Horizon 2020
Work Programme for Research & Innovation 2018–2020

H2020 Transport info day – 7 October 2019

Mobility for Growth (MG) Calls

Parallel Session IIB
Accounting for people

#H2020Transport
Horizon 2020
Work Programme
for Research & Innovation
2018-2020

H2020 Transport info day – 07 October 2019

Digitalisation of the transport system
data sharing

Michail Kyriakopoulos
European Commission – DG RTD

#H2020Transport
Challenge:
• Data: Massive & optimal use
• Areas where data exchange is required
• High-value manufacturing, MRO, circular economy

Scope:
• Comparative analysis of the transportation data regulation
• Identify transport flows - transport data exchange - impact
• Identify functional requirements
• Propose standards for transport data sharing
• Analyse the relationships between private and public stakeholders

Expected impact:
• Improved: data sharing - transport system effectiveness - culture of trust and collaboration

RIA - € 3 million
MG-4-7-2020
Thank you!

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Advanced research methods and tools in support of transport/mobility researchers, planners and policy makers

Michail Kyriakopoulos
European Commission – DG RTD

#H2020Transport
Challenge:
• Tools, databases and models
• Not adapted to meet new research needs

Scope:
• Requirements for monitoring and assessment
• Advanced methods and tools for monitoring, assessment
• New data collection and management approaches
• New methods and tools to exploit data

Expected impact:
• Respond to the emerging disruptive technologies and solutions
• Support of transport/mobility researchers, planners and policy makers

RIA - € 3 million
MG-4-8-2020
Thank you!

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The European mobility culture of tomorrow: reinventing the wheel?
Challenge:

• A forward looking exercise taking into account a new transport paradigm is needed – the value it has in the present European culture.

Scope:

• Critically examine the criteria/objectives on which the actual mobility culture has been based.
• Propose (an) alternative mobility narrative(s) – well beyond the implicit assumption of useful mobility.
• Develop a strategy for the transport policy of the future. Therefore launch a forward looking exercise and build scenarios with a roadmap for implementing this strategy.
• Stimulate the creation of networks and structures around which visions and strategies can emerge and converge.
The European mobility culture of tomorrow: Reinventing the wheel?

Expected impact:

• To open up **new ideas and opportunities** and to build strategies for the sustainable transport policy of the future
• To enable *Horizon Europe* to play a more strategic role in **shaping and enabling a transformative transport (research) policy**
• To contribute to **building innovative ecosystems**, which provide the supportive environments for the transformation process to flourish and be disseminated widely

**Estimated EC contribution** per proposal: EUR 1 million

This topic will take the form of **lump sums** as defined in Commission Decision C(2017)7151 of 27 October 2017. Details of the lump sum funding pilot scheme are published on the Funding & Tenders Portal together with the specific Model Grant Agreement for Lump Sums applicable.
Thank you!

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Improving impact and broadening stakeholders engagement in support of transport research and innovation

Agnieszka Zaplatka
European Commission – DG RTD

Hugues Van Honacker
European Commission – DG MOVE

#H2020Transport
Challenge:

• Transport research needs to increase the impacts and to broaden stakeholder engagement;

• Organisation and participation in events that have major strategic importance help support this goal – e.g. Transport Research Arena (TRA); SMM Hamburg, the world’s largest Maritime Technology exhibition;

• Additional targeted coordination and support activities are needed in the Inland Waterways sector.

3 Sub-topics proposed; proposal should address only one of the sub-topics
Scope Sub-topic 1 - Innovation awards for students and senior researchers in the context of the TRA 2022:

• Organise two competitions to be assigned at the TRA conference in 2022:
  - A competition for students and young researchers with the goal of stimulating the interest in the field of transport
  - A competition for senior researchers in the field of innovative transport concepts based on results from EU-funded projects only

• Competitions shall cover all transport modes and cross-cutting issues, ensuring high-quality competition and very good media coverage. Particular attention to gender issues.

• Wide promotion of the awards, and wide pan European participation is expected.

EU contribution EUR 0,7 million
Scope Sub-topic 2 - Broadening Engagement and increasing impact from Waterborne transport research:

- Identify the information gaps on innovation needs, awareness of outcomes and opportunities, and devise a communication strategy.
- Develop KPIs and benchmarks to monitor progress.
- Broaden lasting awareness and increase impact via participation in large strategic maritime and inland waterway events (e.g. SMM Hamburg in 2022 and 2024) and promote waterborne innovation in overall transport events.
- Produce high quality dissemination materials on scope and success stories arising from EU waterborne research.

EU contribution EUR 1,3 million
Impact:

• Wide dissemination of the results of EU transport research, broaden stakeholder engagement and raise the visibility.

• Increase the attractiveness of transport related studies and reinforce the pursuit of excellence and impact.

• Create stronger links between research and innovation stakeholders and policy makers, also increasing the impacts and take up of EU R&I.
Scope Sub-topic 3 - Towards an implementation of the future inland navigation action programme

• Should ensure a solid knowledge basis for the implementation of any future NAIADES programme. The coordination action will be organised around the five NAIADES 2 action areas.

• The coordination action will, in close cooperation with the European Commission, set up a roadmap for the implementation of actions not yet started or to be finalised and ensure the support to permanent-type of actions.

• A particular focus will be to address the need to decarbonise and improve the environmental performance of inland waterway transport, as well as on future-proof infrastructure, compatible with digital and automation developments under a changing climate.

• **Expected impact:**

  Promotion and development of the inland waterway sector: increasing awareness so as to increase usage of Inland waterway transport. Identify best practices and increase their take up and faster modernisation of the inland fleet. Improve the environmental performance of inland waterways and contribute to future-proof infrastructure, compatible with digital and automation developments under a changing climate.

**Estimated EC contribution** per proposal: up to EUR 2 million
Thank you!

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Impact:

Proposals should contribute to:

• The objective of the EU for climate action and sustainable development.
• The objectives set by the Paris Agreement (COP21) and the New Urban Agenda.
• The fulfilment of post 2020 emission targets in road transport (at least 30% by 2030 compared to 2021)
• The EU's long-term goal of moving close to zero fatalities and serious injuries by 2050 ("Vision Zero").
• UN's Sustainable Development Goals 11 "Sustainable cities and communities" (with particular attention to 11.2) and 13 "Climate Action".
• Strengthening the collaboration of the European Union with Asia, Latin America and Africa.
Thank you!

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