

Invitation to participate in a Horizon2020 new initiative

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Summary

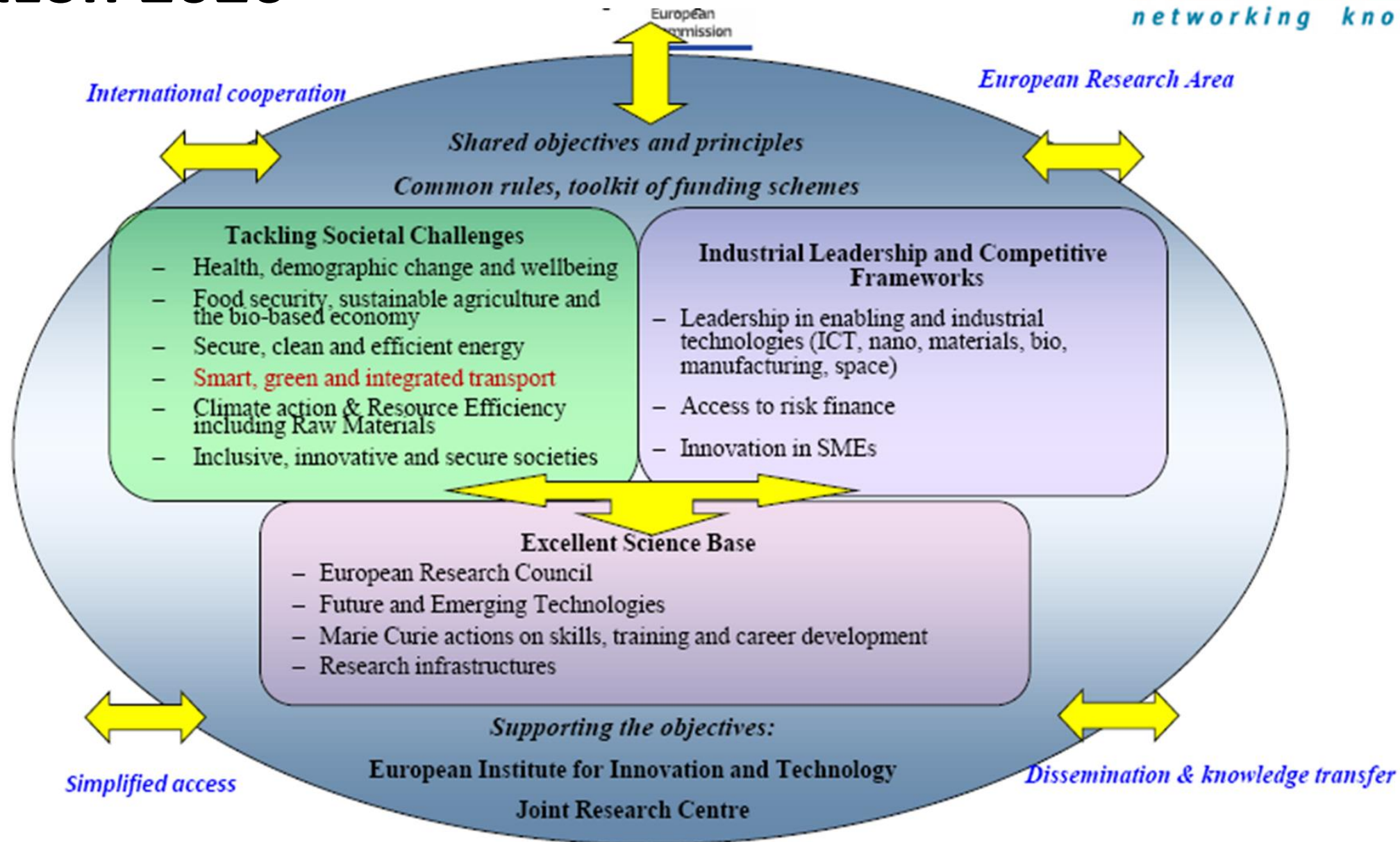
1. Horizon 2020
2. Smart, Green and Integrated Transport
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5. MG-4.3-2017 → Innovative approaches for integrating urban nodes in the TEN-T core network corridors
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Horizon 2020



- Horizon 2020 is the biggest **EU Research and Innovation programme** ever with nearly **€80 billion** of funding over **7 years** (2014 to 2020)
- Financial instrument implementing the **Innovation Union**, a **Europe 2020** flagship initiative for securing Europe's global competitiveness.
- Emphasis on **excellent science, industrial leadership** and **societal challenges**.
- Funding opportunities under Horizon 2020 are set out in multiannual work programmes (two years)
- The current work programme comprises 18 thematic sections
- Each section is self-contained, and describes the overall objectives, the respective calls for proposals, and the topics within each call.

Horizon 2020



Smart, Green and Integrated Transport



- Budget of €6 339 million for the period 2014-2020
- Four key objectives:
 - Funding for a **resource efficient transport** that respects the environment
 - better mobility, less congestion, more safety and security
 - global leadership for the European transport industry
 - socio-economic and behavioural research and forward looking activities for policy making
- Mobility for Growth is one of the three Calls for proposal of this thematic section

Coordination and support actions (CSA)

- Funding covers the coordination and networking of research and innovation projects, programmes and policies. Funding for research and innovation per se is covered elsewhere.

Who?

- Single entities or consortia of partners from different countries, industry and academia.
- Funding rate: 100% of eligible costs

Workprogramme 2016-2017



Particular attention will be paid in this Work Programme to:

- Paving the way for the deployment of innovative mobility solutions
- Modernising infrastructure for Europe-wide mobility demands and for reducing social and territorial inequalities in access to mobility
- Assessing the impacts and cost-effectiveness of new solutions to address the mobility challenges in urban area
- Optimising the use of the infrastructure and redistributing passenger and freight traffic between transport modes
- Optimising the efficiency and interoperability of transport systems
- Making improvements in safety levels across the transport system
- Anticipating technological developments that have the potential to be transformational

MG-4.3-2017 - Innovative approaches for integrating urban nodes in the TEN-T core network corridors

CSA Coordination and support action /single stage

Deadline: 01 February 2017

Specific Challenge:

- Integration of urban nodes into TEN-T corridors
- Efficient and sustainable solutions for 'last mile' delivery
- Greater use of intermodal urban freight logistics,
- Linking long-distance with last-mile freight delivery in urban areas.
- Further research and innovation efforts for the development and related recommendations for deployment of innovative solutions in urban areas

Scope:



- One or two expert networks
- Developing current practices and opportunities, and producing recommendations.
- Focus on how to deploy novel combinations of existing technologies/services
- Involving new combinations of different stakeholder groupings (i.e. research and innovation programmes, urban planning, infrastructure constructors and operators and financiers)
- Emphasis on creating synergies between results of Horizon 2020 funded projects and CEF funding.
- Expected contribution between EUR 1 and 2 million each

Expected Impact:

- Validated recommendations for wide-scale deployment of research and innovation solutions in some or all urban nodes along the TEN-T corridors.
- Defining funding needs and instruments for creating synergies, and promoting exploitation of results, between Horizon 2020 (and previous Framework Programmes) and Connecting Europe Facility (CEF)
- TEN-T policy can pick up these concepts and recommendations and potentially fund implementation-related studies, pilot action and works.
- Taking into account socio-economic aspects of deployment of innovations.

Netlipse potentialities

- Existing network, which has already put together relevant stakeholders, such as public bodies, project managers, academics, infrastructure providers, operators, financial bodies
- Relevant experience of managing a knowledge platform and disseminating knowledge, with the SIGs (Special Interest Groups)
- Connection to the TEN-T programme
- Use of IPAT, as an evaluation tool for best-practices and future projects.

Creating a winning consortium



- Focus on infrastructure for freight, in urban areas
- Innovation-led, by Introducing ICT and e-strategies
- Pointing-out on three main topics:
 - Technology (efficient and sustainable)
 - Governance (connecting EU to urban bodies, through national and regional bodies)
 - Finance (private involvement, financing mechanisms, revenues, etc...)
- Including missing stakeholders (Banks, Urban bodies, Freight Operators, Logistics, Infrastructure providers)
- Developing a Digital Platform, open-source, interactive
- Including training and support tools (IPAT)



Questions? Remarks?
Suggestions?

WAITING FOR YOU

THANK YOU!

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