

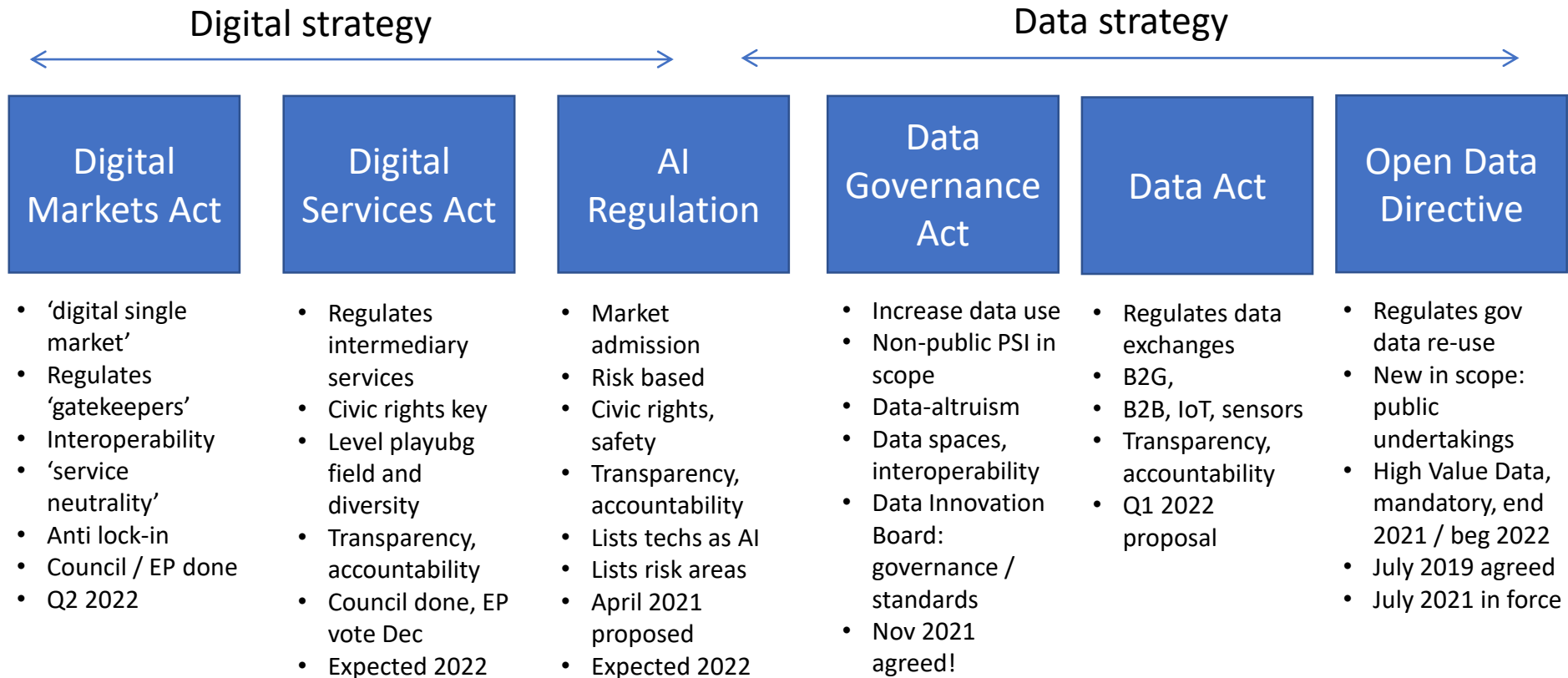
New EU legal framework on digitisation and data

12th IHO European Network Working Group Meeting

8 December 2021

Geopolitical positioning with EU legal framework

Digital Compass & Digital Rights and Principles



EU digitisation and data approach

- Maximise societal benefits of digitisation and data usage
- Guard and strengthen civic rights and European values
- Export norms through legislation
- Directly connected to EU policy goals (e.g. Green Deal)
- Leading to EU single market for data usage (data spaces)
- DEP calls launched

Green Deal data space

Outcomes and deliverables

- A sustainable data governance scheme as well as a blueprint that connects existing national, regional and local data ecosystems and enables public and private stakeholders to access relevant data; and to develop cross-sector data services.
- A priority list of datasets relevant to the European Green Deal Strategy;
- A roadmap towards the common European Green Deal data space

Objective:

The Green Deal data space will interconnect^[1] currently fragmented and dispersed data from various ecosystems^[2], both for/from the private and public sectors. It will offer an interoperable, trusted IT environment, for data processing, and a set of rules of legislative, administrative and contractual nature that determine the rights of access to and processing of the data. The data space will also establish links with activities in other EU programmes such as Horizon Europe (in particular those funded under Cluster 4 “Digital, Industry and Space”, Cluster 5 “Climate, energy and Mobility”, Cluster 6 “Food, Bioeconomy, Natural Resources, Agriculture and Environment” and the relevant Missions) and the space programmes (e.g. Galileo and Copernicus) providing massive amounts of data including in real time. In order to coordinate among the various initiatives contributing to the Green Deal objectives, the project will propose a roadmap for the deployment of a full-fledged common European Green Deal data space and liaise with potential users and other relevant actors to ensure synergies between users and infrastructures..

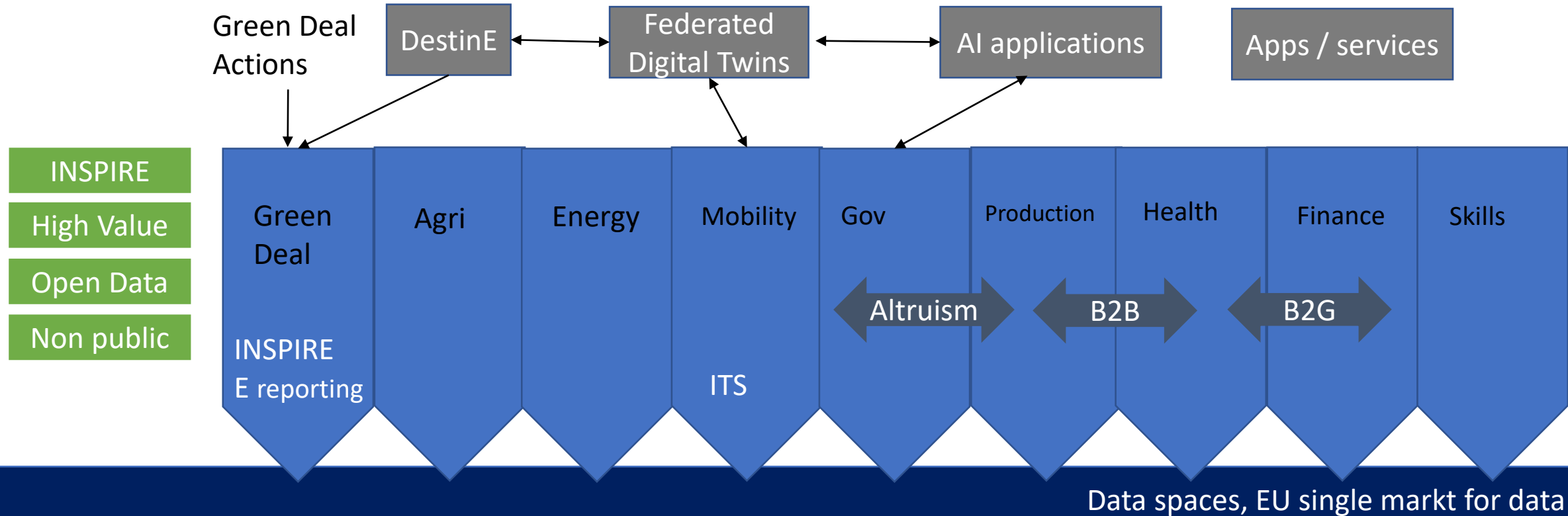
The Green Deal data space will be set up in synergy with the various relevant initiatives implementing the Green Deal Goals. In particular, in the context of this Work Programme, synergies will target:

- Relevant high quality data is expected to derive from the activities related to High Value Datasets^[3] in the framework of the **Public sector Open data for AI and Open Data Platform** (see topic 2.2.2.2).
- Data from **other sectoral data spaces** where relevant.
- The topics implementing **Destination Earth initiative** (see section 5.1.1). It will also contribute through the development of a very high precision digital model of the Earth to enable visualising, monitoring and forecasting natural and human activity on the planet in support of sustainable development.
- To complement the work during the first two years, a **Coordination and Support Action on Digital Product Passport** (see topic 5.1.3) will prepare the ground for a future common European data space for smart circular applications.

[1] Data sets may include e.g. High Value Datasets (e.g. from the Environmental, Meteorological and Geospatial thematic areas), Earth Observation data (e.g. Copernicus), Member States and participating EEA EFTA states / Associated countries' INSPIRE platforms, satellite images, IoT/sensor data, sensitive public data, private data with public interest as well as citizens' data (in line with GDPR).

[2] e.g. the European Marine Observation and Data Network (EMODnet) platform in the maritime domain, the EGDI – The European Geological Data Infrastructure, Copernicus programme and its DIAS (data and information access services).

[3] E.g. from the Environmental, Meteorological and Geospatial thematic areas



Data Innovation Board (DGA): interoperability, governance and standards

Technical infrastructure: federated clouds (e.g. GAIA-X) (DMA and DSA apply)

Questions to all of us

- Where in this landscape are you?
- How are you impacted, what opportunities emerge?
- How are our collaborations, networks building blocks & examples?
- How are our use cases creating benefits within policy goals?
- What does it say about preferred governance structures, standards, interoperability to be achieved?
- Where to take influence?