

**Launch Event FAIR Office Austria**  
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## Data Policy

# Making Public Data FAIR

Open Data Directive (EU) 2019/1024  
EU Data Governance Act (DGA)



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## Starting Point

- Lacking **data availability**
- **Data silos**
- Lacking technical **interoperability**
- **Outdated cultures** in the public sector
- Outdated **business models**
- Lacking capacity for **data analysis**
- Lacking **data literacy**



## Cultural Change

We need to get away from a

**DATA LOCK-IN**

to creating

**VALUE for the public good**

by tackling grand challenges:

imbalances, poverty, diseases, climate change,  
demographic developments, etc.



# The role of the government



- **Pioneering role**
- **Public sector data**  
for economic and social development
- **Regulating the framework**
- International standard:  
**Open Government**
- Fulfilling **public tasks** – public financing
- **Data governance - (Open) Data officers**



- **Open Data Directive 2019/1024** (Public Sector Information, PSI Directive)
  - **Horizontal legal base** for the re-use of public sector data (PSI)
  - **Implementation** by all EU Member States until **July 17, 2021**
- **Minimum set of rules** for re-use:  
definitions, formats, charging (marginal costs), standard licenses, transparency, processing of requests, etc.
- **Practical arrangements:**  
metadata, findability, single point of access, dynamic data, API
- The Directive does not regulate **access to data, data protection or IPR**



## Extended Scope: Research Data *Open Access*



- Member States shall support the availability of research data
  - by **adopting national policies** and relevant actions aiming at making publicly funded research data openly available (**“open access”**)
  - following the principle of **“open by default”** and compatible with’ the **FAIR principles**.
- Concerns relating to intellectual property (IPR), personal data protection and confidentiality, security and legitimate commercial interests, shall be taken into account in accordance with the principle of **‘as open as possible, as closed as necessary’**.

## FAIR Data

**F**indable  
**A**ccessible  
**I**nteroperable  
**R**eusable

- **Data management planning** should become a standard scientific practice, supporting the dissemination of research data that are **findable, accessible, interoperable and re-usable** (the FAIR principle).
- **Criteria:**
  - **What?** Research data is **publicly funded**
  - **Who?** Researchers, research performing organisations or research funding organisations
  - **How?** Data publicly available through an **institutional or subject-based repository** (portal, database)

## Portals & Cooperation



The official portal for European data

**European Data Portal**  
[data.europa.eu](https://data.europa.eu)

**Austrian Open Data Portal**  
[data.gv.at](https://data.gv.at)





# High Value Datasets



- High value datasets must be
  - (1) available **free of charge**
  - (2) **machine readable**
  - (3) provided via **API**
  - (4) *where relevant:*  
provided as **bulk download**
- **Implementing regulation**  
upcoming

**Geospatial**

**Earth observation and environment**

**Meteorological**

**Statistics**

**Companies and company ownership**

**Mobility**

# EU Data Governance Act (DGA)

Complementing the Open Data Directive:

## **secondary re-use of protected data**

(personal data, IPR, commercial and statistical confidentiality)

Creation of decentralized data ecosystems:

1. Designation of competent public bodies: **secure processing environments**

(Access for researchers; e.g. statistical data, social and health data)

2. **Data intermediaries:**

Separation in the data economy between data provision, intermediation and use.  
Creating B2B ecosystems, personal data spaces, etc.

3. **Data altruism:**

Data altruism consent form, voluntary data sharing (e.g. for research purposes)



# European Data Strategy

- Realization of an **Internal Market for Data**
- Creation of **Common European Data Spaces**
- **European Open Science Cloud (EOSC)**



**EUROPEAN OPEN  
SCIENCE CLOUD**



HEALTH



INDUSTRIAL &  
MANUFACTURING



AGRICULTURE



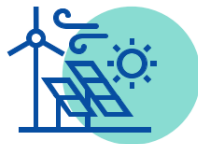
FINANCE



MOBILITY



GREEN DEAL



ENERGY



PUBLIC  
ADMINISTRATION



SKILLS



gaia-x

# All the best to the FAIR Office Austria!

## Use the power of data!



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