DATA4PT Project

Stakeholders meeting – 05/11/2020

EC policy perspective and objectives

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EC DG MOVE B4

Policy Context

European Green Deal - Data Strategy - Mobility Data Space
ITS Directive
MMTTIS Delegated Regulation 2017/1926

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PARLIAMENT, THE EUROPEAN COUNCIL, THE COUNCIL, T.
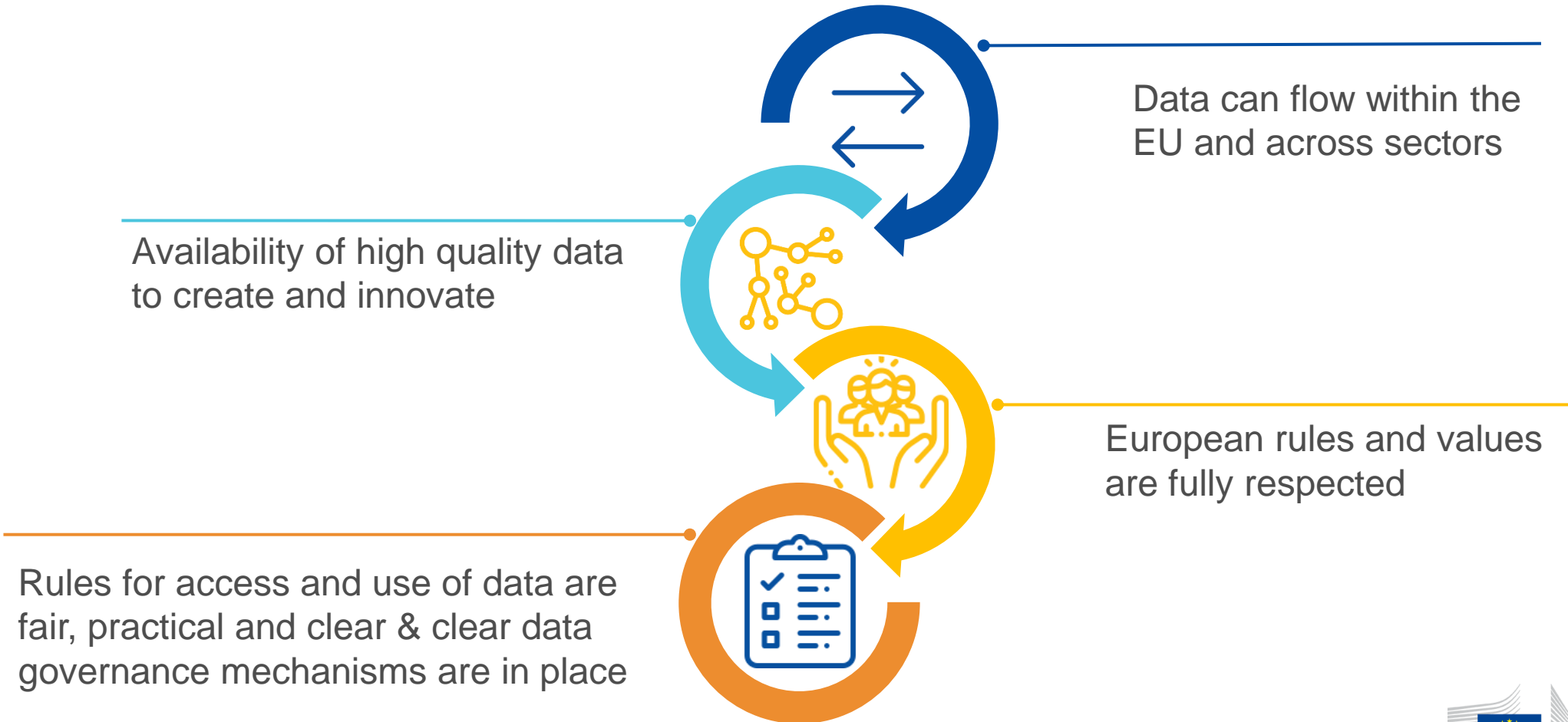ECONOMIC AND SOCIAL COMMITTEE AND THE COMMIT
REGIONS**

The European Green Deal

"_**To achieve climate neutrality, a 90% reduction in transport emissions is needed by 2050**. Road, rail, aviation, and waterborne transport will all have to contribute to the reduction. Achieving sustainable transport means putting users first and providing them with more affordable, accessible, healthier and cleaner alternatives to their current mobility habits. The Commission will adopt a strategy for sustainable and smart mobility in 2020 that will address this challenge and tackle all emission sources._"

European Strategy for Data

A common European data space, a single market for data

Data can flow within the EU and across sectors

Availability of high quality data to create and innovate

European rules and values are fully respected

Rules for access and use of data are fair, practical and clear & clear data governance mechanisms are in place

European Commission

What are the problems?

Not enough data available for reuse

- More public sector data can be made available
- Low uptake of voluntary data sharing among companies
- No clarity on the use of private sector data for the common good

No real user empowerment

- imperfect data portability mechanisms

Lack of European data processing & storage solutions

Absence of comprehensive data governance approaches

- To address legal and technical barriers within and across sectors (e.g. standardisation & interoperability)

Fragmentation of the single market

Deploying the strategy through 4 pillars

A governance framework
for data access & use

including a legislative framework for the governance of European data spaces and other cross-sectoral measures for data access and use for specific situations

Enablers

investments of € 2 billion on European data spaces, including data sharing architectures and governance mechanisms as well as federating cloud infrastructures and services
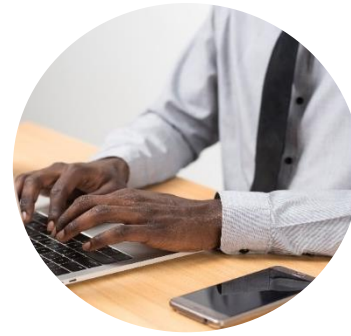
Competences

User empowerment, investments in general data literacy, addressing lack of skilled labour, up/reskilling of our work forces as well as dedicated capacity building for SMEs.

Rollout of common European data spaces

in crucial economic sectors and domains of public interest, looking at data governance and practical arrangements.

International Aspects

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Common European data spaces

Rich pool of data (varying degree of accessibility)

Free flow of data across sectors and countries

Full respect of GDPR

Horizontal framework for data governance and data access

Health

Industrial & Manufacturing

Agriculture

Finance

Mobility

Green Deal

Energy

Public Administration

Skills

– Technical tools for data pooling and sharing   licenses, access rights, usage rights)
– Standards & interoperability (technical, semantic)
– Sectoral Data Governance (contracts,
– IT capacity, including Cloud storage, processing and services

Common European mobility data space

*"…to position Europe at the **forefront of the development** of an intelligent transport system, including connected cars as well as other modes of transport. Such data space will facilitate **access, pooling and sharing of data** from existing and future transport and mobility databases."*

Among other transport-related actions:

- Review the Directive on Intelligent Transport Systems, including its delegated regulations to further contribute to data availability, reuse and interoperability (2021)
- Establish a stronger coordination mechanism to federate the National Access Points established under the ITS Directive through a EU wide CEF Programme Support Action (2020).

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Intelligent Transport Systems (ITS) Directive 2010/40/EU

- Six priority actions:
  a) provision of EU-wide multimodal travel information services (2017/1926)
  b) provision of EU-wide real-time traffic information services (2015/962)
  c) road safety related minimum universal traffic information free of charge to users (886/2013)
  d) harmonised provision for an interoperable EU-wide eCall (305/2013)
  e) provision of information services for safe and secure parking places for trucks and commercial vehicles (885/2013)
  f) provision of reservation services for safe and secure parking places for trucks and commercial vehicles (N/A)

- Requirement for:
  - Making already digitalised public and private **data accessible** for (re-)use
  - **Categories and types of data** to be made accessible
  - **Geographical scope** where the legislations apply
  - **Standardising** formats and interfaces
  - **National Access Points**, where data sources can be made available or linked
  - **Timelines** for deployment (where applicable)

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Intelligent Transport Systems (ITS) Directive 2010/40/EU

- The revision aims to achieve three specific objectives (1) increase interoperability and cross-border continuity of ITS applications, systems and services (2) establish effective coordination and monitoring mechanisms between all ITS stakeholders (3) solve issues related to the availability and sharing of data which supports ITS services.

- **Study will start beginning of November 2020 and IIA and stakeholders consultation is published:**

https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12534-Revision-of-the-Intelligent-Transport-Systems-Directive-

Delegated Regulation 2017/1926

- **Objective:** support the development of EU-wide multimodal travel information services, make them accurate and available across borders to ITS users.

WHAT: Access and exchange <u>of least</u> **STATIC** Public and Private Travel and Traffic Data for Travel PLANNING across all modes

HOW (1): via **National Access Points (NAP)** in phased implementation - MS to determine shape/form of NAP

HOW (2) Standardised Travel and Traffic Data in NAP – harmonised set across different modes. Use of translators possible

HOW (3) Use **via licence agreements**, harmonised set of **terms and conditions, quality** criteria

Data categories listed in the Annex, including: **Static data on common fares** and **special fares** (promotions)

also about SERVICES

WHAT: Push for Distributed Journey Planning across EU via linking local, regional and national services where there is a demand

HOW: Recommended use of European standardised interface, defined 'handover points' and contractual agreements

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ITS Work Programme

- **Update of the work programme 2018 – 2022**

https://ec.europa.eu/transport/sites/transport/files/legislation/c20188264_en.pdf

3.6. Interoperable payment / ticketing

Description: this activity will look at technical, legal and commercial barriers and challenges of EU-wide multimodal booking and ticketing, starting with a Commission study launched in 2018, notably as a further contribution to support the 'Mobility as a Service' approach, and addressing the commercial and legal barriers to ticketing *(priority area II of the ITS Directive)*.

Further steps will be discussed with Member State experts on the basis of the study's recommendations.

Timeline: 2018–2022

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Our expectations

Expectations

➢ **Facilitate the deployment of EU public transport data standards (Transmodel: NeTEx and SIRI) for MMTIS**

▪ Through technical development of the standards including technical artefact maintenance, validation tools and test platforms, possible updates of the standard, dev of EU minimum profiles;

▪ Develop a Transmodel community to share best practices, provide training sessions, support for writing profiles…

European Commission

Expectations

- Facilitating the operational use of NeTEx and SIRI standards: shared EU validation tools by PTOs and PTAs; exchange of best practice…

- Project management: development of a project management plan with explicit targets and deliverables; development of communication strategy and tools including to ensure proper promotion of the project and its results.

European Commission

Thank you

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Unit B4 - Sustainable & Intelligent Transport

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