European funding opportunities for the development and adoption of ITS
Contents

- Intelligent Transport Systems in H2020
  - Societal Challenges
  - Industrial Leadership
  - European Innovation Council
H2020 – Societal Challenges

Smart, Green, Integrated Transport

**Title:** An inclusive digitally interconnected transport system meeting citizens' needs.

**Scope:** Social innovation in transport: "The main challenge is therefore to ensure that all members of society can benefit from digitization"

"Identify obstacles in appropriation of digital mobility services"

**Deadline:** 25 April 2019, 17:00 CET

**Budget:** 1-3 mio Euro/proposal

**Type of Action:** Research & Innovation Action

**Cross cutting:**
- Open Innovation
- Social sciences & humanities
- Gender/RRI

MG-4-5-2019
Title: Human-centred design for the new driver role in highly automated vehicles

Scope: Driver performance and behaviour in automated driving”

“proposals should focus on the design of safe human-machine interfaces for vehicles with highly automated driving functions and the safe and controlled transfer between use cases of different SAE automation levels”

Deadline: 25 April 2019, 17:00 CET

Budget: 4-8 mio Euro/proposal

Type of Action: Research & Innovation Action

Cross cutting issues:
- Social economic sciences & humanities
- International Cooperation
Title: Developing and testing shared, connected and cooperative automated vehicle fleets in urban areas for the mobility of all.

Scope: “Accelerate the uptake of user-oriented mobility services based on Shared, connected and cooperative automated vehicles. They may become a game changer for urban mobility...as long as they are integrated in an effective public transport system”

- **Deadline:** 25 April 2019, 17:00 CET
- **Budget:** 15-30 mio Euro/proposal
- **Type of Action:** Innovation Action

**Cross cutting issues:**
- Social economic sciences & humanities
- International Cooperation
- Clean energy
- Socio-economic sciences & Humanities
Title: EGNSS applications fostering green, safe and smart mobility

Purpose: Develop innovative, EGNSS-based applications leading to lower CO2 pollutant, safer, secure, lower cost and high performance mobility.

Road, marine, rail, aviation, maritime, Public transportation

- **Deadline:** 05 March 2019, 17:00 CET
- **Budget:** 1-3 mio Euro/proposal
- **Type of Action:** Innovation Action

Important: Solutions should have commercial relevance + market uptake perspective.

Business plan required
H2020 European Innovation Council (EIC)
FET Open, SME Instrument, Fast Track to Innovation

- Open to all areas of innovation
- No prescribed topics

Agile

- Combination of funding (grants, financial instrument, access to private investment)
- Access to mentors, coaches

- Adopted to different phases of innovation
- Emerging technologies
- Innovation scaling up
## Annex – EIC instruments

<table>
<thead>
<tr>
<th>Instrument →</th>
<th>SME-Instrument</th>
<th>FTI</th>
<th>FET-Open</th>
<th>EIC prizes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>For whom</strong></td>
<td>One or more European(^1) SMEs</td>
<td>From 3 to 5 European(^1) entities (mostly industrial(^2))</td>
<td>At least 3 entities(^3)</td>
<td>At least one entity (which must be European(^1) for some of the prizes)</td>
</tr>
<tr>
<td><strong>Maximum funding(^4)</strong></td>
<td>50,000 €</td>
<td>3 M€</td>
<td>3 M€ (RIAs) 0.5 M€ (CSAs)</td>
<td>Varies for each prize</td>
</tr>
<tr>
<td><strong>Total budget 2018-20</strong></td>
<td>163 M€</td>
<td>1421 M€</td>
<td>300 M€</td>
<td>40 M€</td>
</tr>
<tr>
<td><strong>Focus</strong></td>
<td>Exploring the feasibility of a business idea (~ 6 months)</td>
<td>Breakthrough innovation &amp; international growth (12-24 months)</td>
<td>Close-to-market innovation</td>
<td>Radically new technologies</td>
</tr>
</tbody>
</table>
Ecosystem support
Coaching, mentoring and business acceleration services for all SMEs

€ 1.6 billion
3,900 projects
SME-Instrument Phase-1

€ 300 million
130 projects
FTI
Fast Track to Innovation
SME-Instrument Phase-2

€ 715 million
340 projects
FET OPEN
Future Emerging Technologies

€ 40 million
EIC Horizon Prizes
Innovative Batteries for eVehicles
Fuel from the Sun: Artificial Photosynthesis
Early Warning for Epidemics
Blockchains for Social Good
Low-Cost Space Launch
Affordable High-Tech for Humanitarian Aid

Soft Blending
Under construction
“Access to Finance for Innovators”,
9th Conference 2018, Athens 25-26/9/2018

Public funds

Funding Gap

Private funds

Research

Development

Commercialisation

TRL1 TRL2 TRL3 TRL4 TRL5 TRL6 TRL7 TRL8 TRL9

SME Instrument

FET OPEN

Fast Track to Innovation

Concept Business Plan

Elaborate Business Plan

Investor-ready Business Plan

EEN Support for Innovation

• **More information**: George Tzamtzis, NCP SMEs

18-19/12/2018

4th Conference 2018, Hellenic Ministry of Infrastructure & Transport, Athens
Copernicus

- Funds business applications using Copernicus data
- Grant: 50,000 euro to 20 start-ups
- Duration: 1 year
- More info on: https://copernicus-incubation.eu/

Copernicus incubation

- Customised business development scheme using Earth Observation Data to tackle societal challenges
- Grant offered to 50 start-ups/year
- 10-month coaching service
"Intelligent Transport Systems in Greece: Latest developments"

PRAξΙ Network
National Contact Point

- Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy
- Smart, Green & Integrated Transport
- Climate Action, Environment, Resource Efficiency and Raw Materials
- Secure societies – Protecting freedom and security of Europe and its citizens
- Legal & Financial
- Spreading Excellence & Widening Participation
- Nanotechnologies, Advanced Materials, Advanced Manufacturing and Processing, and Biotechnology
- Space
- Innovation in SMEs
- Access to Risk Finance

http://praxinetwork.gr
Thank you for your attention! 
Ευχαριστώ για την προσοχή σας!

Any Questions? / Ερωτήσεις;

Vassiliki Kalodimou
EU Projects Implementation, NCP for H2020
PRAXI Network/FORTH
vkalodimou@praxinetwork.gr