



# **Data resources: policies, programmes, technologies**

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**DG CONNECT/G1**

# 1. Policies

## DIGITAL SINGLE MARKET

The Digital Single Market strategy aims to open up digital opportunities for people and business and enhance Europe's position as a world leader in the digital economy.

- **April 2018 Communication on a Common European data space**
- **Proposed update of Directive on the Reuse of Public Sector Information**
- **April 2018 Recommendation on access to and preservation of Scientific Information**
- **April 2018 Staff Working Document - Guidance on sharing private sector data in the European data economy**

## 2. Programmes

**DIGITAL EUROPE PROGRAMME: €9.2B in 2021-27**  
Increasing EU's international competitiveness as well as developing and reinforcing Europe's strategic digital capacities.

- **High Performance Computing**
- **Artificial Intelligence**
- **Cybersecurity and trust**
- **Digital skills**
- **Ensuring a wide use of digital technologies across the economy and society (Digital Innovation Hubs for small and medium-sized enterprises and public administrations)**

## 3. Technologies

### SOME IDEAS FOR THE ORGANIC DEVELOPMENT OF DATA ASSETS.

- Pervasive use of existing standards
- Joint aggregation and curation
- Government mandated data standards for interactions and reporting
- Shared interaction protocols and data formats

## 3.b Joint aggregation and curation

### WEB SCRAPING

- Possible economies of scale in developing a EU platform
- Needed attention to issues of copyright
- Exchange of best practices
- Creation of data pools of high quality

## 3.c Government mandated data formats

### GOVERNMENTS AS A FORCE FOR ADOPTION OF STANDARDS

- eInvoicing and Nowcasting
- Early experiments on financial reporting (DG FISMA / ISA2)

## 3.d Shared interaction protocols and data formats

### ECONOMICS AS A FORCE FOR ADOPTION OF STANDARDS

- **The data promise of blockchains**
- **Need for confidentiality and security**
- **The promise of real time visibility of economic activities**