



# MATIS Project General presentation

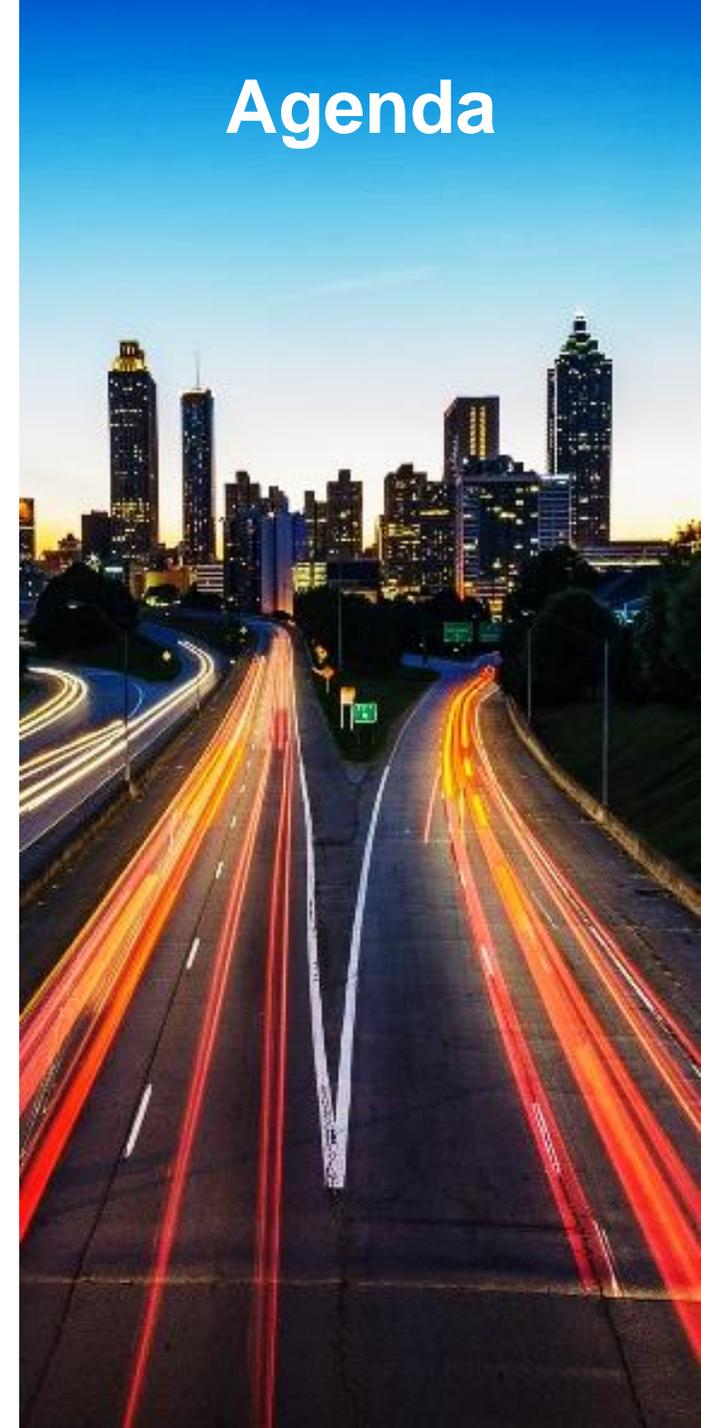


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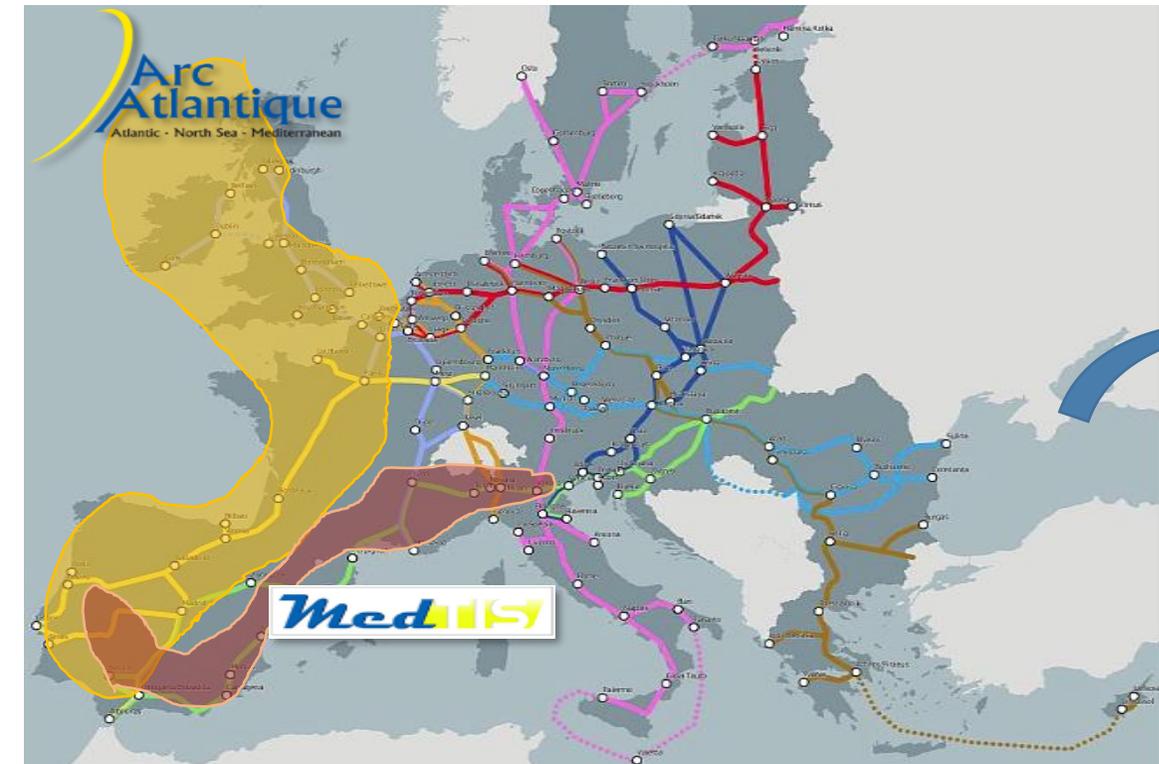


# Agenda

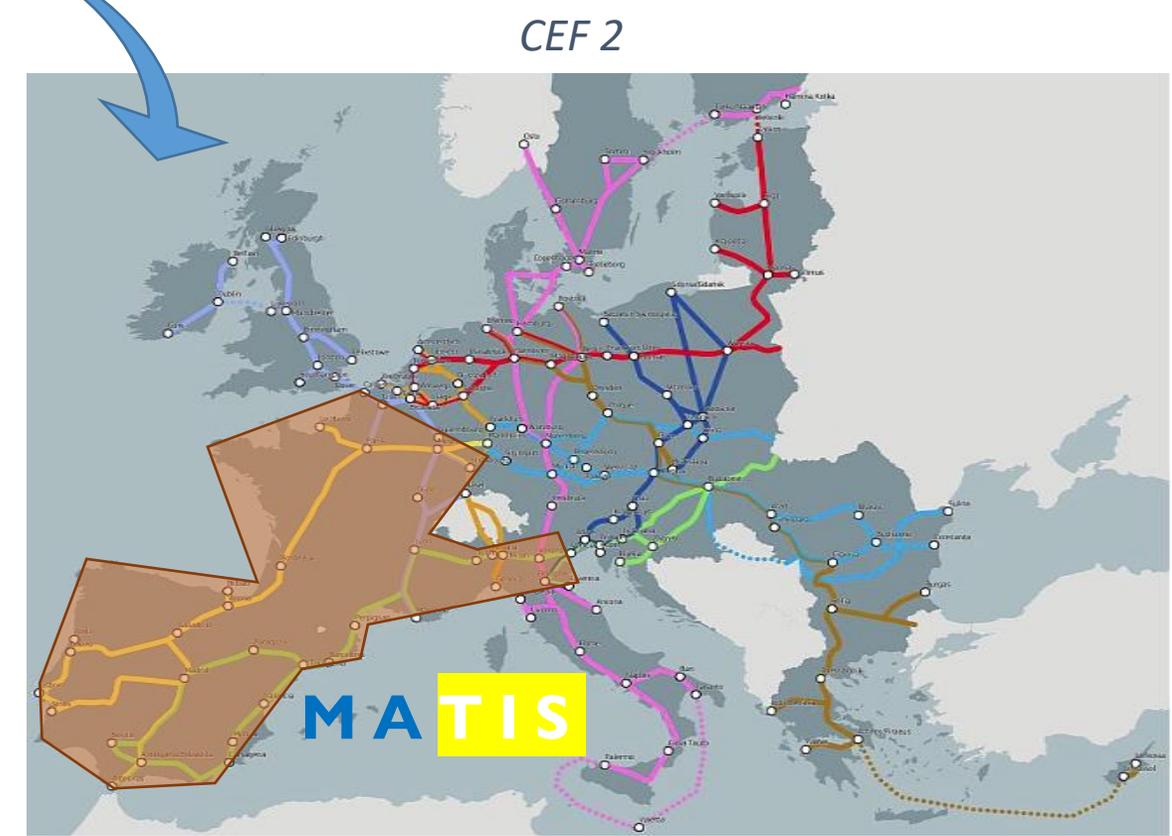
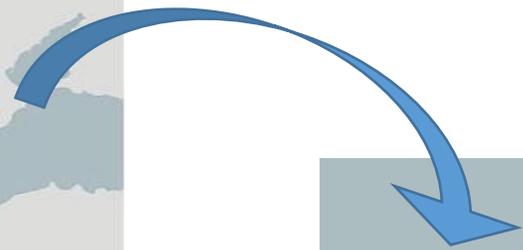
- 1 – From CEF1 to CEF2
- 2 – Overview of MATIS project
- 3 – Planning of work & activities
- 4 – Expected outcomes
- 5 – Next steps



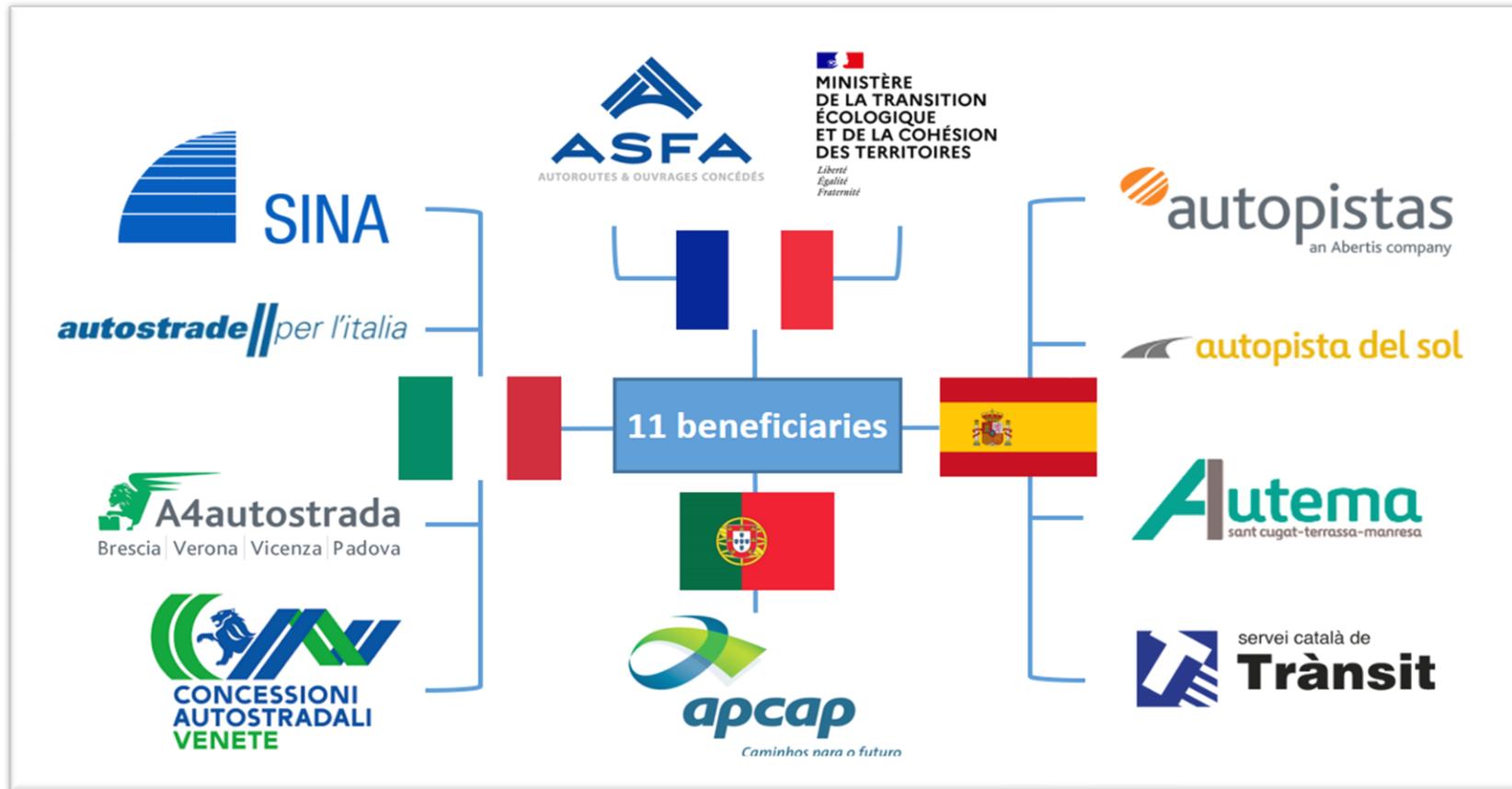
# From CEF1 to CEF2



CEF 1



CEF 2



- 4 countries
- 11 beneficiaries
- 28 affiliated entities
- 89 individual projects
- 8 000 km of core network
- 10 000 km of comprehensive network
- 8 cross-border interfaces

Budget of 124 M€ with a 50% funding rate

# Planning of work between 2023 and 2026

MATIS project	2023												2024												2025												2026																																																																															
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D																																																																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48																																																																				
<b>WP1 Project management, Evaluation, Coordination, Communication &amp; dissemination</b>																																																																																																																				
T1.1 Project Management													MS1	MS2													MS3													MS6													MS8													MS9																																																		
T1.2 Evaluation																									MS4													MS5																									MS10																																																					
T1.3 Communication & Dissemination																																					MS11																									MS12																																																						
T1.4 CrossCorridor coordination																									MS12													MS13													MS17													MS14																																																				
<b>WP2 ITS projects implementation</b>																																																																																																																				
T2.1 New generation ITS deployments enhancing Traffic Management services and traffic management plans, including cross-border plans (48 individual deployment projects)	40 ongoing projects												46 ongoing projects												36 ongoing projects												23 ongoing projects																																																																															
projects starting in 2023 (40)													MS15																																																																																																							
projects starting in 2024 (7)													MS22													MS16																																																																																										
projects starting in 2025 (1)																									MS21													MS17													MS18													MS19													MS20													MS24													MS25													MS21
T2.2 New generation ITS deployments enhancing user services and information (24 individual deployment projects)	18 ongoing												23 ongoing												16 ongoing												10 ongoing																																																																															
projects starting in 2023 (18)																																																																																																																				
projects starting in 2024 (5)																																																																																																																				
projects starting in 2025 (1)																																																																																																																				
T2.3 New generation ITS deployments enhancing road safety (33 individual deployment projects)	30 ongoing projects												32 ongoing projects												23 ongoing projects												15 ongoing projects																																																																															
projects starting in 2023 (30)																																																																																																																				
projects starting in 2024 (3)																																																																																																																				
T2.4 New generation ITS deployments enhancing operations and securing service delivery (24 individual deployment projects)	18 ongoing projects												22 ongoing projects												17 ongoing projects												13 ongoing projects																																																																															
projects starting in 2024 (18)																																																																																																																				
projects starting in 2024 (5)																																																																																																																				
projects starting in 2025 (1)																																																																																																																				
T2.5 C-ITS Deployments towards the connected and automated mobility (4 deployment projects)	4 ongoing projects												4 ongoing projects												4 ongoing projects												3 ongoing projects																																																																															

## WP1 :

- Project management
- Evaluation
- Communication & dissemination
- **Cross corridor coordination**

## WP2 :

- 89 implementation projects
- 5 sub-activities of ITS deployments :
  - Traffic management services
  - User services and information
  - Road safety
  - Operations and securing service delivery
  - Connected and automated mobility (C-ITS)

Category	Objectives by the end of the Action
Road safety	3 000 km deployed on TEN-T network enhancing road safety
Congestion & traffic	10 000 km deployed on TEN-T network reducing congestion and thus contributing to decarbonize road traffic
Traveler information services	3 500 km deployed on TEN-T network enhancing traveller information services
Operations and securing service delivery	3 000 km deployed on TEN-T network enhancing operations and securing service delivery
Congestion	3 % reduction of lost hours for road users during congestion on main strategic bottlenecks of the corridor (considering the same level of traffic along time)
Environment	3 % reduction CO2 emissions on main strategic bottlenecks of the corridor (considering the same level of traffic along time)

- Signature of the Grant Agreement: 13th October 2023
- MATIS implementation kick-off meeting : 18th December 2023
- Evaluation plan : June 2024



# MATIS Project Connection to NAPCORE



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- WP2 – ITS Project implementations
- TASK 2.2: New generation ITS deployments enhancing user services & information
- Sub-task 2.2.1 Enhancing national data exchange and access points for data

## **Project FR241 - Implementation of further developments of the French NAP (digital transformation project) – starts early 2024**

Improvement of the national exchange node with new solutions in terms of data to:

- Link the systems that produce information to the user/data consumer
- Link with open data policy and revision of the ITS Directive and of the DRs

Expected results by end of project:

- Better adaptation of the information system to changes in external interfaces (APIs development)
- Reduction of delays between raw data arrival and dissemination
- Better automation of data validation processes
- Better resilience in the face of flow variations by implementing scalable architectures

- WP2 – ITS Project implementations
- Task 2.1: New generation ITS deployments enhancing traffic management services and traffic management plans, including cross-border plans
- Sub-task 2.1.3: New intelligent tools and software for assisting TMC operators in simulating, predicting travel time and monitoring traffic flows and level of service
  - Improvement of communication and data exchange with road operators (implementation of DATEX II) – 4 projects
  - Improvement of communication, data exchange and new services with the national access points (NAPs), especially by implementing DATEX II – 3 projects

- WP2 – ITS Project implementations

- Task 2.5: C-ITS deployments towards the connected and automated mobility

  - Development of C-ITS platforms capable of integrating all ITS systems to work together**

    - Project IT154 - Implementation of a software solution for the management of two-way V2X communication in real time between vehicles and infrastructure

    - Reception and emission of event messages from/to the TMC via the DATEX II protocol as well as C-ITS stations (RSU and mobile C-ITS stations)

Also:

- Consideration of multimodal information (on VMS, on board of vehicles)
- New data collection systems: vehicle tracking systems, smart cameras, C-ITS systems

# Thank you for your attention

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## **MATIS CORRIDOR CONTACTS**

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