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Proposal presentation – MG2.11 – 2020& other  
topics of interest

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- Leire Serrano, EU project manager
- University of Deusto. DeustoTech, Research institute belonging to the Faculty of Engineering. Bilbao (Spain).
- Mobility and transport unit
  - Artificial intelligence techniques
  - Intelligent Transport systems
  - Cooperative communications
  - Positioning (indoor& outdoor environments)

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# Proposal idea – MG-2-11-2020: Network and traffic management for future mobility

## Objective:

- to develop new tools for **optimizing the operations in traffic management** of the transport network from a multimodal perspective (road, rail...) and considering automated/ non-automated vehicle.
- delivering **new functionalities/ capabilities for traffic management**, enabling to manage traffic in dynamic and adaptive manner, and its bottlenecks.

Consortium: **University of Deusto - DeustoTech (coordinator)**, in process of building-up.

## Partners sought:

- Supply& demand models for traffic operations
- System integrator – Company on ITS domain
- Transport operators: infrastructure, transport modes (road; rail)



# Other topics of interest for participating as partners:

LC-MG-1-12-2020: Cities as climate-resilient, connected multimodal nodes for smart and clean mobility: new approaches towards demonstrating and testing innovative solutions

- Applications focused on prediction and optimization: **traffic congestion prediction**, study of demand flows, multimodal **routes optimization**. TIMON H2020 project (<https://timon-project.eu>)

MG-2-10-2020: Enhancing coordination between Member States' actions in the area of infrastructure research with particular focus on biodiversity and full automated infrastructure upgrade and maintenance

- We can bring in expertise in **cooperative communications** (V2V; V2I; V2X)
- **Artificial intelligence for predictive maintenance.**
- **Stakeholders engagement:** real environment test site; road operators; councils.
- Projects related ICSI ([www.ict-icsi.eu](http://www.ict-icsi.eu)); Further info: <https://youtu.be/1E8JXkhskvY>



# Other topics of interest for participating as partners:

MG-2-13-2020: Coordination and support for an integrated freight transport and logistics system

MG-2-14-2020: The effects of automation on the transport labor force, future working conditions and skills requirements

MG-4-8-2020: Advanced research methods and tools in support of transport/mobility researchers, planners and policy makers

- Experience in transport& logistics projects at EU level, multidisciplinary approach: stakeholders' engagement, assessment of mobility ICT solutions, analysis of best practices& gaps.
- Coordination of LOGISTAR H2020 project (<https://logistar-project.eu/>)
- Coordination of TIMON H2020 project (<https://timon-project.eu>)
- Coordination of EDI H2020 project (<https://edincubator.eu/>)
- Coordination of Waste4think H2020 project (<https://waste4think.eu/>)