

CERTH
CENTRE FOR
RESEARCH & TECHNOLOGY
HELLAS

European forum and oBsErvatory for OPEN science in transport - BE OPEN

Prof. Maria Boile

Research Director

boile@certh.gr

CERTH / HIT



- Coordination and Support Action
- MG-4-2-2018 topic: “Building Open Science Platforms in Transport Research”
- Duration: 30 Months
- Start date: 01/01/2019

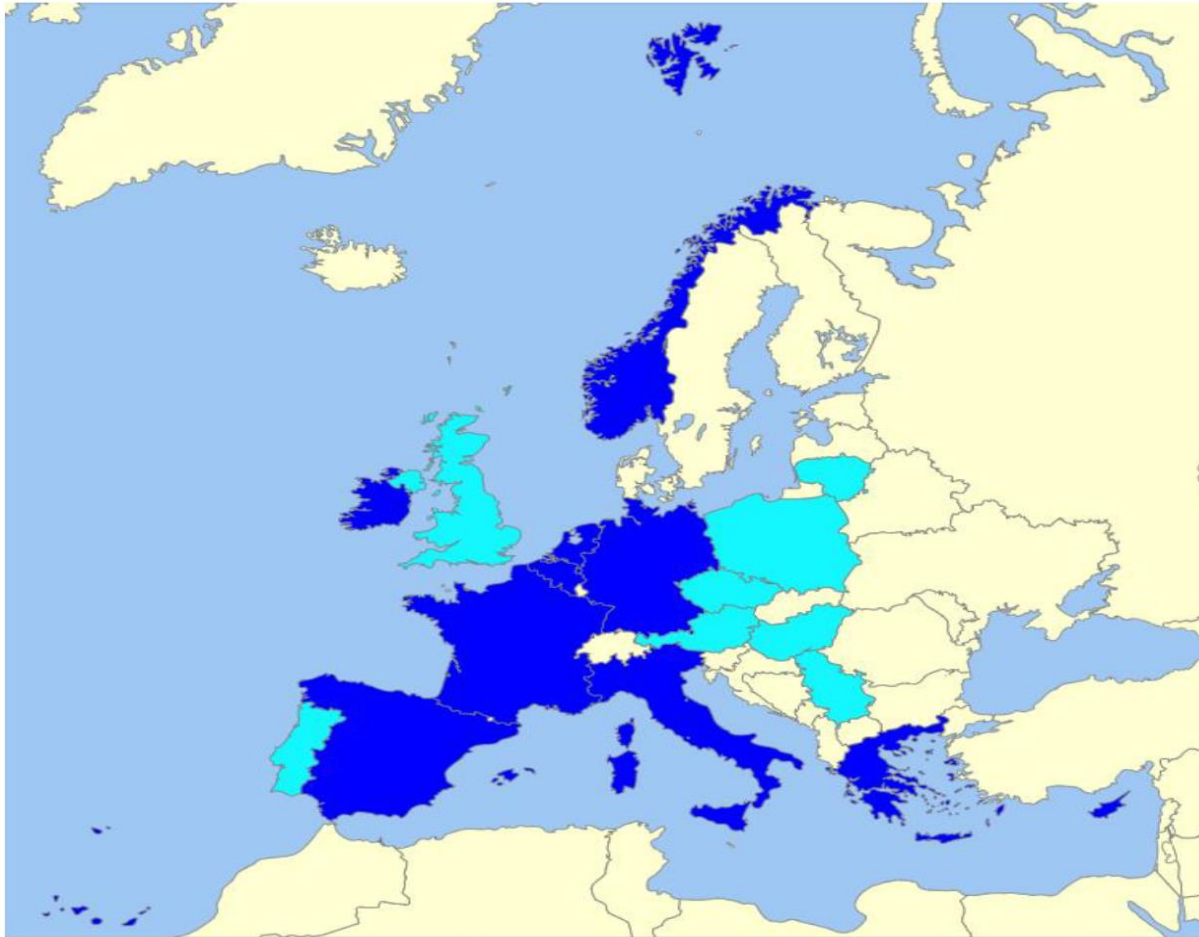
Consortium



www.imet.gr / www.certh.gr



Geographical coverage



www.imet.gr / www.certh.gr

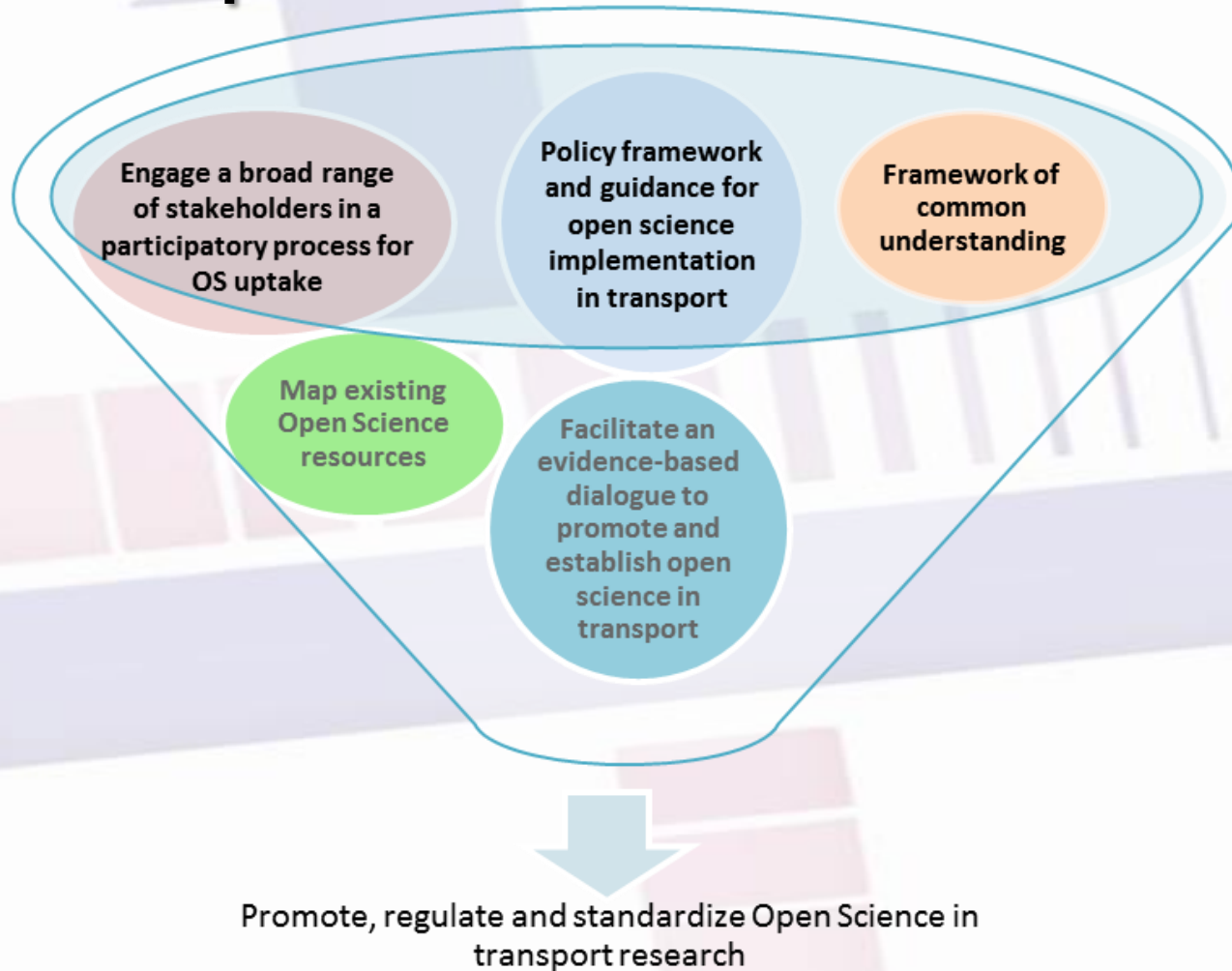
Aims to...

- **Capitalize upon existing initiatives and enable Open Science formulation**
 - Key actors will coordinate and support actions for promoting Open Science policies, services and infrastructures
 - Involve key actors in planning and implementation
 - Enable key actors to learn from direct experience, previous knowledge and other relevant stakeholders
- **Facilitate a common understanding among actors**
 - Promoting Open Science
 - Prioritizing existing initiatives and actions at regional, European and International level

Aims to...

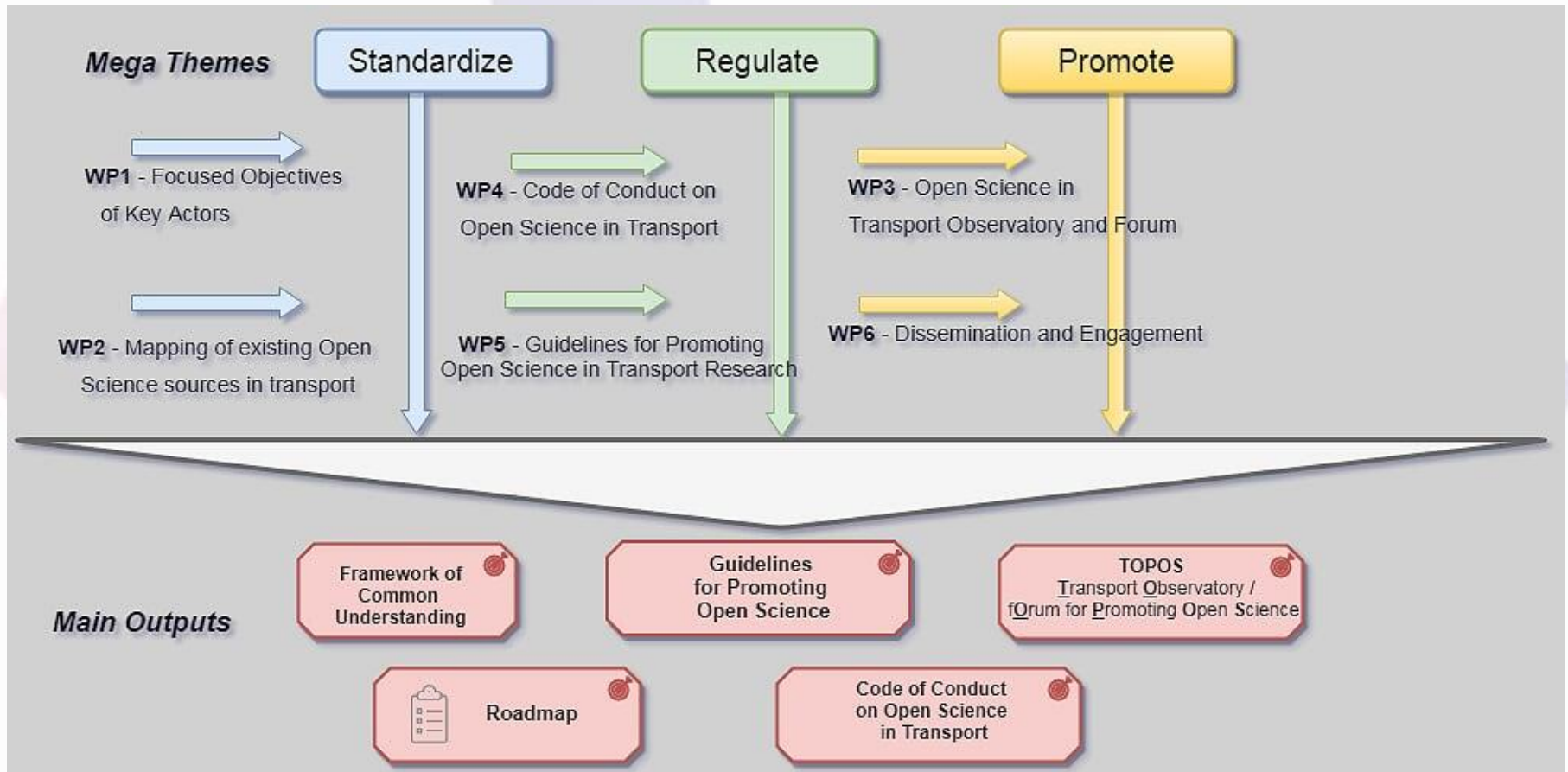
- **Monitor progress in order to facilitate continuous improvements in Open Science exploitation**
 - Proper indicators will be developed for supporting Open Science purposes
 - A monitoring progress will be used to address information management, internal coordination, external coordination, risk management and other relevant dimensions

Concept

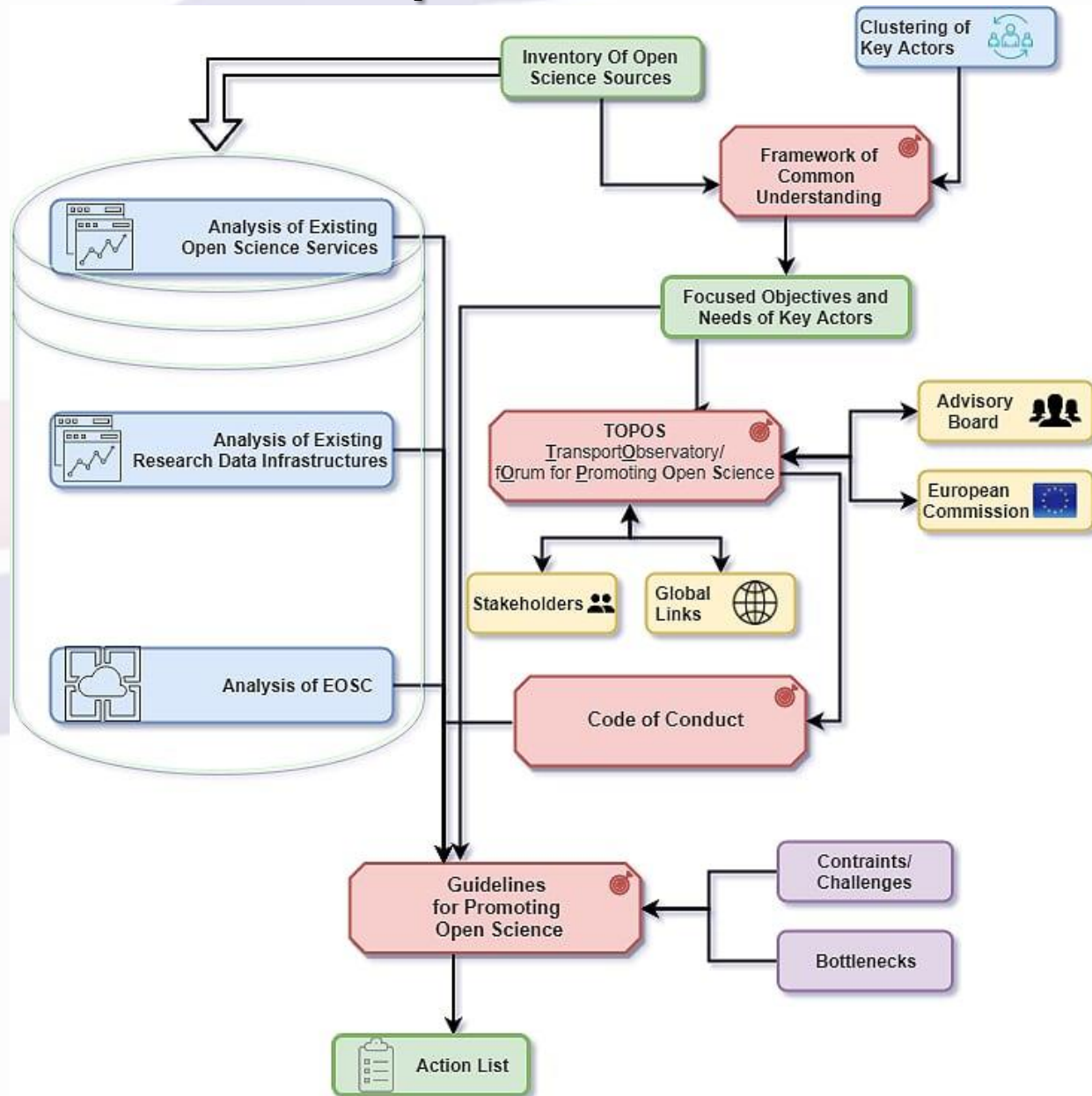


www.imet.gr / www.certh.gr

- **Develop a framework** to establish a **common understanding** of operationalizing Open Science in Transport
- **Map existing Open Science resources** and see how transport research fits in
- Facilitate an **evidence-based dialogue to promote and establish** Open Science in transport
- Provide the **policy framework and guidance** for open science implementation in transport
- **Engage a broad range of stakeholders** in a participatory process for Open Science uptake



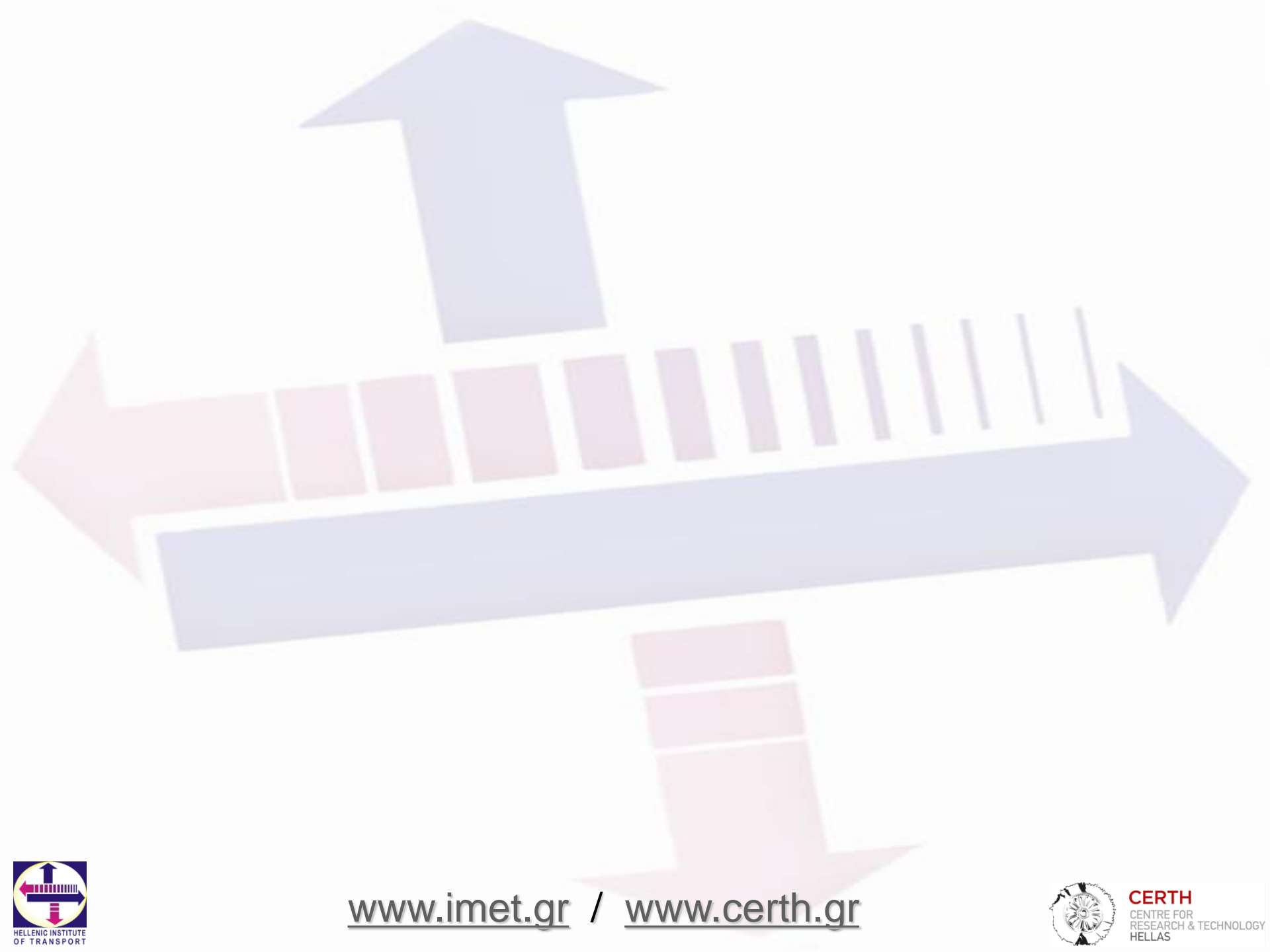
Systematic implementation solution



- TOPOS forum and observatory tools will contribute to creating a **solid knowledge base on the implementation of Open Science** approach in transport research
- **Governance and new operational/business models** will be developed for enhancing Open Science by describing the rationale of how to create and capture value in economic and social context
- The **European Code of Conduct on Open Science** in transport will be developed proposing recommendations and proper guidelines that allow setting up a community of transport research organizations

- **Awareness and visibility** (authorities, Industrial and SMEs Associations in Transport, Publishing Companies, and the various European Technology Platforms, and strong media coverage) will be created
- **International stakeholders** will be engaged in mutual learning and sharing experiences

- **Existing Open Science resources in Transport Research:**
 - knowledge and use of open access publications (including also open peer review)
 - existence and knowledge of official open access policy
 - existence and use of repositories
- **European Commission** proposes the **European Commission Open Research Publishing Platform** that will provide open access to scientific publications in a reliable, easy and fast way.
- **Publishing companies** realized that opening up European research could stimulate greater movement of knowledge and promote excellence improving cooperation between research community and industry.
 - Springer Publishing Company → European Transport Research Review (from 2009), Journal of Modern Transportation (from 2011) and Urban Rail Transit (from 2015)
 - Elsevier Publishing Company → International Journal of Transportation Science and Technology (from 2012), Transportation Research Procedia (from 2014) and the recently launched Transportation Research Interdisciplinary Perspectives
 - Hindawi Publishing Company → Journal of Advanced Transportation (from 2017) as part of a publishing collaboration with John Wiley & Sons, Inc.



www.imet.gr / www.certh.gr