MATIS Project
General presentation
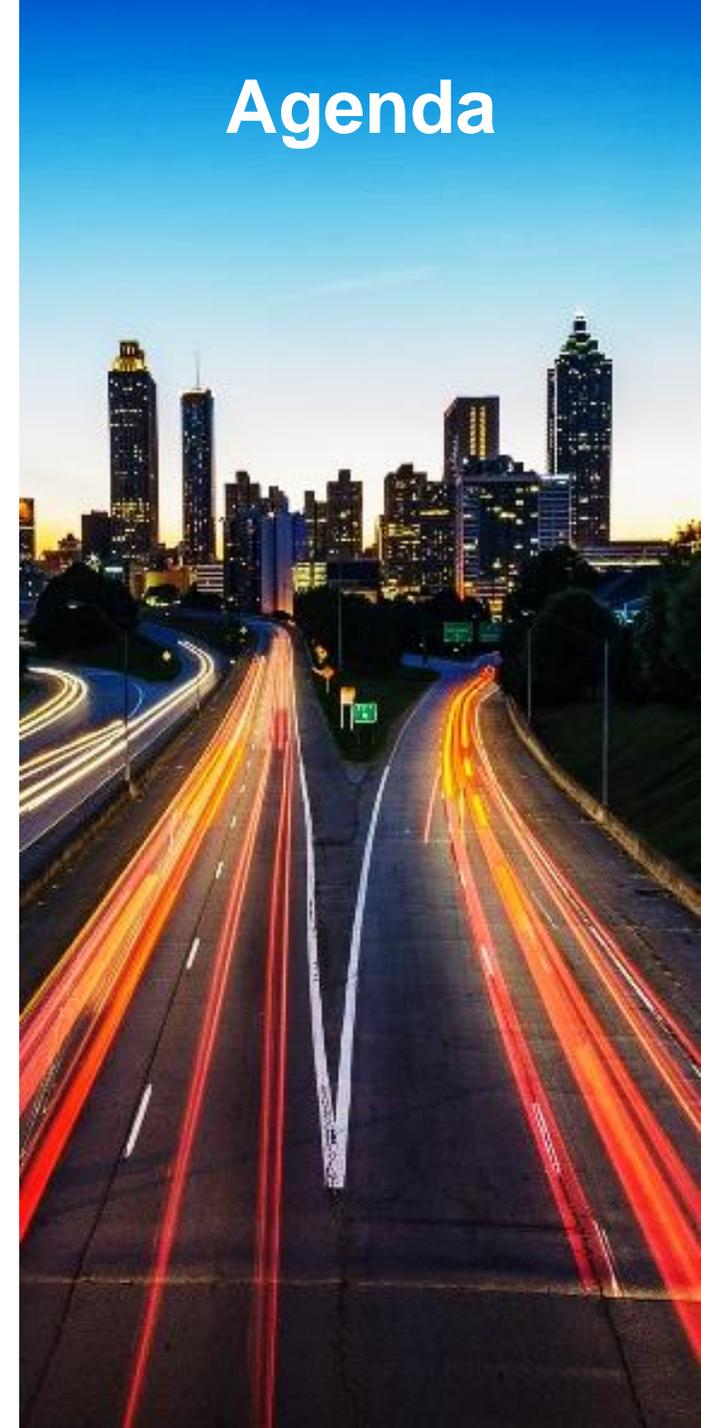
Mobility Data Days – Budapest

08/11/2023
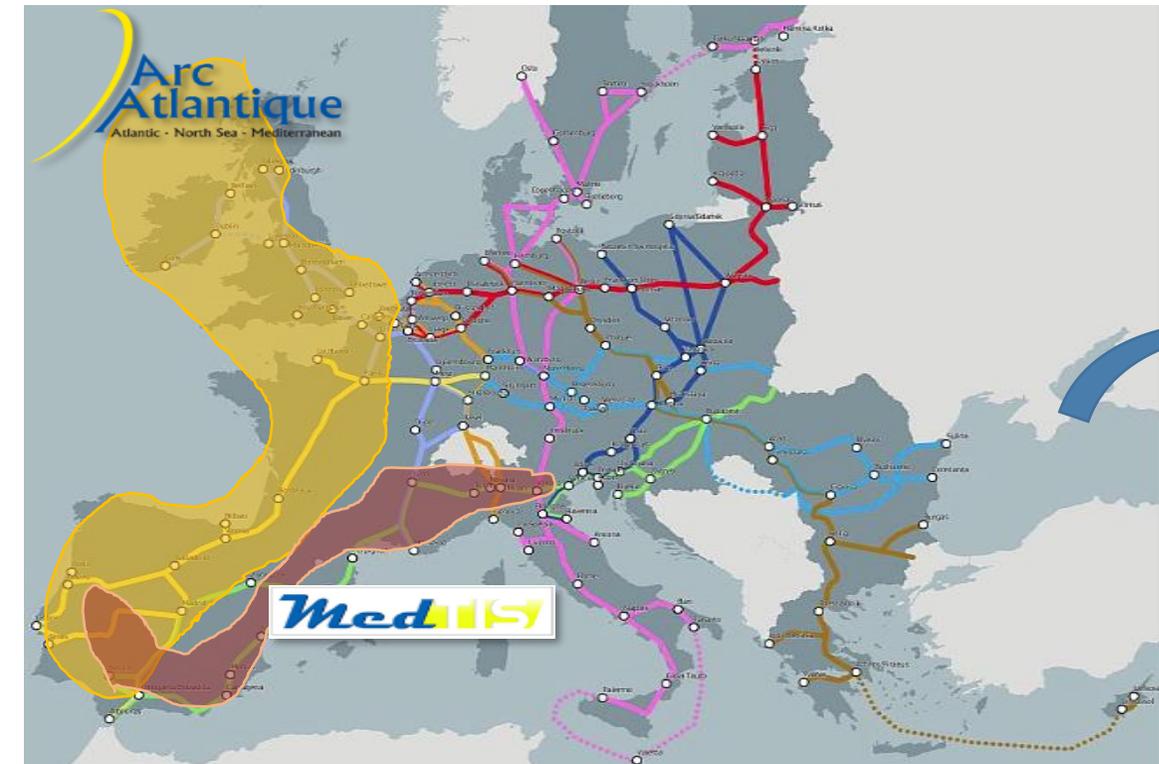
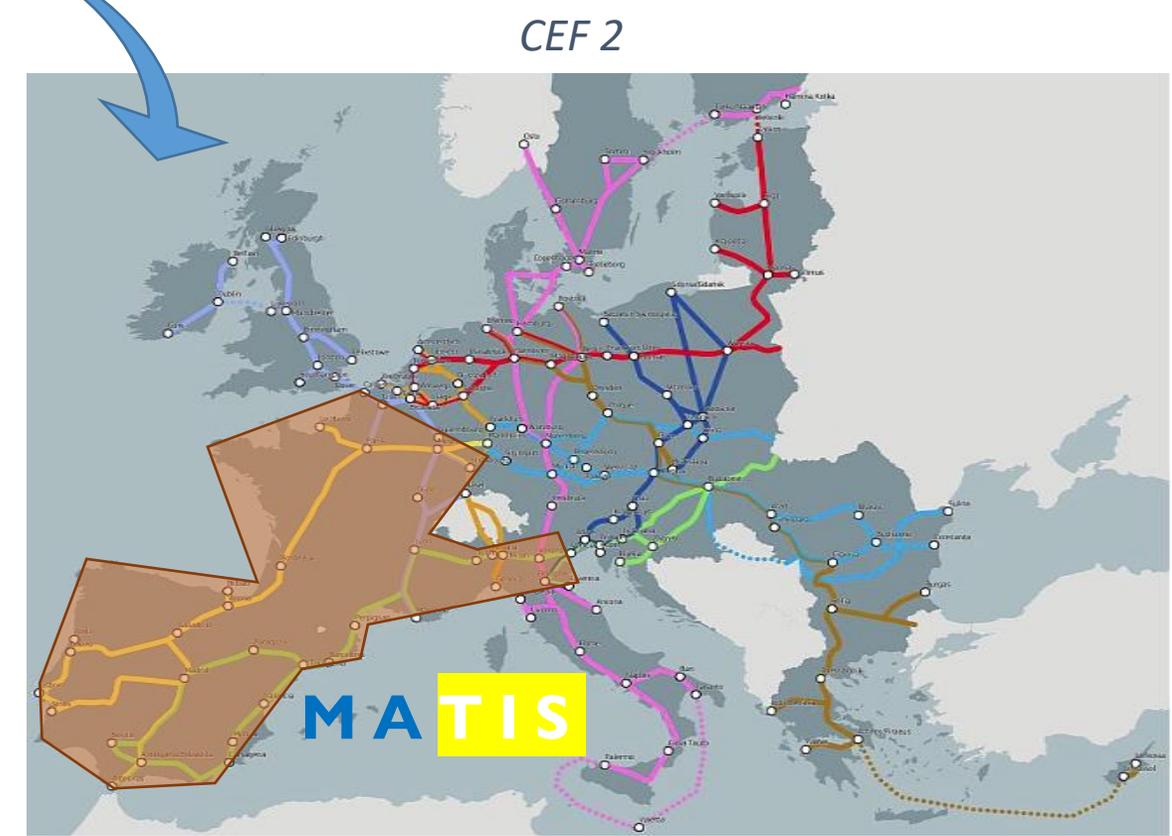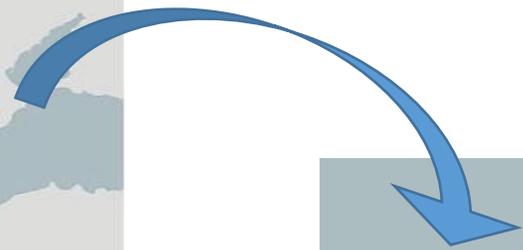# Agenda

ASFA
TOLL MOTORWAYS OF FRANCE
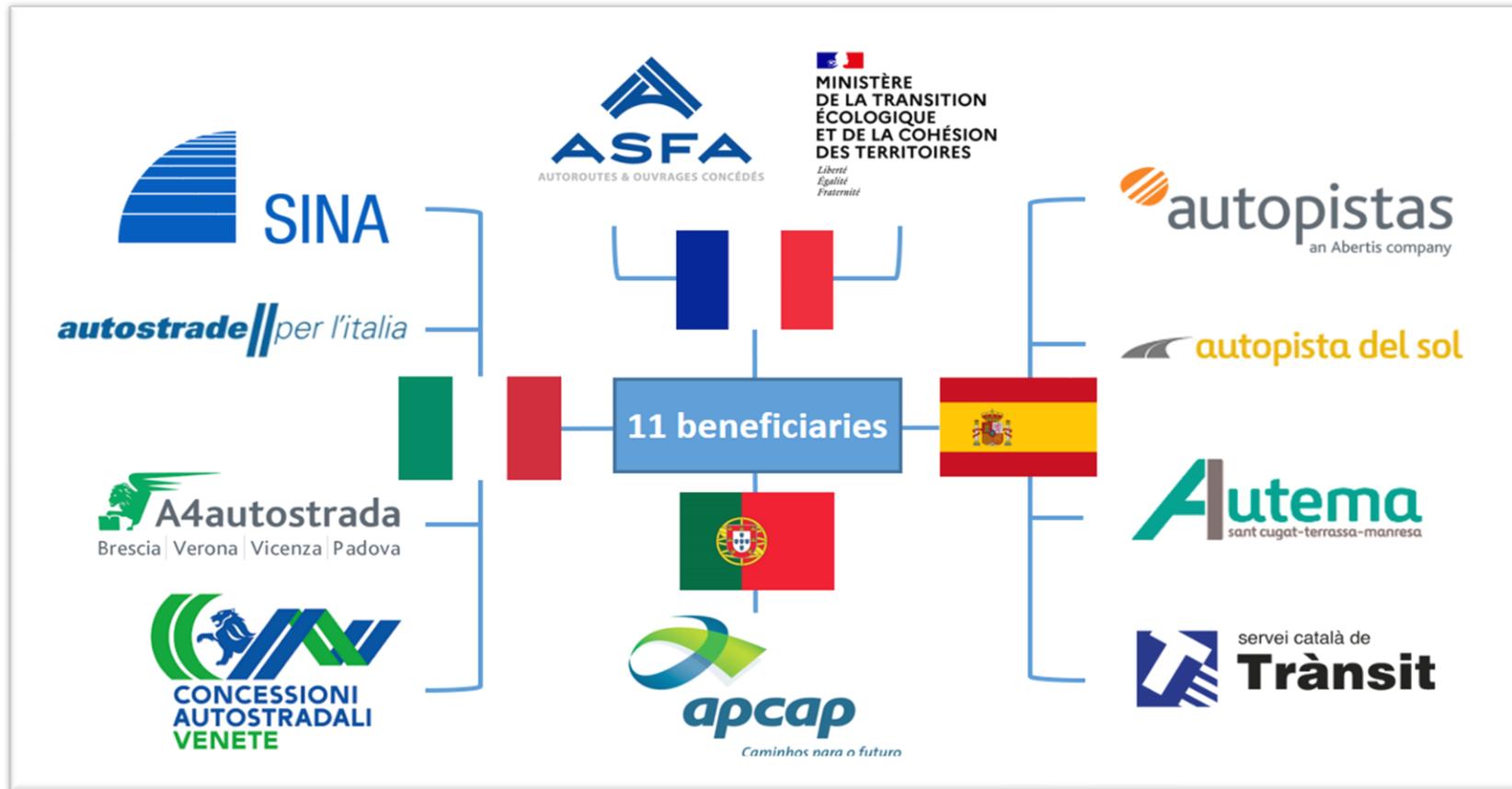
CEF 1

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

WP1 :
- ➤ Project management
- ➤ Evaluation
- ➤ Communication & dissemination
- ➤ **Cross corridor coordination**

WP2 :
- ➤ 89 implementation projects
- ➤ 5 sub-activities of ITS deployments :
  - o Traffic management services
  - o User services and information
  - o Road safety
  - o Operations and securing service delivery
  - o Connected and automated mobility (C-ITS)

Expected outcomes

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 sevice 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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