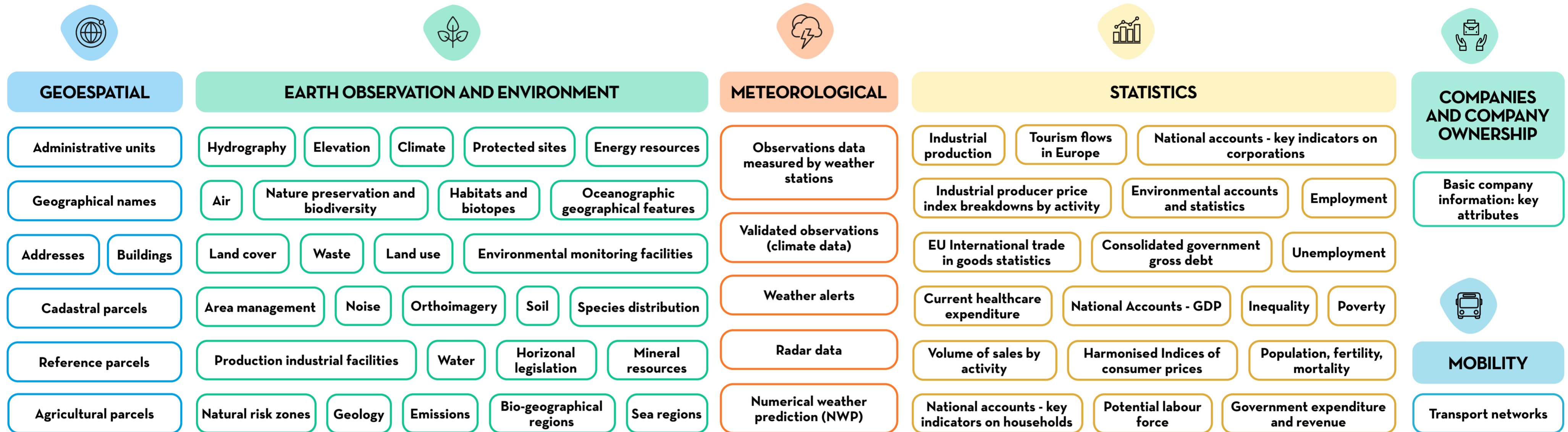# HIGH-VALUE DATASETS

1 WHAT ARE THEY?

High-value datasets are those **whose reuse** is associated with **considerable benefits** for society, the environment and the economy.

Source: Directive (UE) 2019/1024

2 WHICH DATASETS ARE CONSIDERED HIGH VALUE?

Directive (EU) 2019/1024 of 20 June 2019 sets out in its Annex a proposal for **6 thematic categories**, which have been defined in the **Implementing Regulation (EU) 2023/138**, of 21 December 2022.

» A participatory process was carried out with stakeholders and the citizens to develop this list.

GEOESPATIAL
- Administrative units
- Geographical names
- Addresses
- Buildings
- Cadastral parcels
- Reference parcels
- Agricultural parcels

EARTH OBSERVATION AND ENVIRONMENT
- Hydrography
- Elevation
- Climate
- Protected sites
- Energy resources
- Air
- Nature preservation and biodiversity
- Habitats and biotopes
- Oceanographic geographical features
- Land cover
- Waste
- Land use
- Environmental monitoring facilities
- Area management
- Noise
- Orthoimagery
- Soil
- Species distribution
- Production industrial facilities
- Water
- Horizonal legislation
- Mineral resources
- Natural risk zones
- Geology
- Emissions
- Bio-geographical regions
- Sea regions

METEOROLOGICAL
- Observations data measured by weather stations
- Validated observations (climate data)
- Weather alerts
- Radar data
- Numerical weather prediction (NWP)

STATISTICS
- Industrial production
- Tourism flows in Europe
- National accounts - key indicators on corporations
- Industrial producer price index breakdowns by activity
- Environmental accounts and statistics
- Employment
- EU International trade in goods statistics
- Consolidated government gross debt
- Unemployment
- Current healthcare expenditure
- National Accounts - GDP
- Inequality
- Poverty
- Volume of sales by activity
- Harmonised Indices of consumer prices
- Population, fertility, mortality
- National accounts - key indicators on households
- Potential labour force
- Government expenditure and revenue

COMPANIES AND COMPANY OWNERSHIP
- Basic company information: key attributes

MOBILITY
- Transport networks

These high-value datasets may be **expanded in line with technological and market developments.**

Discover the proposal for the extension of categories drawn up by the European Commission (2023)

3 HOW SHOULD THESE DATASETS BE PUBLISHED?

EU states must push for the opening of these datasets, fulfilling the following requirements:

1. Using non-restrictive open data licences (**CCO, CC BY 4.0** or equivalent)
2. Through **machine-readable** formats
3. Via **API**, indicating the characteristics of the service (performance, capacity and availability)
4. **Enabling bulk downloading** where appropriate and in **real time** when the nature of the information requires it
5. With a **comprehensive metadata description**

In accordance with Implementing Regulation (EU) 2023/138 of 21 December 2022:

The high-value datasets identified in this Regulation must be available for re-use by **June 2024** (Article 6).

From **February 2025** onwards, States must report on progress made in this area to the European Commission every two years (Article 5).

4 WOULD YOU LIKE TO KNOW MORE?

- High-value datasets: an overview through visualisation
- Europe defines the high-value datasets that the public sector will have to open up by 2024 at the latest
- Guidelines on how to use DCAT-AP for the publishing high-value data
- European Data Portal shares report with some standards for homogenising high-value data
- Complying with Europe: Inspire and the High Value Geospatial Assemblies Regulation
- High value statistical datasets foreseen in the National Statistical Plan 2021-2024 | datos.gob.es