

**Interreg - IPA CBC**

Greece - Republic of North Macedonia



EUROPEAN UNION



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**PATRAS**  
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

# **GREEN INTER-E-MOBILITY**

## **Integration of Green Transport**

### **in Cities**

#### **KICK-OFF MEETING**

20/12/2019

**University of Patras**

Prof. Yorgos Stephanedes, Project Manager

# Macroregion Connectivity



# Organisation Information: University of Patras

Department of Civil Engineering

Transport and Traffic Engineering Study Unit (TESS)

- Intelligent Transport Systems-ITS
- Multimodal Transport Systems
- Sustainable Transport Systems
- Cybernetics Transport Infrastructure Systems



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# Competence

- **Resources & experience** for coordinating and participating in international projects (Interreg/other EU).
- Expertise in **state-of-art & best practice** in:
  - People/Goods transport
  - Logistics & Networks
  - Fleet management
  - Feasibility studies
  - User needs & requirements
  - Evaluation and Impact analysis



# Relevant Experience (1/4)

Partner in “**CROCODILE 2.0**” project:

- Development of a system for detecting events, safe & secure truck-parking and EU-wide real-time traffic information services.
- Design of a National Access Point (NAP) and DATEX II to make TEN-T Core Network Corridors data available.
- Pilot implementation of systems related to Safe and Secure Truck Parking Area (SSTPA).



# Relevant Experience (2/4)

Partner of “**PHAROS**” project:

- Development of a novel low-cost integrated real time, eco-routing and fleet management system.
- Development of enhanced navigation, cooperative eco-driving, on-board monitoring, functional prototype of the developed system at the road network in Greater Cairo Region.



# Relevant Experience (3/4)

Partner of “**C-ROADS**” project-Targets:

- Conducting two national Greek pilots on a specific set of Day 1 and Day 1.5 C-ITS services using ETSI ITS G5 and cellular communication technologies.
- Egnatia Odos Pilot: Road works warning; Weather conditions; Other Hazardous location notification; In-vehicle signage; In-vehicle speed limits; Probe vehicle data and Traffic info and smart routing.



# Relevant Experience (4/4)

- Attica Tollway Pilot: Road works warning; Weather conditions; In-vehicle signage; Shockwave damping and Traffic info and smart routing.





# GREEN INTER-E-MOBILITY

## KICK-OFF MEETING

**Thank you!**

Prof. Yorgos Stephanedes

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