BE OPEN

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European forum and oBsErvatory for OPEN science in transport

BE OPEN project – A new initiative for Open Science in Transport

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Open Science in Transport Interactive Workshop (Session 8) - FIRM 19

March 28th, 2019, BluePoint , Brussels, Belgium

BE OPEN Project – Factsheet

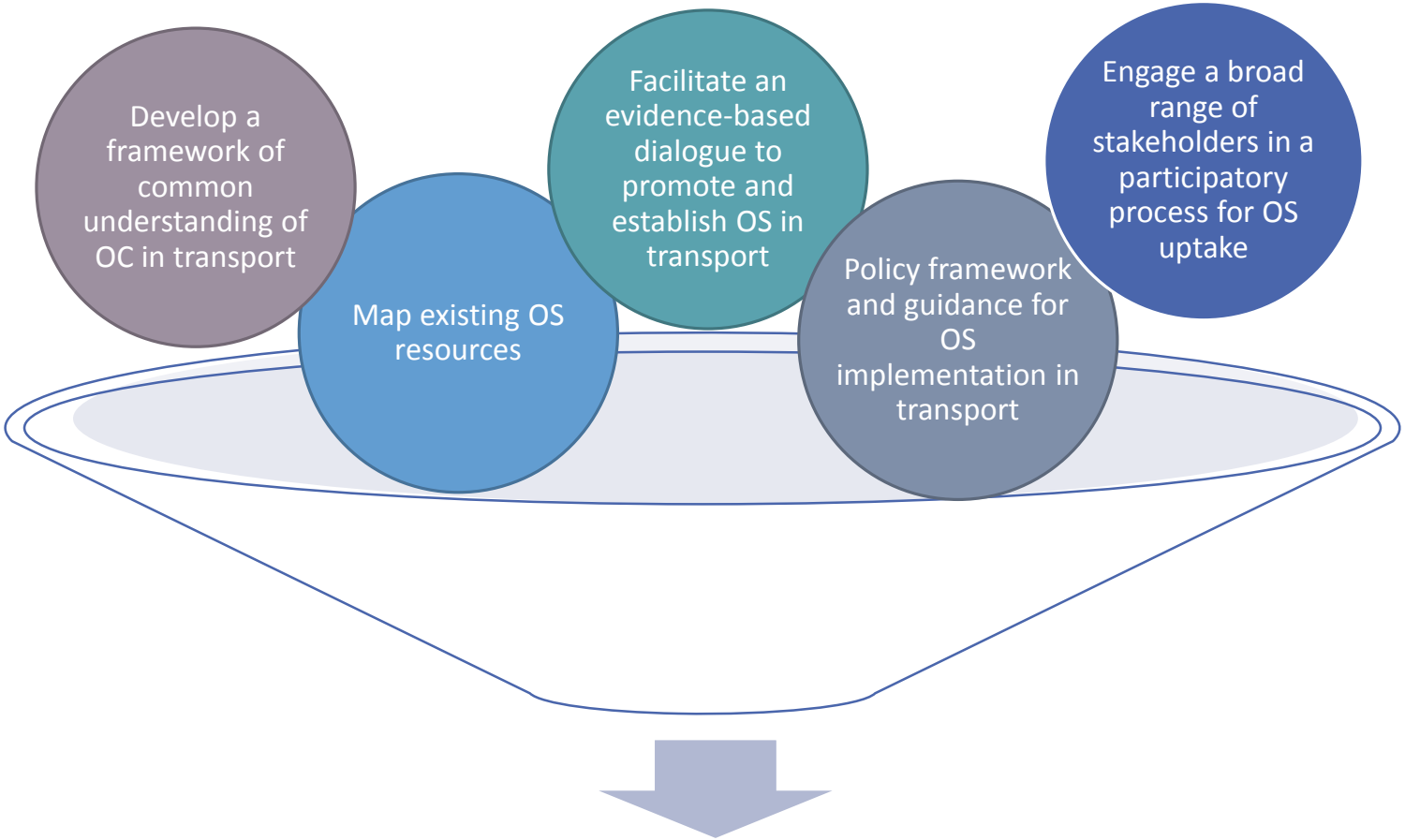
European forum and oBsErvatory for OPEN science in transport

- Call: H2020-MG-2018-SingleStage-INEA – Submission April 2018
- Type of Action: Coordination and Support Action
- Acronym: BE OPEN
- GA Number: 824323
- Duration: 30 months
- Start Date: 2019-01-01
- Budget: € 1,997,283.75

BE OPEN Partners

Third parties

BE OPEN Objectives

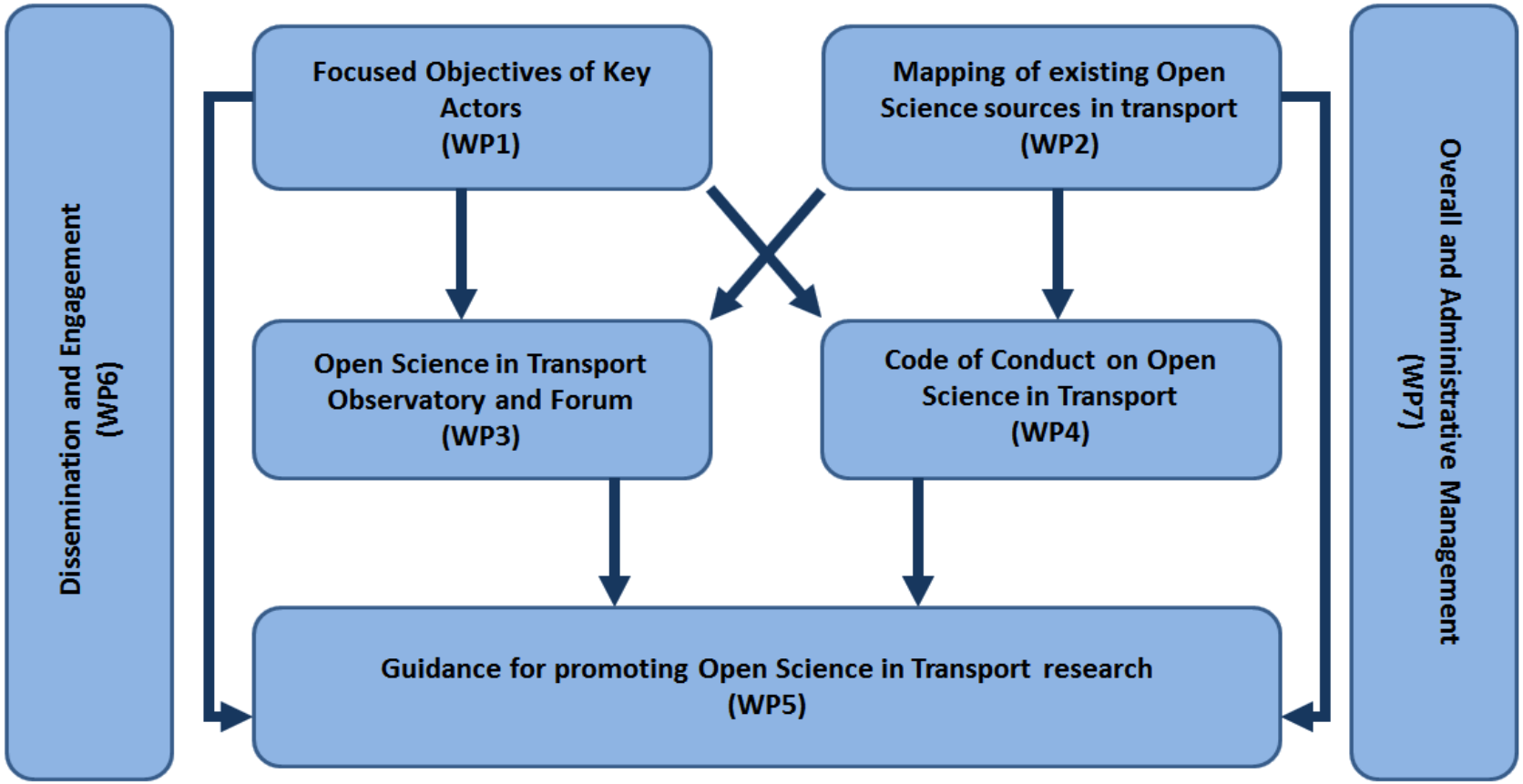


Promote, regulate and standardise Open Science in Transport

BE OPEN Expected Outcomes

- **TOPOS forum and observatory** tools to contribute to create a **solid knowledge base on the implementation of OS** approach in transport research
- Develop **governance and new operational/business models** for enhancing OS by describing the rationale of how to create and capture value in economic and social context
- Develop the **European Code of Conduct on OS** in transport proposing recommendations and proper guidelines that allow setting up a community of transport research organizations
- Creation of **awareness and visibility** (authorities, Industrial and SMEs, Associations in Transport, Publishing Companies, and the various ETPs, and strong media coverage)
- Engaging **international stakeholders** in mutual learning and sharing experiences

BE OPEN Work Structure



BE OPEN Deliverables (1)

D1.1 Taxonomy of actors, terminology and experimental tools
D1.2 Framework of common understanding of Open Science in transport Sector
D1.3 Use case catalogue for future research

D2.1 Open access publications and the performance of the European transport Research
D2.2 Open/FAIR data, software and infrastructure in European transport research
D2.3 Transport Research in the European Open Science Cloud
D2.4 Governance and operational/business models for Open Science in European Transport research

D3.1 TOPOS declaration
D3.2 TOPOS development
D3.3 TOPOS observatory
D3.4 Strategy for pan-European diffusion and global links
D3.5 TOPOS forum and observatory Sustainability Analysis Assessment

BE OPEN Deliverables (2)

D4.1 Open Science in transport research: legal issues and fundamental principles

D4.2 Transport Open Data: Properties and Specifications for Open Science

D4.3 New business models to implement Open Access in transport research

D4.4 European Code of Conduct on Open Science in Transport

D5.1 Main challenges and opportunities, constraints and bottlenecks of Open Science in transport research

D5.2 KPIs for Open Science in transport evaluation

D5.3 Impact assessment of Open Science in transport

D5.4 Roadmap and guidelines to promote Open Science in transport research

Key events for stakeholders engagement

- **First project event @ OPEN SCIENCE FAIR**
  Sept. 16-18, Porto, Portugal

- International Workshop in Oct. 2020
  (tentatively @ETC2020, Milano)

- Final project event in April 2021, Brussels

THANKS FOR YOUR ATTENTION

Working together to build open science platforms in transport research

BE OPEN contributions to expected impacts of Horizon 2020

- **Innovative solutions for an accessible & inclusive transport system**

BE OPEN supports fully modern Open Science services (i.e. Open Access, Open Data, Open software, infrastructure, Open Peer Review, Open Education or Citizen Science) in transport research by developing the TOPOS forum and observatory tools for research community, industry and society/citizens that will contribute to creating a solid knowledge base on the implementation of Open Science approach in transport research.

BE OPEN contributions to expected impacts of Horizon 2020

☞ Behavioural issues and user need

To achieve this, the BE OPEN project focuses on the objectives and needs of the spectrum of stakeholders (i.e. –both public and private– research community, industry and the society/citizens) and it also develops governance and new operational/business models for enhancing Open Science by describing the rationale of how to create and capture value in economic and social context.

What are the needs of the infrastructure owners and operators for open science services?

BE OPEN contributions to expected impacts of Horizon 2020

☞ Appropriate regulatory frameworks and policies to support innovation and deployment

BE OPEN project develops the European Code of Conduct on Open Science in transport and proposes recommendations and proper guidelines that allow setting up a community of transport research organizations which will work on the basis of a commonly agreed roadmap making transport science more efficient and more responsive to societal and economic expectations.

What would infrastructure owners and operators like to see in the Code of Conduct that would enable them actively participate in making transport science more efficient and responsive to societal and economic expectations?

BE OPEN contributions to expected impacts of Horizon 2020

- **Dissemination and exploitation of sustainable mobility solutions**

In the context of the BE OPEN project, a dissemination strategy will be provided to create awareness and visibility that can raise the interest of authorities, Industrial and SMEs Associations in Transport, Publishing Companies, and the various European Technology Platforms (ETPs) in transport – as well as attract strong media coverage (traditional and social). Moreover, international stakeholders will be engaged in mutual learning and sharing experiences, and in exploiting successful approaches for operationalising Open Science principles in transport research.

How can infrastructure owners and operators assist in operationalising Open Science in transport research?