European Commission
Data Strategy

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First results and lessons learned

Workshop on Public Sector Data June 4, 2019

Emanuele Baldacci
European Commission, Director DIGIT.D

Agenda
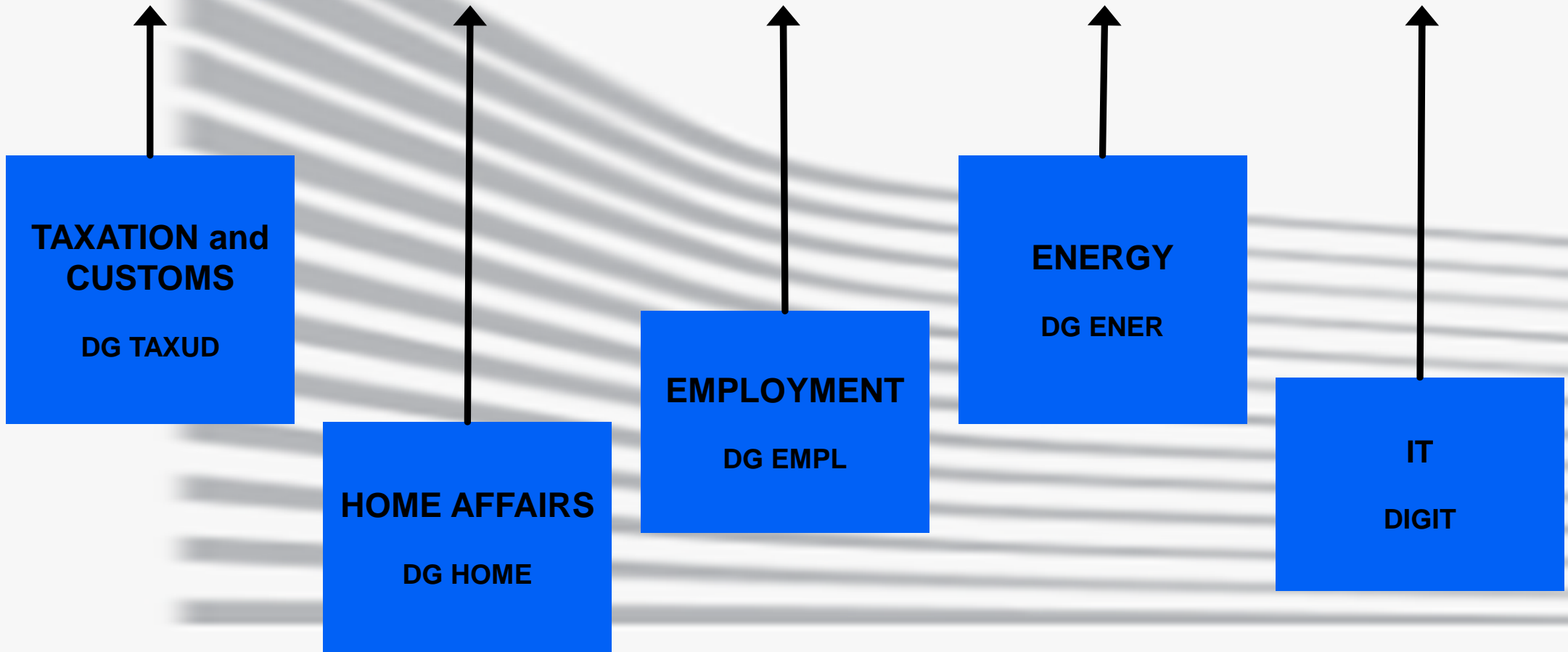
- Results to be achieved
- Results so far
- Lessons learned

European Commission

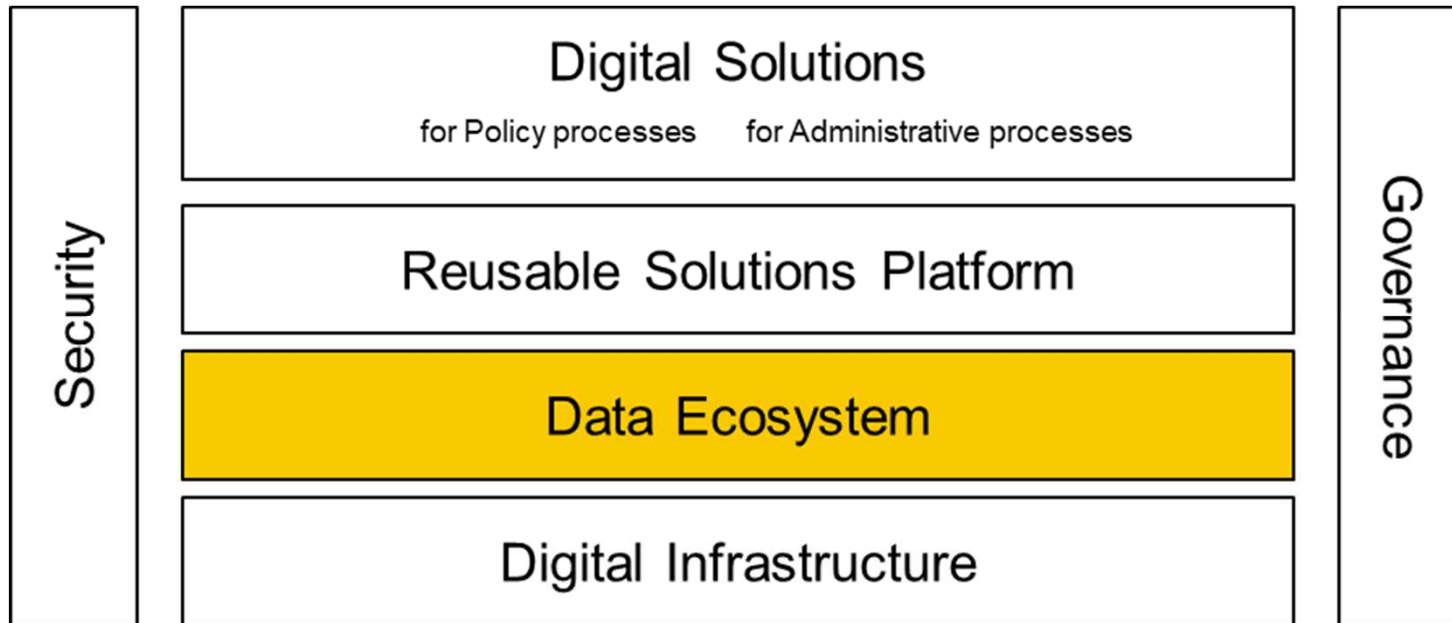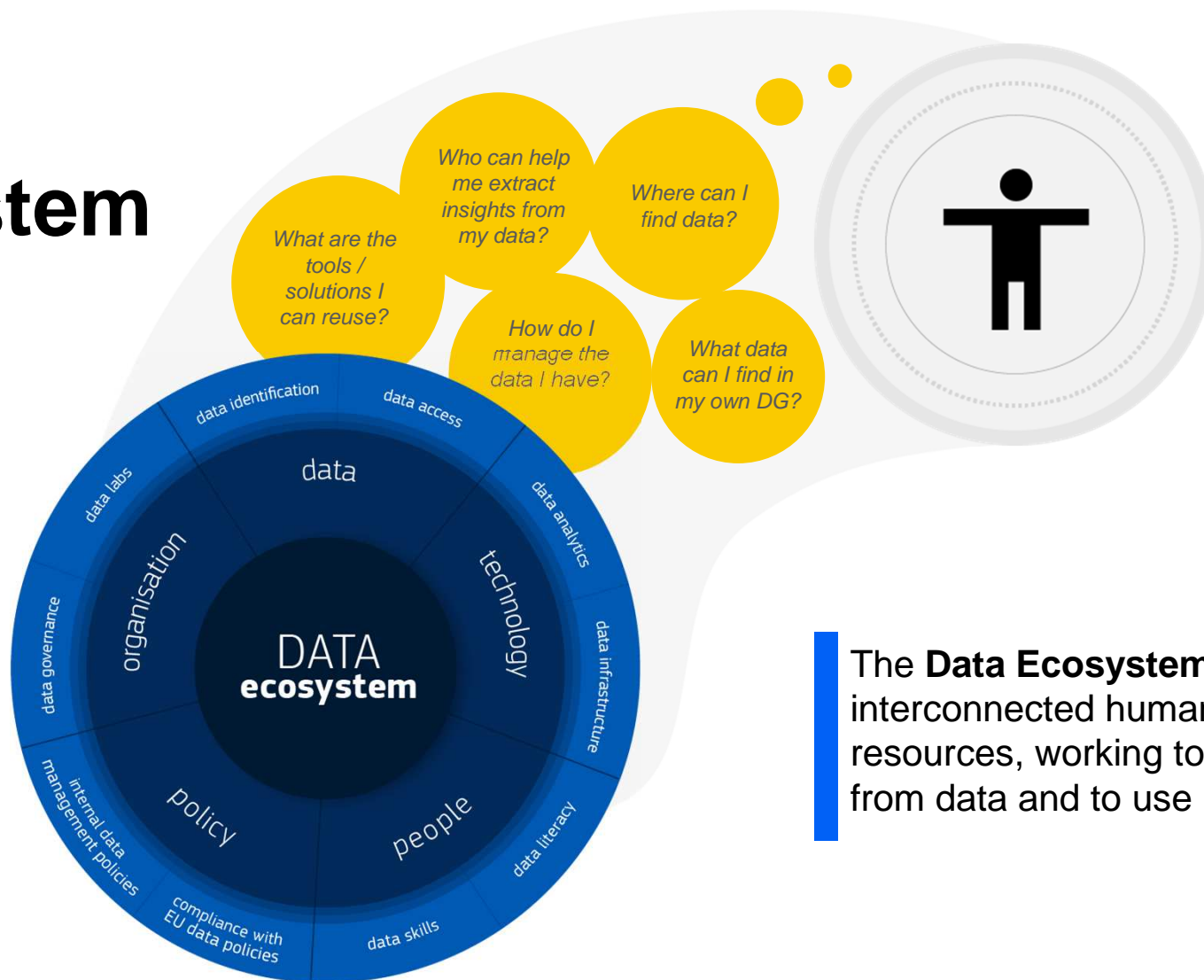# Results to be achieved

From a traditional organisation ...

to the Digital European Commission

Security

Digital Solutions

for Policy processes   for Administrative processes

Reusable Solutions Platform

Data Ecosystem

Digital Infrastructure

Governance

European Commission

The
Data
Ecosystem

What are the tools / solutions I can reuse?

Who can help me extract insights from my data?

Where can I find data?

How do I manage the data I have?

What data can I find in my own DG?

data identification

data access

data labs

data

data analytics

organisation

technology

data governance

DATA ecosystem

data infrastructure

internal data management policies

policy

people

data literacy

compliance with EU data policies
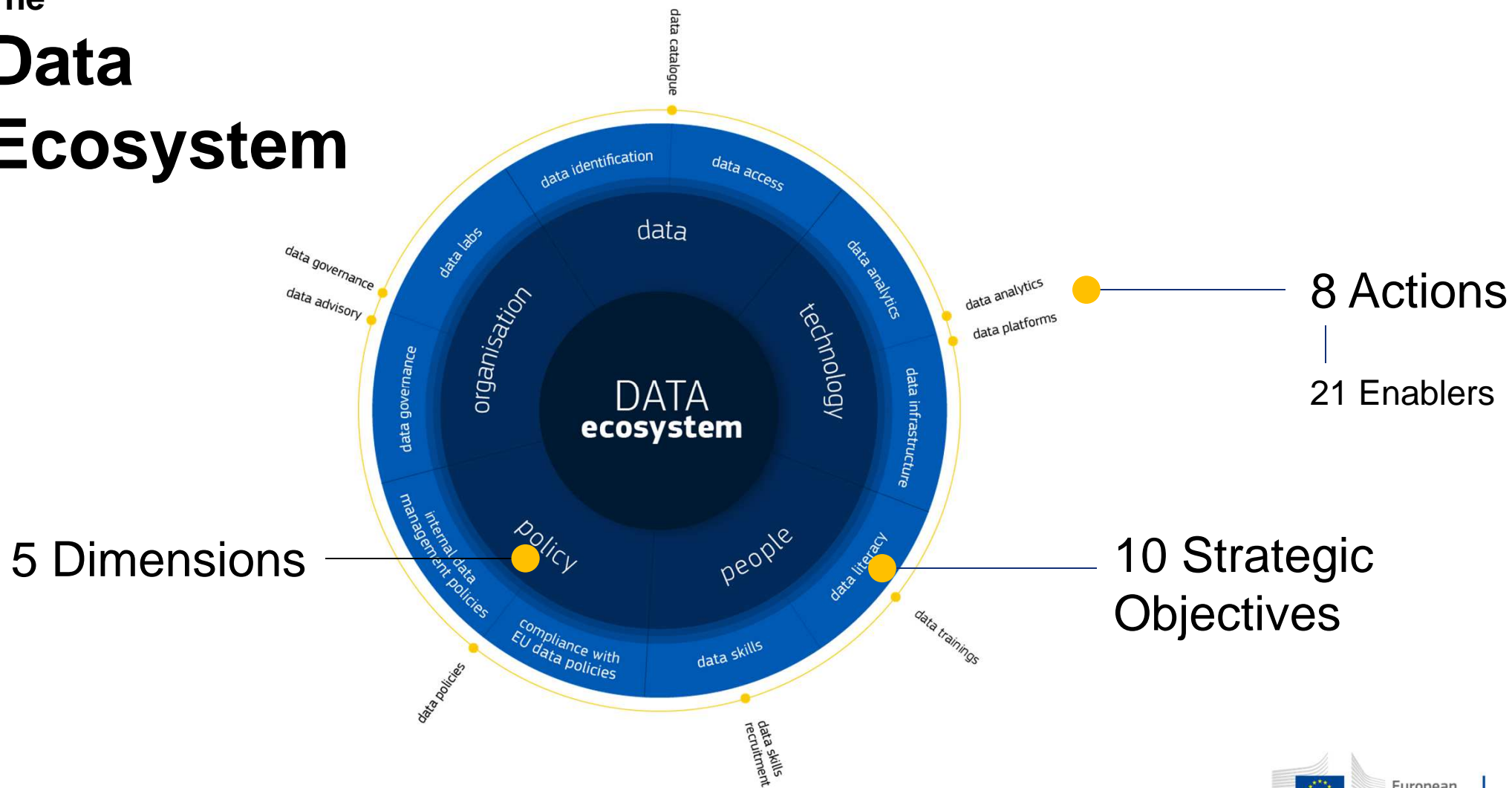
data skills

The **Data Ecosystem** is a system of interconnected human and technological resources, working together to extract value from data and to use it for decision-making.
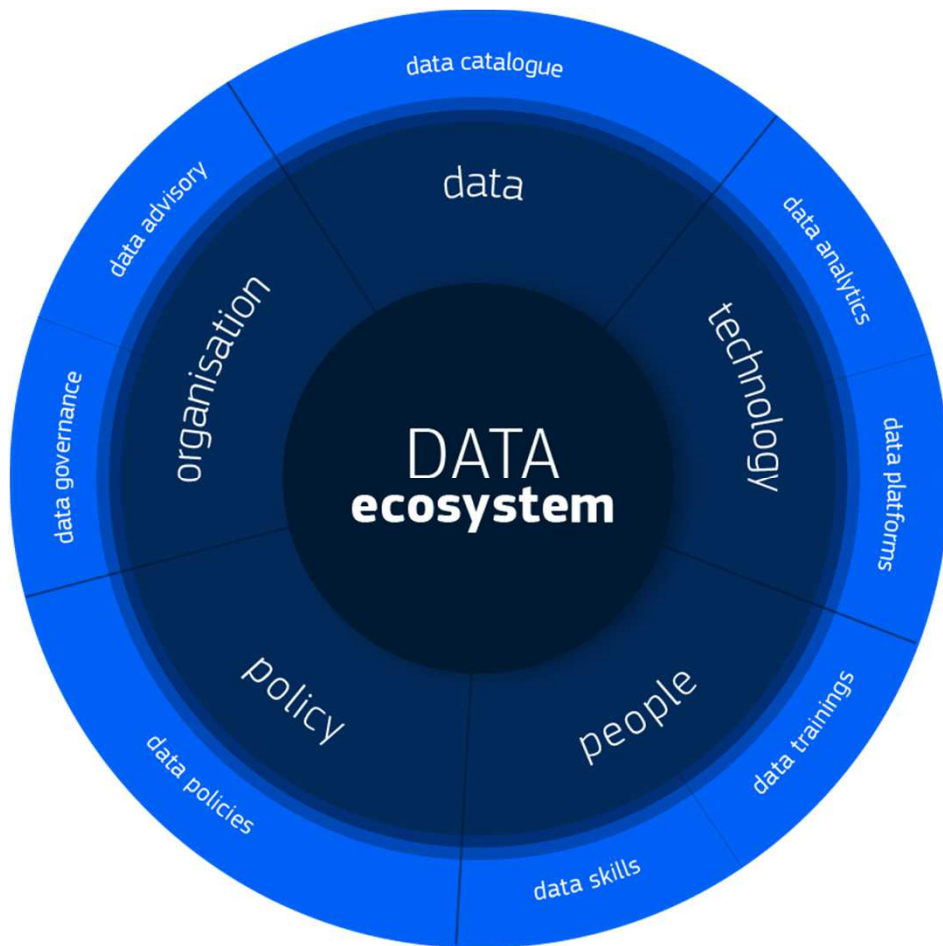
The Data Ecosystem

Results so far

Data Action Plan – Ongoing work

Actions

Data Catalogue
- Data inventory (JRC)
- Selecting solution to support the catalogue

Data Analytics

Data Platforms

Data Governance

Data Advisory

Data Skills

Data Trainings

Data Policies

Data Action Plan – Ongoing work

Actions

Data Catalogue

Data Analytics   **Prototypes**

Data Platforms   **DORIS**

Data Governance

Data Advisory

Data Skills

Data Trainings

Data Policies

Data Action Plan – Ongoing work

Actions

Data Catalogue

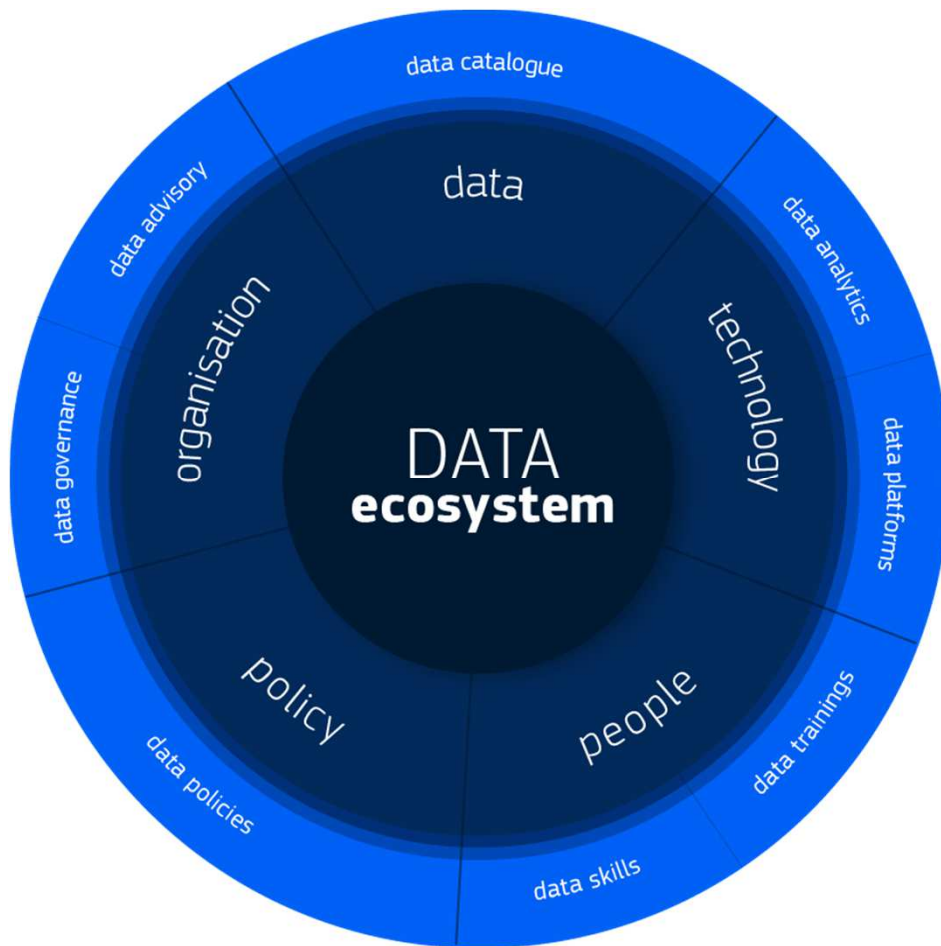Data Analytics

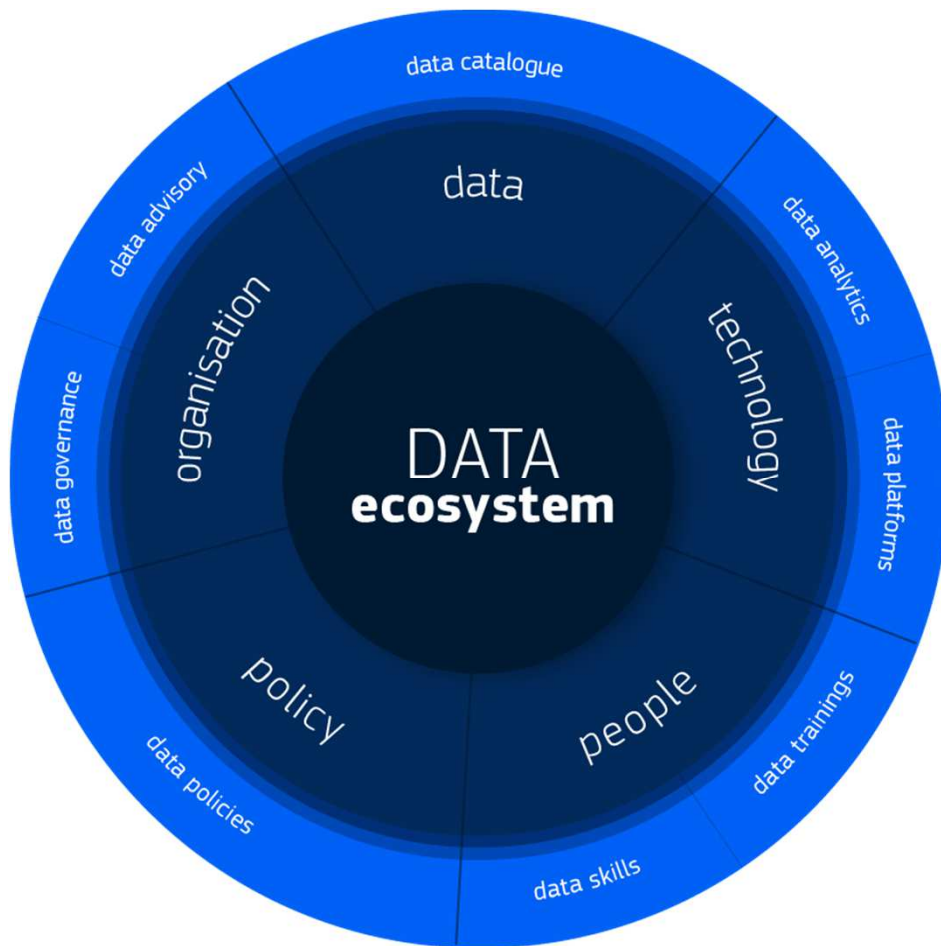**Data Platforms**

Data Governance

Data Advisory

Data Skills
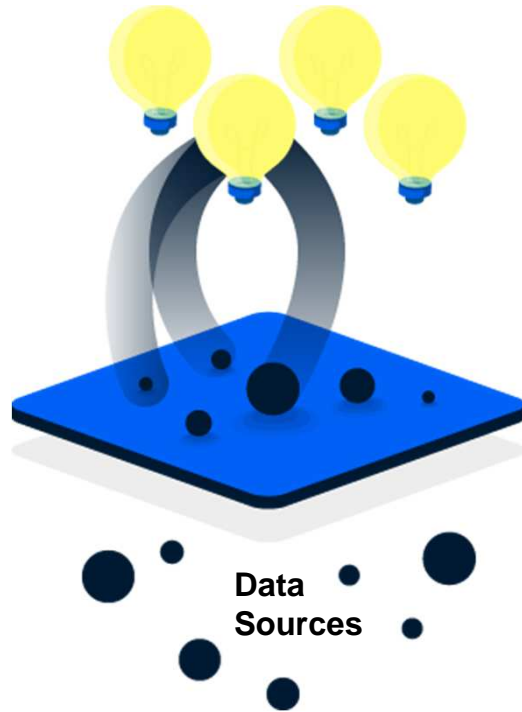
Data Trainings

Data Policies

EC Data Platform
July 2019

Big Data Test Infrastructure

Analytics & AI@EC conference 2019
Link to the media of the day

What is the EC Data Platform?

Data
Sources

The **EC Data Platform** is a **set of services** aiming at unlocking the full potential of data: from providing an easy way to find and access data to enabling advanced analytics to extract insights.
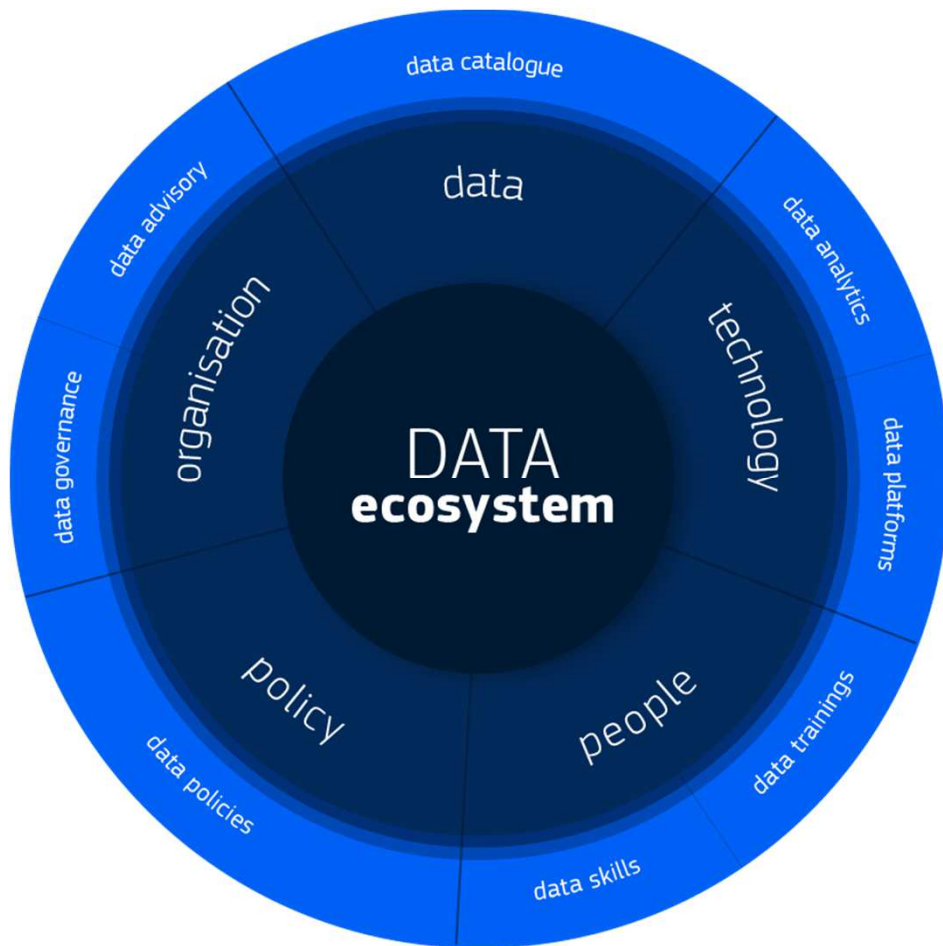
Roadmap 2019

JUL 2019 ———————————————— **DEC 2019** ——→

alpha/beta version targeting the Data Science Lab on Amazon EMR

new beta version with more functionalities (e.g. Data catalogue)

and alternative technologies (e.g. MS Azure).

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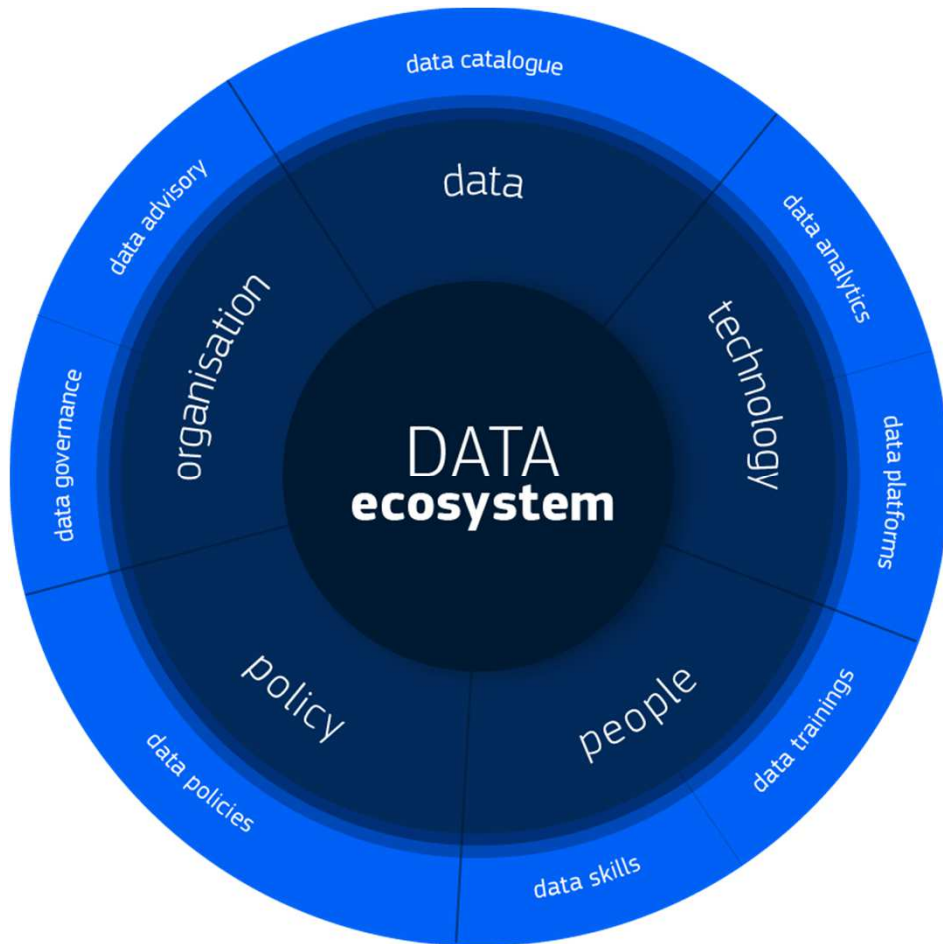
Data Action Plan – Results so far

Actions

- Data Catalogue
- Data Analytics
- Data Platforms
- Data Governance
- Data Advisory
- Data Skills
- **Data Trainings**
- Data Policies

Linked data intensive training

Data Action Plan – Results so far

Actions

Data Catalogue

Data Analytics

Data Platforms

Data Governance

Data Advisory

Data Skills

Data Trainings

Data Policies

Master Data Management

First lessons learned

Data Action Plan – First lessons learned

- **Governance** needs to be reinforced,
  - E.g. coordination mechanisms need to be agreed between the IMT and the IMSB
- **Communication** key attention points
  - The « community » of major players (DIGIT, CNECT, JRC, OP, HR, …) needs to be established and strenghtened
  - Further formal and informal communication is necessary, to increase the awareness about ongoing and planned work

Data Action Plan – First lessons learned

- ## Scope
  - Identification of interlinks between actions needs to be further analysed and made explicit.

- ## Planning
  - Several actions need to start, or are in early stages.
  - Resources capacity planning and roles definition require attention, as several services associated to actions do not yet have assigned representatives.

Thank you!

For any questions please contact us: DIGIT-DATA-SERVICES-INFO@ec.europa.eu

European Commission, DIGIT.D1