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European forum and oBsErvatory for OPEN science in transport

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

Evangelos Bekiaris, ECTRI President

ECTRI 2019 Spring Assembly
May 7th 2019, Oslo, Norway

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











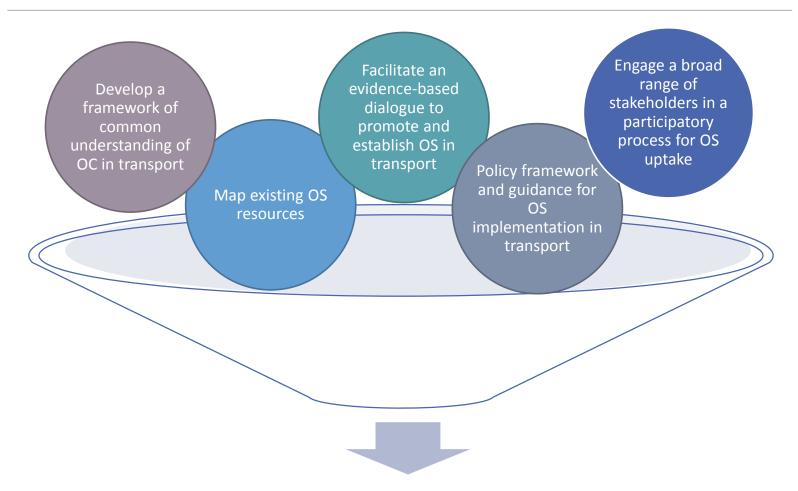






Strathclyde

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

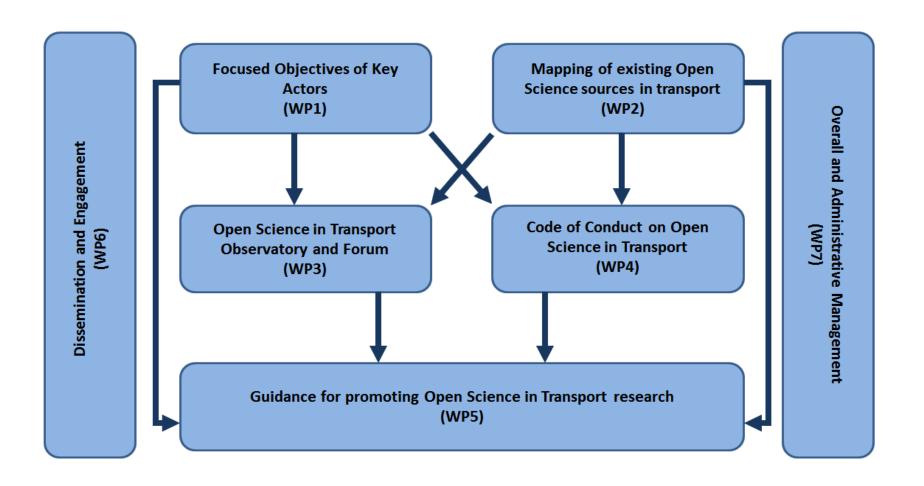
Develop **governance and new operational/business models** for enhancing OS by describing the rationale of how to create and capture value in economic and social context

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 @ → ① PENSCIENCE → 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