EU support to digital platforms

Introduction

Svetoslav Mihaylov
Policy Officer
Internet of Things
DG CONNECT
European Commission
EU funding support along the way

- **Horizon 2020/Europe**
  - IoT, Smart Cities, etc. large scale pilots e.g. Synchronicity (MIMs), InterConnect (SAREF), ...
  - CSAs – Open DEI (platforms, data spaces, ...)
  - Energy Data Space
  - Cloud-Edge MetaOS, Swarm intelligence, Cognitive cloud...
  - Nurtured some very capable start-ups/SMEs – e.g. Ubiwhere, Sensinov, ...

- **Digital Europe Programme**
  - Common European Data Spaces – Sectorial, Support Centre
  - Cloud-Edge continuum/services, Smart middleware
  - Local/Urban digital platforms
  - Digital Innovation Hubs

- **Connecting Europe Facility Digital**
  - Operational Digital Platforms
  - CEF Building Blocks

- **Recovery and Resilience Facility**
All important aspects taken into account

- Platforms
- Interoperability
- Standards
- Ecosystem
- APIs
- Ontologies/Semantics
- Trust and cybersecurity
- Sustainability
The European Data strategy

**Cloud actions:**
- Cloud Rulebook
- Co-Investments in cloud-to-edge services, cloud federation and marketplaces.

**Data actions:**
- New legislation (Data Governance Act, Services Act, Data Act, Market Act, Impl. High value data sets …)
- Co-investments in EU Data Spaces

**IPCEI* on Next Generation Cloud**
(*Important Project of Common European Interest)

**DIGITAL Europe Programme**

**Common European Data spaces**

**Coordination**

**Complementing & integrating private and public initiatives, e.g.:**

**IPCEI**
- Federation & interoperability standards
- Use cases; technical architecture

**DIGITAL Europe Programme**

**Data Spaces Support Centre**
- Coordination and governance

**European Alliance for Industrial Data, Edge and Cloud**
### Legal instruments

<table>
<thead>
<tr>
<th>Data Governance Act</th>
<th>Ensure <strong>TRUST</strong> in data transactions.</th>
<th>Public sector data, private sector data and personal data voluntarily made available by data holders.</th>
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<tbody>
<tr>
<td>Digital Market Act</td>
<td>Regulate <strong>MARKET POWER</strong> based on data.</td>
<td>Personal data and private sector data held by online platforms and originating from the users (both businesses and individuals).</td>
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<tr>
<td>Digital Service Act</td>
<td>Ensure a proper functioning of the single market for <strong>DIGITAL SERVICES</strong>.</td>
<td>Best conditions for innovative cross-border digital services to develop. Maintain a safe online environment and protect fundamental rights.</td>
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<td>Impl. Act. High Value Datasets</td>
<td>Unleash the socio-economic potential of data as a <strong>PUBLIC GOOD</strong>.</td>
<td>Public sector data of high value.</td>
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<tr>
<td>Data Act</td>
<td>Ensure <strong>FAIRNESS</strong> in the allocation of data value among the actors of the data economy.</td>
<td>Private sector data, personal data and co-generated (IoT) data.</td>
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Thank you!