Workshop on Best Practices for Data Management & Sharing

Part 1: Presentation on data management and sharing practices

Alessandro Annoni
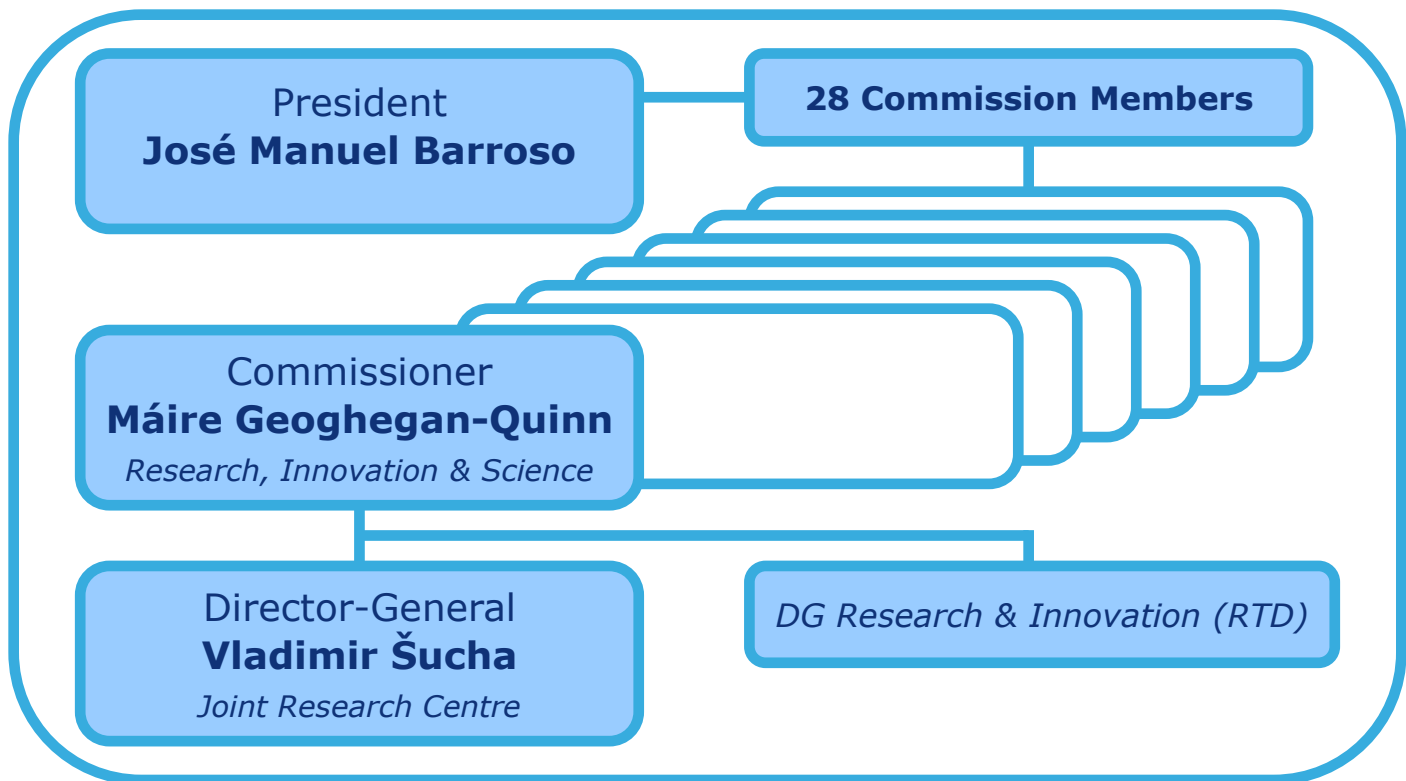
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Serving society
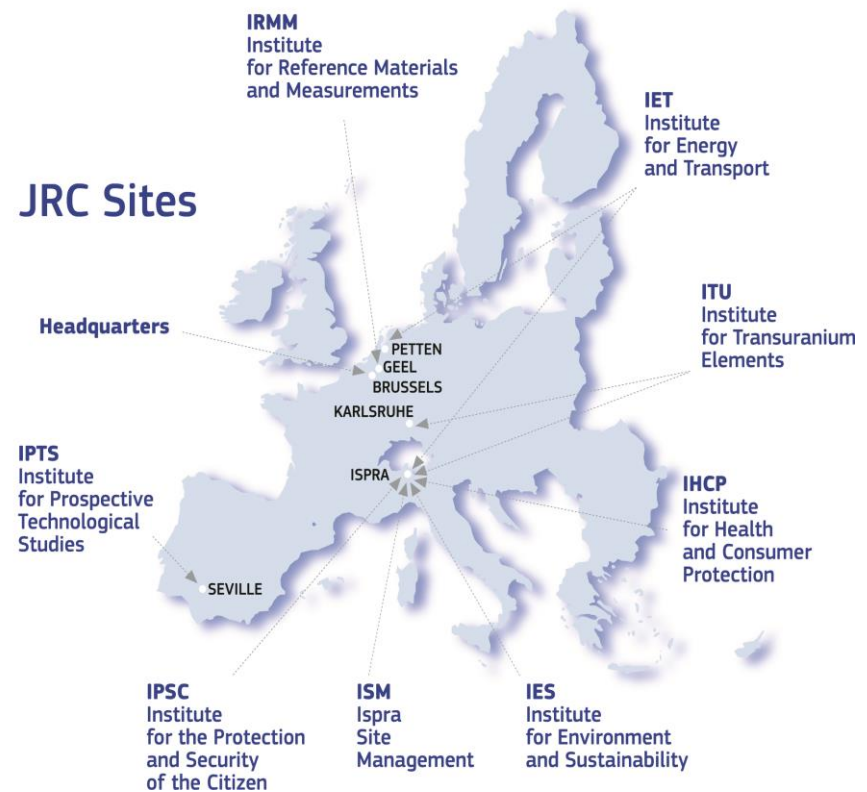*Stimulating innovation*
Supporting legislation

European Commission

Joint Research Centre

The JRC inside the European Commission

President
José Manuel Barroso

28 Commission Members

Commissioner
Máire Geoghegan-Quinn
Research, Innovation & Science

Director-General
Vladimir Šucha
Joint Research Centre

DG Research & Innovation (RTD)

Overview

- Established 1957

- Only Commission Directorate General carrying out direct research

- 7 institutes in 5 countries

- 3,068 staff (35% short-term)

- 622 peer-reviewed scientific publications in 2013

- Budget 2013: €393.29 million, plus €73.9 million earned income

JRC Sites

IRMM Institute for Reference Materials and Measurements

IET Institute for Energy and Transport

ITU Institute for Transuranium Elements

Headquarters

PETTEN
GEEL
BRUSSELS
KARLSRUHE
ISPRA
SEVILLE

IPTS Institute for Prospective Technological Studies

IHCP Institute for Health and Consumer Protection

IPSC Institute for the Protection and Security of the Citizen

ISM Ispra Site Management

IES Institute for Environment and Sustainability

Joint Research Centre

The Joint Research Centre (JRC)
the Commission's in-house science service

➢ **Provides EU policies with independent, evidence-based scientific and technical support throughout the whole policy cycle.**

➢ **Works in support of other Commission services, EU Institutions, and Member States, in close cooperation with industry, universities, and research organisations in the EU and worldwide.**

➢ **Is independent of industrial and national interests, has access to confidential information, and provides on-tap fast and flexible response.**
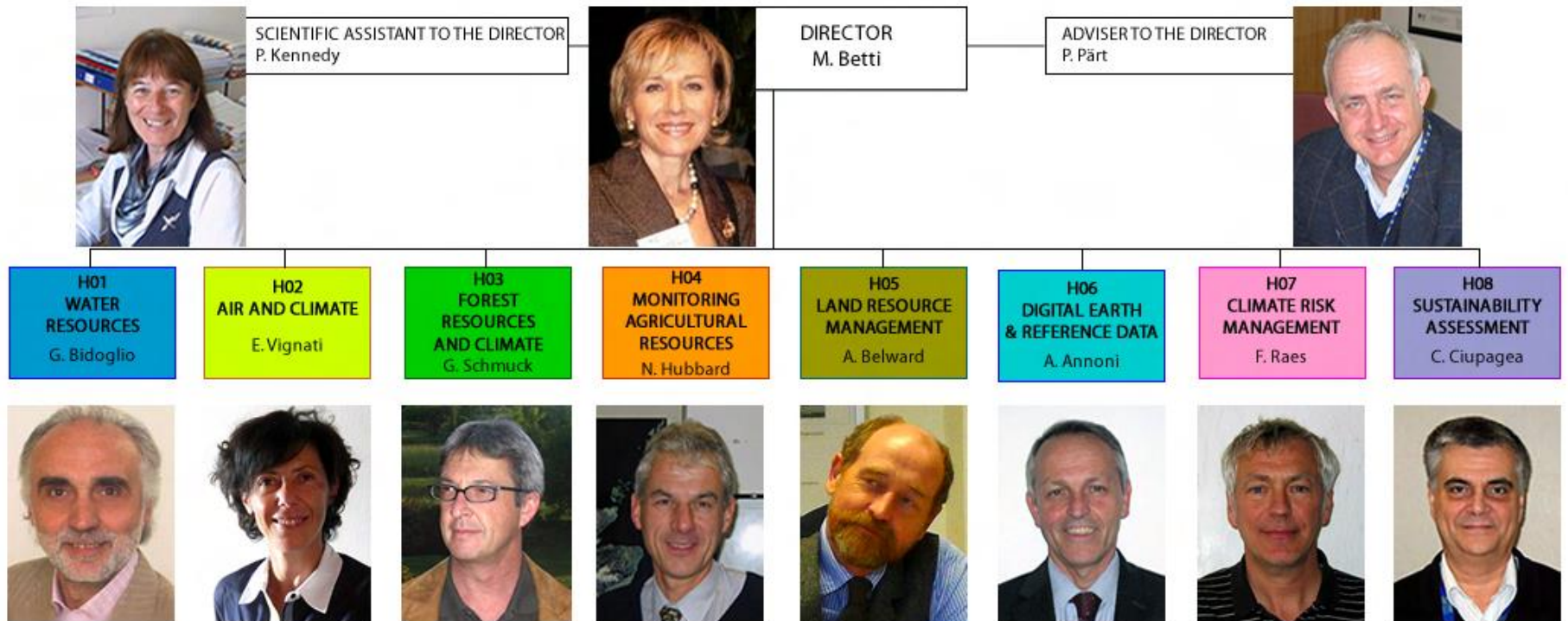
Joint
Research
Centre

Environment and Sustainability

To provide scientific and technical support to EU policies for the protection of the environment and the more efficient and sustainable management of natural resources at global and continental scales

IES Organisational Chart

Schematic Diagram of the IES (Directorate H)

Background for Workshop

OPEN DATA

- Open Access put forward by the Commission Decision on the reuse of Commission documents

A data portal as a single point of access to documents available for reuse should be set up. In addition, it is appropriate to include in the documents available for reuse the research information produced by the Joint Research Centre. A provision should be adopted to take into account the move towards machine-readable formats. An important improvement with respect to

This Decision should not apply to documents for which the Commission is not in a position to allow reuse, e.g. in view of third party intellectual property rights or where the documents have been received from the other Institutions,
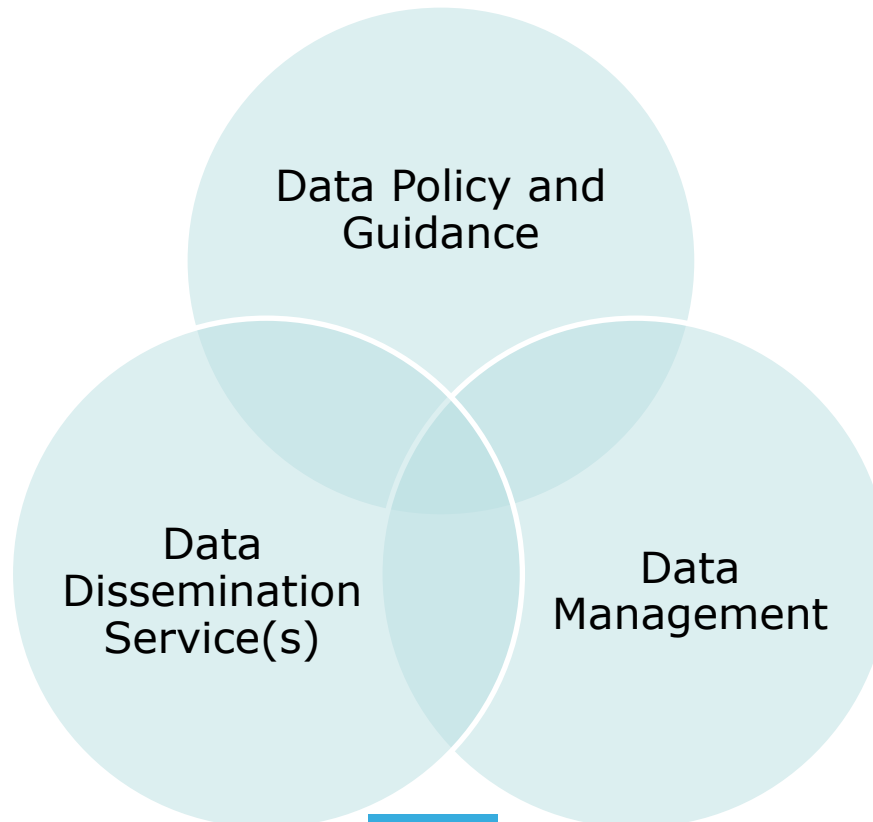
- Overall trend for public move to open data (INSPIRE, G8, ..)
- Open Access to scientific data promoted by Horizon 2020 and by other relevant initiatives (e.g. Research Data Alliance)

JRC strategy for online dissemination of JRC scientific results (publications) already defined and implementation started in 2014

Joint Research Centre

Open Data Project

OPEN DATA

Scope: Ensure that JRC data are made available wherever possible

Data Policy and Guidance

Data Dissemination Service(s)

Data Management

Challenges

- Currently, data created and acquired from JRC, are available under different licences
- Not clear, even to the data managers, what the implications are for specific licences, e.g., whether reuse of data is subject to attribution?
  - licence unclear when data are based on combination of several sources
- Existing policies often based on custom practices
  - A preliminary assessment showed that only 33 datasets from JRC IES were without any restrictions (Open Access)
- No consistent way to identify, document, and preserve data
- Different means to publish and make data accessible
- No single entry point for discovery, view, and access to JRC research data

Agenda

Monday 14th April

09:00 – 12:30   **Part 1 – Data Management and Sharing Practices** (open session)

12:30 - 14:00   **Lunch**

14:00 – 15:00   **Part 1 – Data Management and Sharing Practices** (cont.)

15:30 – 17:45   **Part 2 – JRC data policy** (closed session)

Tuesday 15th April

09:15 – 12:00   **Part 2 – JRC data policy** (cont.)

Agenda – Part 1

09:00 – 09:15	**Arrival and coffee**
09:15 – 09:30	**Welcome and Introduction**
09:30 – 10:00	**RECODE - Enabling Open Access to Research Data in Europe** – Rachel Finn and Rod Smallwood
10:00 – 10:30	**EUDAT: Data sharing and management in a collaborative data infrastructure –** Rob Baxter
10:30 – 11.00	*Coffee break*
11:00 - 11:30	**Data is the New Oil –** Keith Jeffery
11:30 – 12:00	**Open Access & Data Management: the INFN Experience** – Marcello Maggi
12:30 - 14:00	*Lunch*
14:00 - 14.30	**Exascale, Sustainable Long-Term Data Preservation –** Jamie Shiers
14:30 – 15:00	**PANGAEA – Research Data enters Scholarly Communication –** Michael Diepebroek

Thank you for your attention!

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