

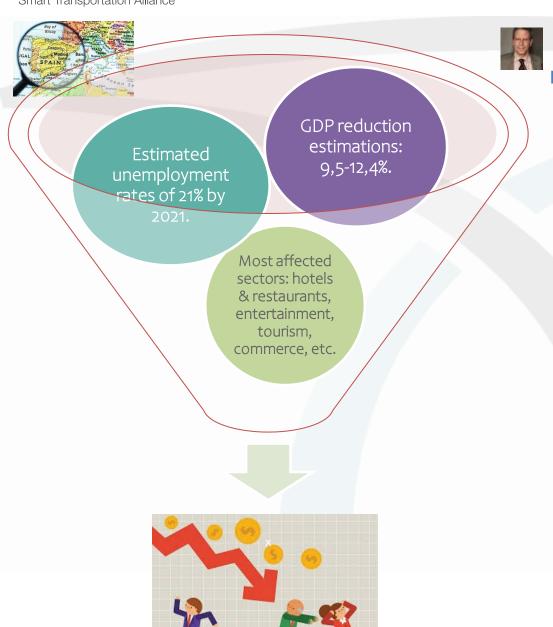
2020 Annual Conference & Innovation Awards

SAFE, GREEN AND CONNECTED ROADS IN A POST-COVID MOBILITY

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Our context - our proposal



"We will only get out of this with a massive investment in infrastructure" (Erik Maskin, Nobel Prize in Economics 2007)

OUR PLAN: SAFE, GREEN & CONNECTED ROADS

Creation of new jobs (lost in other sectors) Activation of economy (entertainment, tourism, etc.) Adaptation to mobility of the future (electromobility, micromobility, etc.) According to Agenda 2030 Fits into the Spanish Strategy for Safe, Sustainable and Connected

Mobility 2030



Rural roads

SAFF ROADS

GREEN ROADS

CONNECTED ROADS



Road safety actions in highways (single carriageways).

- Roads 2+1.
- Forgiving roads. Safe System approach.
- High Risk road sections.



Well maintained roads for significant CO₂ savings.

- +9% for light vehicles.
- +6% for heavy vehicles.





Adaptation of roads for connected and autonomous mobility.

- Different levels 1-5.
- Stage 1: only motorways (60% of mobility).
- Stage 2: main road network (75%).



Electric car charging stations along roads.

- Stage 1: at petrol stations.
- Stage 2: Stage 1 + every 50 km (15.000 new spots).



Roads to improve freight transport in rural areas.

- Safe and guaranteed transport for rural and depopulated areas.
- Mini-logistic centres for storage and distribution.



Safe tourism road network in depopulated areas.

- Improvement of local roads in rural areas.
- Roads for sustainable mobility of vulnerable road users, close to small villages.





Urban roads

SAFE ROADS

GREEN ROADS

CONNECTED ROADS



Improvement of sidewalks and pedestrian areas.

- Walking, cycling, scooters, etc.
- Sustainable mobility, focused in safety.



Specific lanes for cycling and scooters.

- Physical separation of motorized traffic.
- Cities >50.000 inhabitants.



Redistribution of parking spaces.

- Linked to multimodal stations.
- Cities >100.000 inhabitants.



Low-emission zones.

- By 2030; all cities > 500.000.
- Rapid implementation of at least 1/3.



Massive deployment of electric car charging stations.

- Spain objective: 5 M electric vehicles by 2030; today only 81.000.
- At least 150.000 charging stations.



Priority dedicated lanes for highoccupancy vehicles.

- Low cost solutions: based in ITS.
- Cities>100.000 inhabitants.





Benefits

Investment: 32.000 million €



+ 1 million new jobs (direct & indirect)

Focused on the most vulnerable workforces



- 24.700 M€.
- 790.000 new jobs (direct & indirect).



- 7.400 M€.
- 236.000 new jobs (direct & indirect).



Smart Transportation Alliance

THANK YOU FOR YOUR ATTENTION

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