



# STA

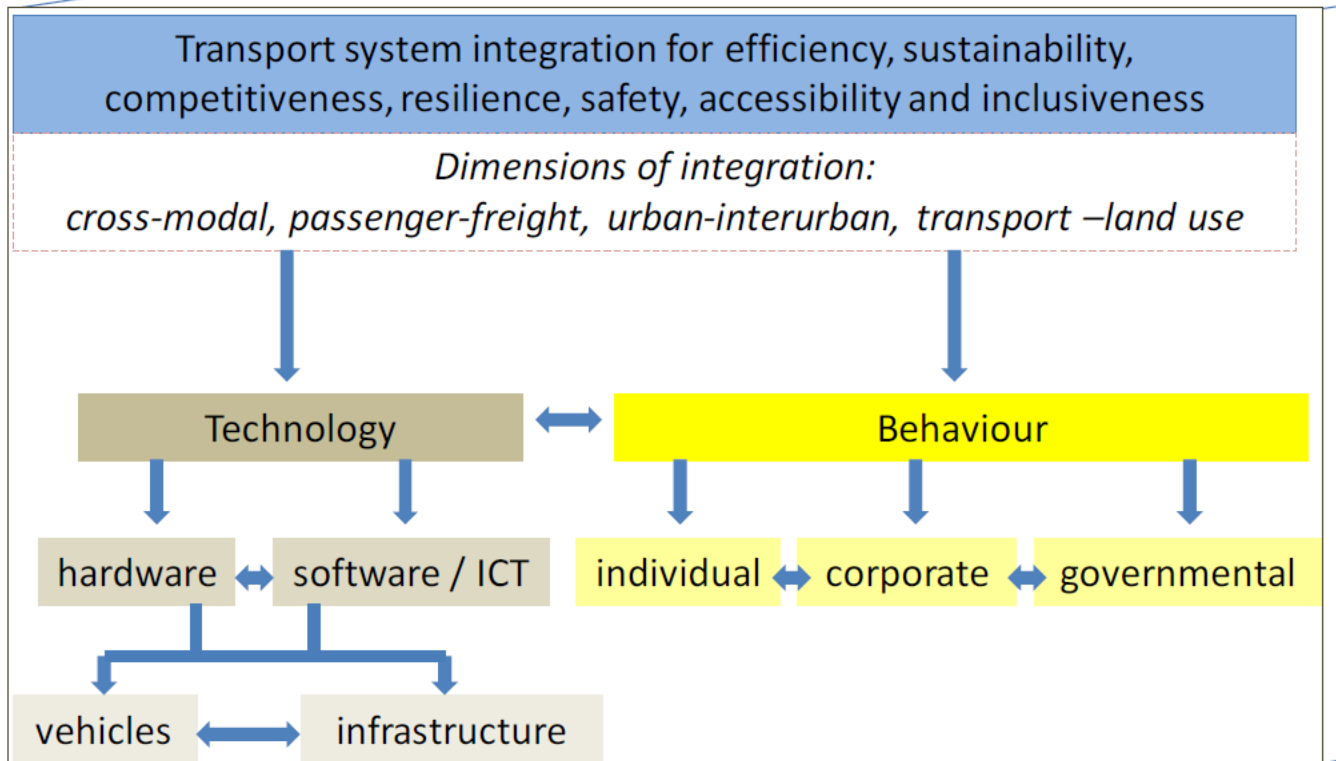
## ANNUAL CONFERENCE & INNOVATION AWARDS

Brussels, 28 November 2017

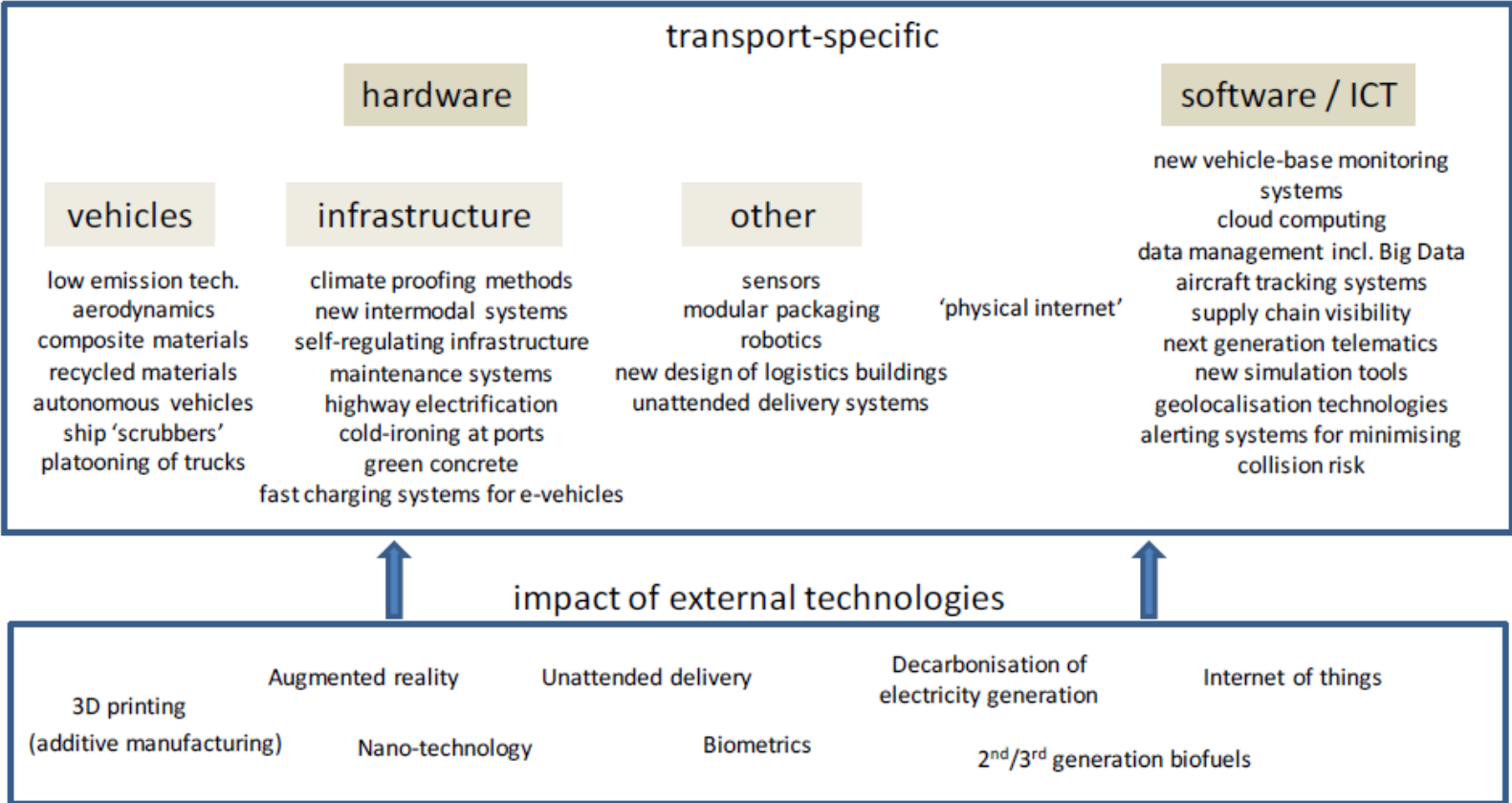
# Project clouds - A new way of coordinating R&I

**Maria Cristina Marolda, EC – DG MOVE B3**

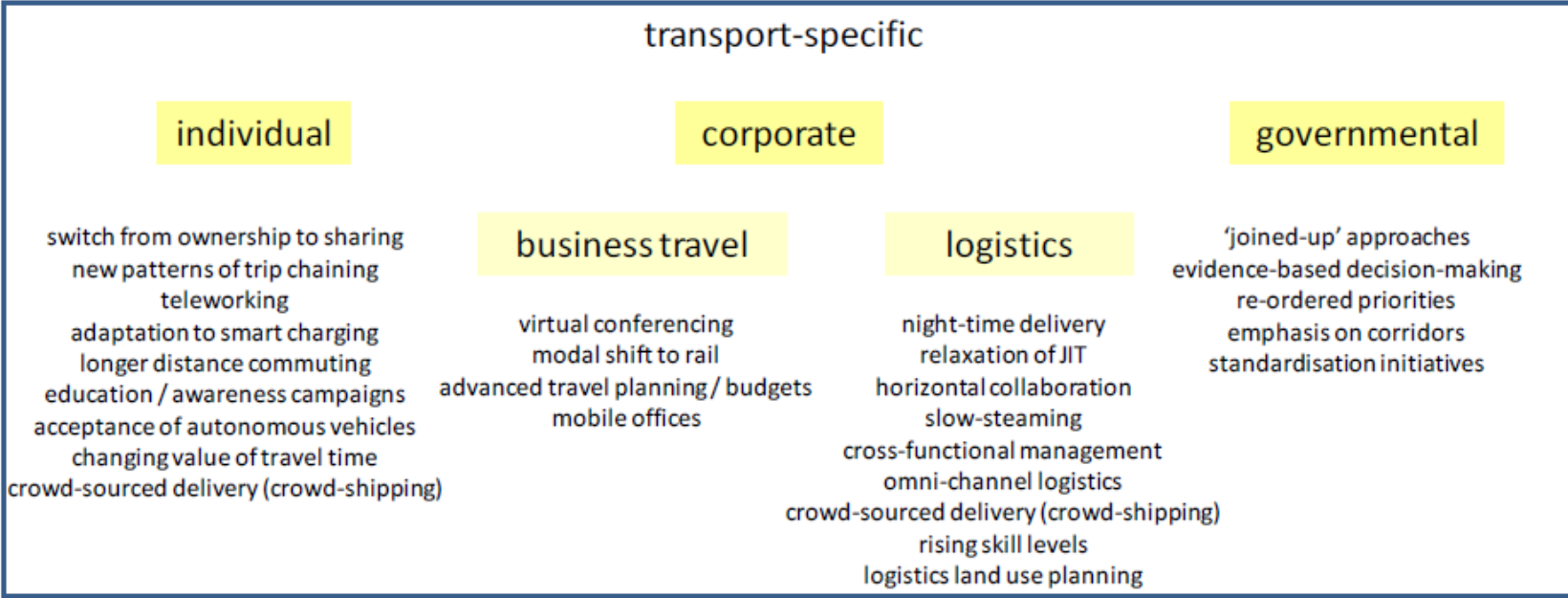
# Recommendations of the Transport Advisory Group to the Commission on Horizon 2020 June 2014



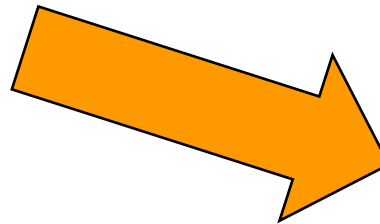
Technology



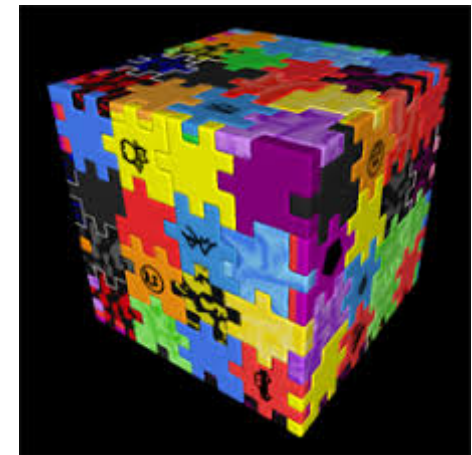
**Behaviour**



# **INDIVIDUAL PROJECTS WILL HAVE A REAL IMPACT IF THEIR EFFORTS ARE COMBINED**



**TO PRODUCE  
EFFECTIVE INNOVATION  
IN A SPECIFIC SECTOR**



## **ACTORS AND ACTIVITIES NEED TO EXCHANGE AND CROSS-FERTILIZE ALONG THE INNOVATION CHAIN**



**TO HAVE INNOVATIVE  
SOLUTIONS RUNNING**



# THE CLOUD CONCEPT



**DYNAMIC, ABLE TO CHANGE SHAPE AND DIMENSION, HIGH FLEXIBILITY AND FREEDOM, ADAPTABLE TO DIFFERENT 'GATHERING' OF PROJECTS AROUND A THEME OR CHALLENGE**



## WORKSHOPS

### **LOGISTICS:**

31/03/2017

**Carbon footprint reduction in Freight Transport and Logistics**

25/04/2017

**Digitalization, data sharing and trust enabling efficient and sustainable freight transport and logistics**

23/05/2017

**City Logistics**

### **INFRASTRUCTURE:**

28/03/2017

**Construction and Maintenance**

09/06/2017

**Operation and services**





# Collaborative Innovation Days 2017

## MAIN OUTCOMES:

- **new challenges** strongly impact infrastructure construction techniques, operations and management
- significant **change in the role of the infrastructure managers** and operators called to provide innovative services to users and costumers
- need for a **multimodal systemic vision of the transport system**, key to deal with disruptive technologies
- necessity of **more flexible forms of collaboration** in order to work no more in silos but in an open network. **The cloud events are considered a good solution to make collaboration more flexible**
- **new business models** could enable innovative services and the introduction of new technologies, and to share data to enable new services for the users
- need for a significant **joint effort in defining a roadmap** for the conception and deployment of an **integrated European transport network**
- collaboration towards the creation of a complementary toolkit to **innovate techniques and procedures** for building and managing infrastructure
- **break the silos** and consolidate the link between the different transport modes and the different professionals, identifying the best way forward to create an **'ecosystem for innovation'** in transport infrastructure.



## **Transport Infrastructure Final Conference**

23/10/2017, Bergish Gladbach, Germany

27 project posters presented

2 Wrap-up sessions

2 Panel discussion on the themes of the workshops

2 Breakout sessions:

Strategic cooperation between infrastructure managers and industry

Cohesion between research and training networks

50 and plus participants



## GENERAL CONCLUSIONS:

**The concept of Cloud is a suitable framework to develop Collaborative Innovation.**

The cloud will help the Commission to assess the overall results of Infrastructure research in specific sectors. This exchange of view is meant to give input to regulatory activities, when necessary, support a faster result uptake, and identify success stories based on concrete impact of their implementation.

**The topics addressed in the Infrastructure Cloud have been fully backed by a strong participation of stakeholders.** Based on this experience and in consideration of the flexibility of the concept, in future more concrete topics should be foreseen in order to enhance closer interaction and enrich discussions.

**Collaborative Innovation Days have demonstrated a high added value for participants.** Productive discussions and new ways of addressing current challenges have been facilitated in the context of each event.



# VIENNA 2018

## A digital era for transport



solutions for society, economy and environment

Date: 16 -19 April 2018  
Reed Exhibition Vienna, Austria

# TRANSPORT RESEARCH ARENA 2018

## A digital era for transport – solutions for society, economy and environment

#tra2018 / [www.traconference.eu](http://www.traconference.eu)

Hosted and organised by:



*austriatech*



Co-organised by:

Together with:



# Thank you for your attention!

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<http://www.collaborativeinnovationdays.eu>