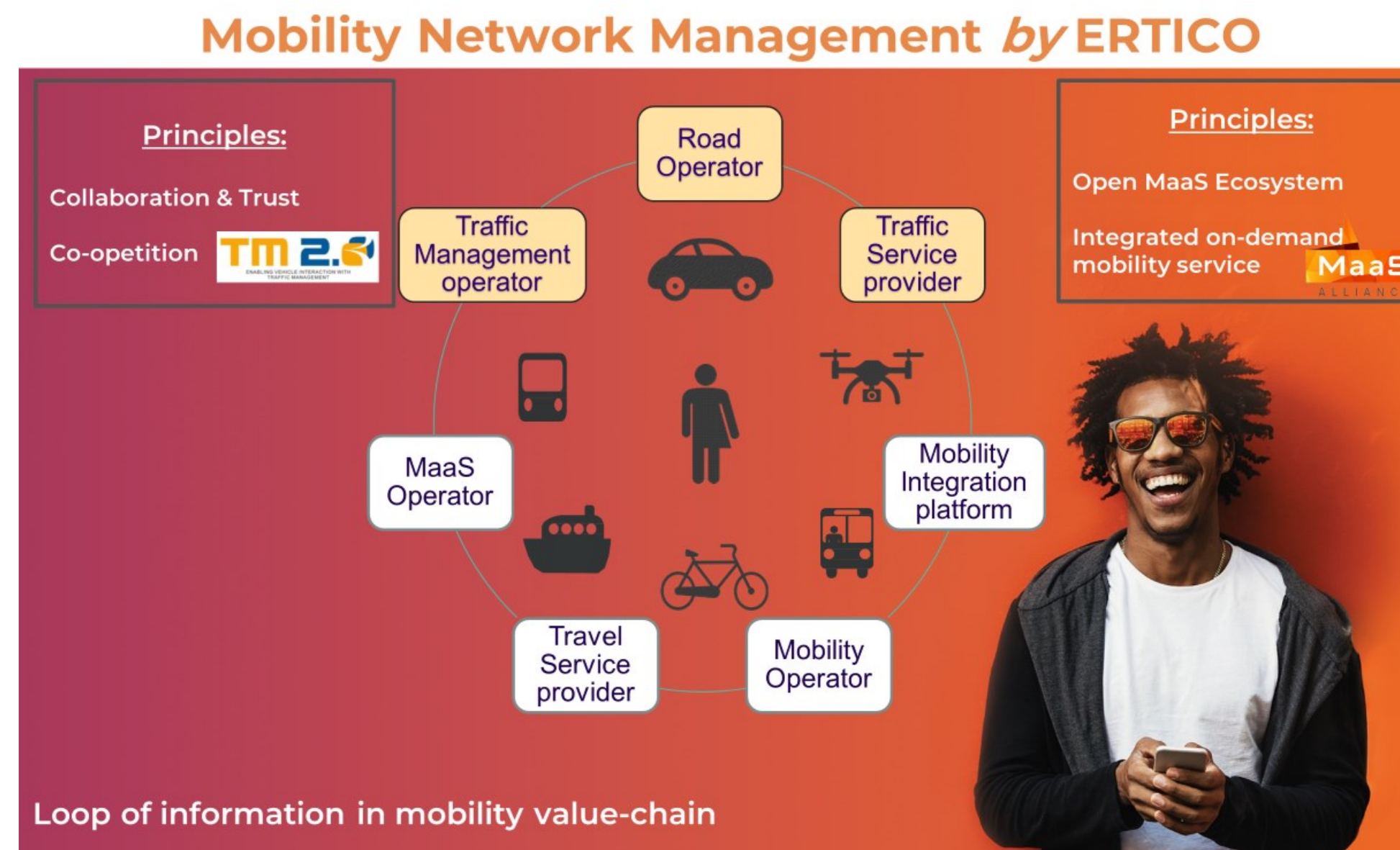
Mobility & Logistic Data

...

Source: <https://digital-strategy.ec.europa.eu/en/policies/edic>



# Upcoming topics for R&I projects: Multimodality







# Intelligent Transport Systems (ITS) Market Radar

ITS sectorial and market study

January 2024

<https://erticonetwork.com/ertico-presents-the-its-market-radar-a-strategic-foresight-into-the-industry-transformation/>

Released in January 2024

[Link to the report](#)



<https://erticonetwork.com/ertico-launches-the-new-podcast-connecting-dots-talks/>





# DUBAI ITS World Congress

16 -20 September 2024  
Mobility Driven by ITS



# #ITSDubai2024



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# PROGRAMME AT A GLANCE

**DUBAI**  
**ITS World Congress**  
 16-20 September 2024  
 Mobility Driven by ITS

## 2024 ITS World Congress Dubai - Programme at a Glance

Start	End	Monday 16 September	Tuesday 17 September	Wednesday 18 September	Thursday 19 September	Friday 20 September	Start	End		
08:30	09:00						08:30	09:00		
09:00	09:30	Specialist sessions	Plenary 1	Plenary 2	Plenary 3	Specialist sessions	Specialist sessions	09:00	09:30	
09:30	10:00									ITS Summit invitation only
10:00	10:30	Coffee Break	Specialist sessions	International Forum 1	Specialist sessions	International Forum 5	Coffee Break	10:00	10:30	
10:30	11:00	ITS Summit Lunch								Lunch
11:00	11:30	Specialist sessions	Specialist sessions	Regional Forum 1	Specialist sessions	Regional Forum 3	Specialist sessions	11:00	11:30	
11:30	12:00									Lunch
12:00	12:30		Specialist sessions	Regional Forum 2	Specialist sessions	Regional Forum 3	Specialist sessions	12:00	12:30	
12:30	13:00									Coffee Break
13:00	13:30		Press Conference	International Forum 2	Specialist sessions	International Forum 6	Specialist sessions	13:00	13:30	
13:30	14:00									Coffee Break
14:00	14:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	14:00	14:30	
14:30	15:00									Coffee Break
15:00	15:30		Doors Open to Ceremony	Specialist sessions	Specialist sessions	Specialist sessions	BOD invitation only	15:00	15:30	
15:30	16:00									Opening Ceremony
16:00	16:30		Welcome Reception	Specialist sessions	Specialist sessions	Specialist sessions	16:00	16:30		
16:30	17:00								Exhibition Opening	Specialist sessions
17:00	17:30		Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00	ITS Dinner 19:30-23:30	Event Partners Networking Opportunity Social Event	17:00	17:30		
17:30	18:00								Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00
18:00	18:30		Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00	ITS Dinner 19:30-23:30	Event Partners Networking Opportunity Social Event	18:00	18:30		
18:30	19:00								Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00
19:00	19:30		Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00	ITS Dinner 19:30-23:30	Event Partners Networking Opportunity Social Event	19:00	19:30		
19:30	20:00								Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00
20:00	20:30		Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00	ITS Dinner 19:30-23:30	Event Partners Networking Opportunity Social Event	20:00	20:30		
20:30	21:00								Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00
21:00	21:30		Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00	ITS Dinner 19:30-23:30	Event Partners Networking Opportunity Social Event	21:00	21:30		
21:30	22:00								Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00
22:00	22:30		Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00	ITS Dinner 19:30-23:30	Event Partners Networking Opportunity Social Event	22:00	22:30		
22:30	23:00								Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00
23:00	23:30		Event Partners Networking Opportunity Social Event	VIP Dinner (invitation only) 19:00-22:00	ITS Dinner 19:30-23:30	Event Partners Networking Opportunity Social Event	23:00	23:30		

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# FUTURE OF MOBILITY SUMMIT

Monday 16 September, 9:00-15:30

**DUBAI**  
ITS World Congress  
16-20 September 2024  
Mobility Driven by ITS

High-level roundtable discussions with Ministers, Mayors, Local Government Officials and C-Level Industry Leaders

Previous editions focused on smart mobility deployment.  
This year's Summit aims to **Establish global indicators** for measuring the impact of mobility transitions and progress toward sustainability goals.

## KEY FOCUS

- **Economy:** Investment, circularity
- **Technology:** AI, role of data
- **Social Factors:** Equity, accessibility, inclusion
- **Policy:** Agile, environmental targets

**Expected outcome:** coherent view of global sustainable mobility indicators

## Target output

- Immediate: A press release
- Post Congress: Coverage in the post-Congress report as the basis for a working paper on standards and benchmarks for resilient and sustainable mobility



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# CONGRESS WEBINARS

## 3 Webinars around Congress Topics

WEBINAR 1

27 MARCH

URBAN  
MOBILITY

WEBINAR 2

16 MAY, Thursday

CLEAN &  
ECO MOBILITY

WEBINAR 3

27 JUNE, Thursday

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# Upcoming ITS Congresses from ERTICO

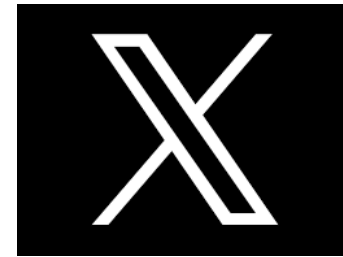
## Preferred candidate host cities:

- **2025 (first week of June): European congress in Seville, Spain**
- **2026 (first week of June): European congress in Istanbul, Türkiye**
- **2027 : World Congress in Birmingham, UK**

<https://itsworldcongress.com/ertico-announces-the-preferred-cities-to-host-the-2026-its-european-congress-and-the-2027-its-world-congress/>



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