

DIGITAL TRANSPORT DAYS

ONLINE EVENT 18.11.2020

Malika SEDDI Secretary-General



*Association Européenne des Concessionnaires
d'Autoroutes et d'Ouvrages à Péage*

European Association of toll motorway & road infrastructure companies



142 Companies 22 Countries



**€6-€7 billion/
year**

ASECAP companies
investment



**more than
€5 billion**
per year generated
for VAT alone



€12 billion
every year allocated
to any other social
priorities



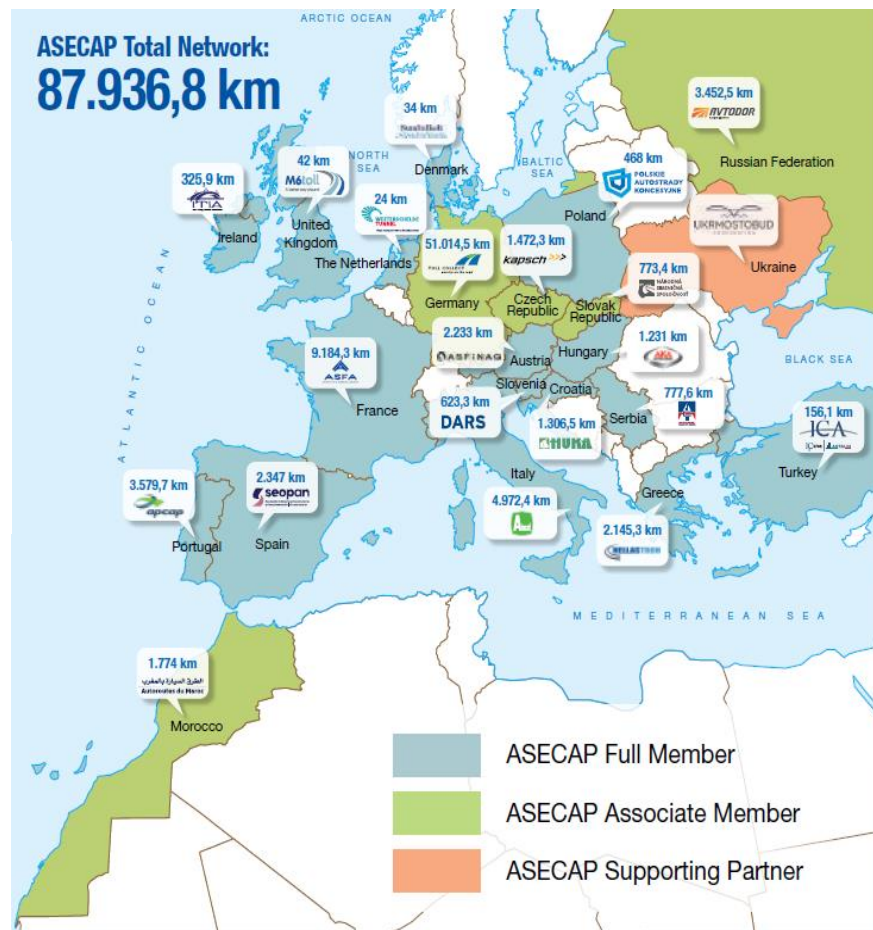
48,000
ASECAP members
direct employment



64%
reduction of
fatalities on the
ASECAP road



2.4/1B Kms
ASECAP fatality rate



Mission of motorway companies

Priorities : road safety – congestion free traffic

Acting as toll infrastructure operator under a concession contract providing public utility services

- **Financing** construction – building – maintaining infrastructure
- **Operating** : fast alert, safety incident/accident detection & management –
- **traffic management** – real time traffic information –
- **Collect toll**, sustainable financing based on user/pay principle



Responsible for performance in safety and mobility

- To face the objective of zero accident
- To face the objective of zero congestion
- To face a target reduction of CO2 emission and carbon free by 2050



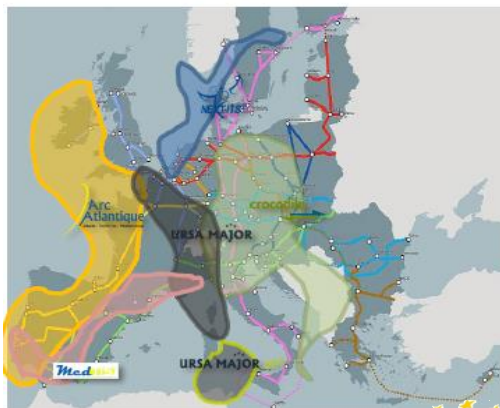
- Digitalisation and ITS tools
- Sustainable mobility



ASECAP members are strongly involved for more than 2 decades in ITS & C-ITS projects co-funded by EC

ITS deployment projects

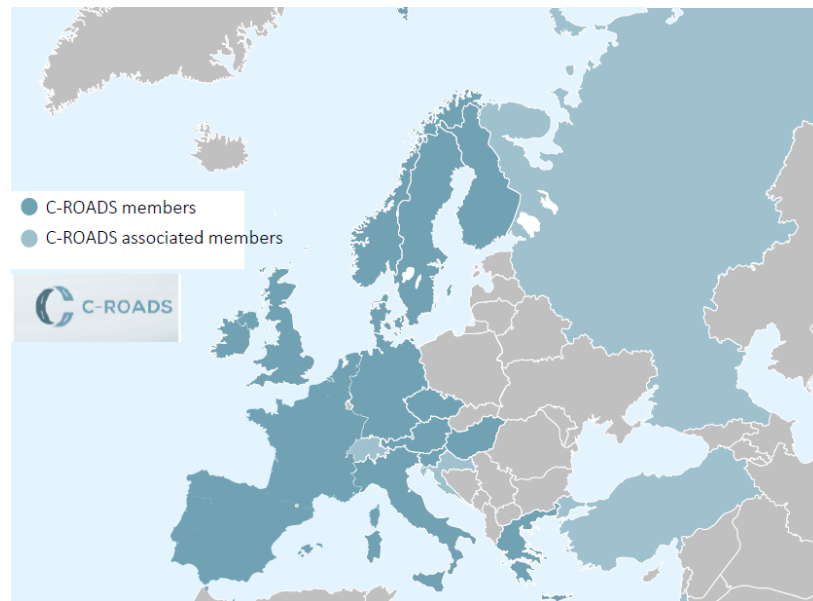
- Arc Atlantique - MedTIS
- Crocodile - Ursa Major



Coordinated by **EUEIP**
European ITS Platform

C-ITS projects

- C-Road - InDiD
- Scoop



Digitalisation : preparing the infrastructure to answer new mobility needs fulfilling Green Deal objectives

New context

- New climate & sustainable challenges
- Scarcity of State finances
- Increase of social priorities

Technologic ruptures

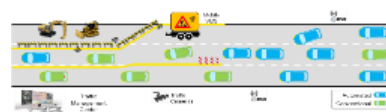
- Connected mobility
- Zero emission mobility
- Autonomous mobility

New usages

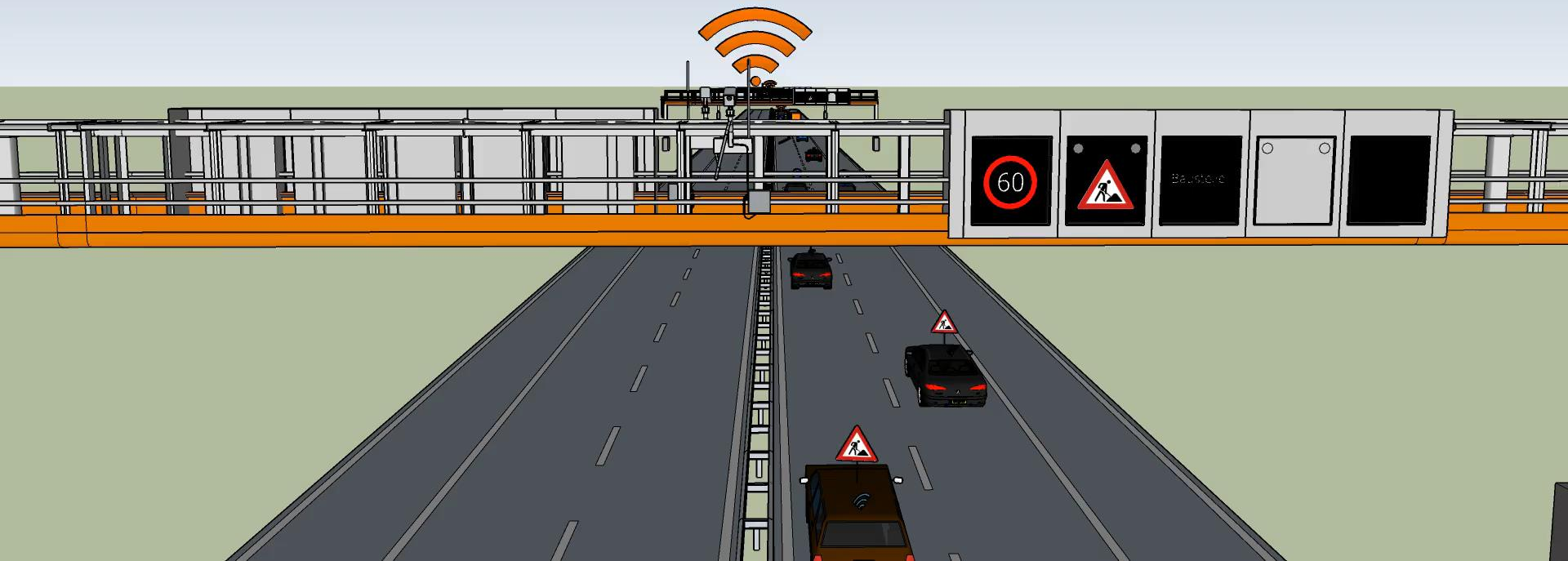
- Shared mobility (carpooling, carsharing)
- Electric mobility
- Comodal mobility (bus on motorway with dedicated lanes....)



Enhanced road safety



ASFINAG



Answering to new mobility needs and preparing the C-ITS, autonomous driving arrival, this is how we look to the future

- Capacity of road infrastructure and especially in urban area is limited
- A major challenge of big cities is to reduce traffic
- The use of carpooling, carsharing, dedicated lanes for mass transport (bus), autonomous vehicles, electrical vehicle provide new options to enhance cleaner mobility options allowing to have more people in vehicles
- Create interconnexion platform to allow transfer
- Connected and autonomous transport systems depend on a good infrastructure and on the vehicle capacity to communicate



Digitalisation : preparing the infrastructure to answer new mobility needs fulfilling Green Deal objectives

Reducing CO2 emission by optimizing the infrastructure

Authorised vehicles:

- Vehicles with more than two occupants
- Buses
- Taxis
- Very low-emission vehicles

Dynamic management:

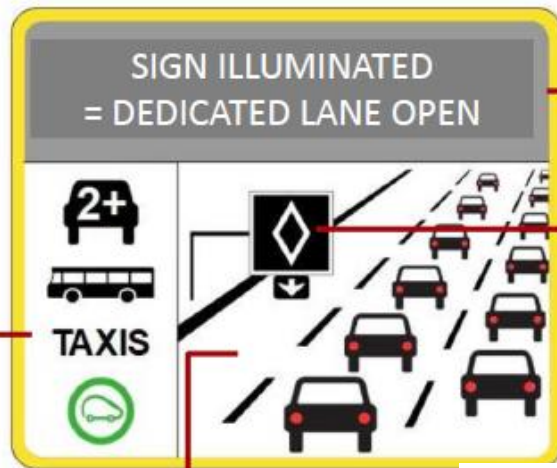
- VR2+ enabled when traffic is congested
- Reduced speed limits when enabled

Dedicated signage:

- New sign: the diamond
- Classic road markings
- Experimental signage, excluding instructions

Dedicated left lane:

- 4 m wide (shoulder + fast lane)
- Safe visibility conditions



Accelerate the process to prepare the infrastructure to welcome this new mobility options

- Encourage large-scale testing and deployment in an harmonised way
- Enhance quality and performance of communication network
- Interference free - coexistence with road charging and ITS safety related applications
- Data sharing, security, crucial aspects behind the deployment of digitalization
- Develop standards in full coherence of the principle of technological neutrality & proven efficiency
- Will require an organisational models involving all the stakeholders
- EU roads still require investments to adapt, upgrade & modernize the existing infrastructures



**Smart, shared and connected motorway use
For co-modality options to better optimise the
infrastructure**

DIGITAL TRANSPORT DAYS

Thank you for your attention

Malika Seddi

General-Secretary

m.seddi@asecap.com

