The European Commission's science and knowledge service

Joint Research Centre

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Knowledge development in the JRC: Member States' views on the JRC's possible activities for the Steering Group

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C(2016) 6626 Data, Information & Knowledge Management at the European Commission

Four priority areas for action:

• Improving information retrieval and delivery

• Working together and sharing information and knowledge

• Maximising use of data for better policy-making

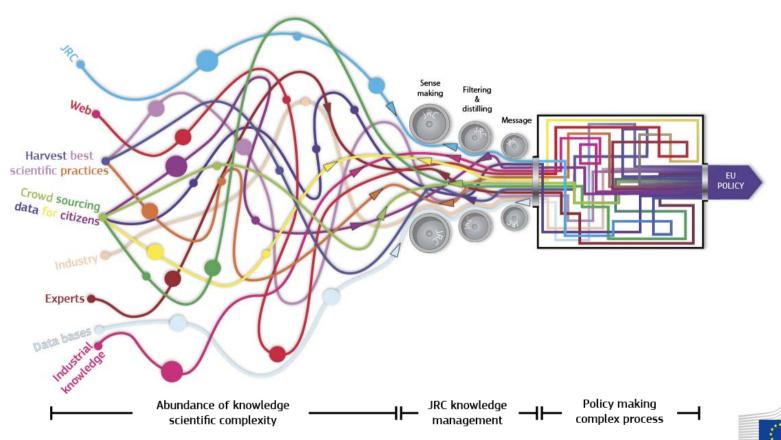• Creating a culture of knowledge sharing and learning

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JRC strategy 2030

Translates into (at least) three work strands:

- Consolidate a "KM layer" to mobilise scientific competences from different Directorates around the Commission's policy goals

- Champion new collaboration practices and platforms across the JRC/EC and develop a KM professionalisation programme;

- Transform JRC from a traditional research-producing organisation into a manager of knowledge for EU policy-making.
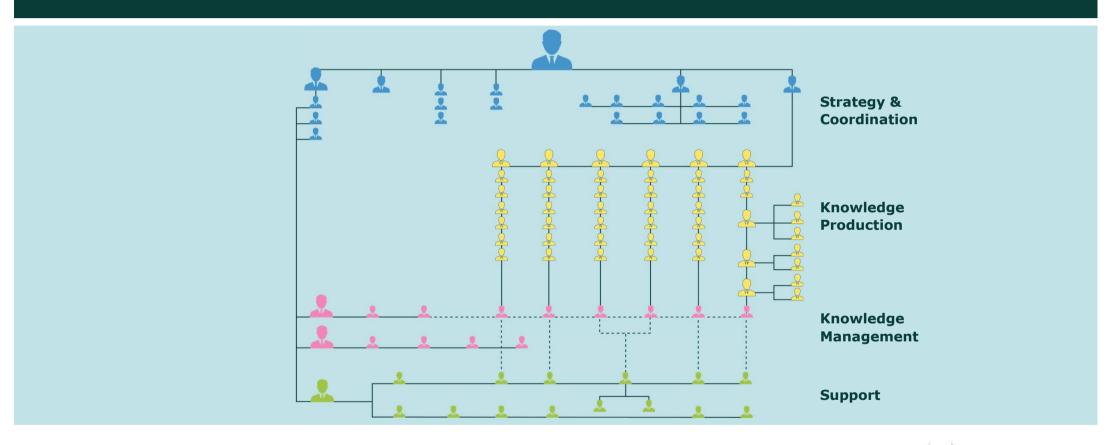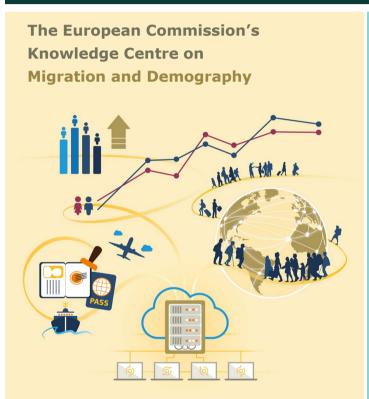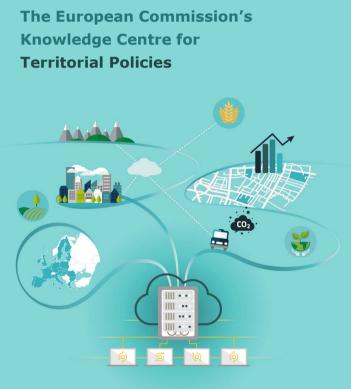
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Dealing with the information overload

The JRC structure

Strategy & Coordination

Knowledge Production

Knowledge Management

Support

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Knowledge Centres

The European Commission's Knowledge Centre on **Migration and Demography**

The European Commission's Knowledge Centre for **Territorial Policies**

The European Commission's Knowledge Centre for **Disaster Risk Management**

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Competence Centres

The European Commission's Competence Centre on Composite Indicators and Scoreboards

The European Commission's Competence Centre on Microeconomic Evaluation

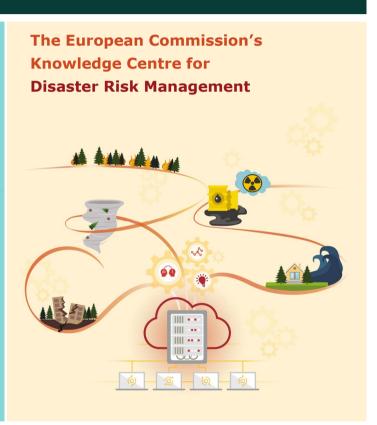**The European Commission's Competence Centre on Text Mining and Analysis**

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Health-related activities in the JRC (1)

European Cancer Information System (ECIS)

- Transferred and now hosting the **European Network of Cancer Registries (ENCR)** – ~160 registries

- Developed **new ENCR website**

- Started republishing **ENCR newsflashes** and **cancer fact sheets**

- Developed **quality check software** to harmonise and validate cancer registry data

- Developing **statistical**, **data visualisation**, and **reporting tools** for **illustration** and **epidemiological comparison** of **cancer burden** across Europe

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Health-related activities in the JRC (2)

The European Commission Initiative on Breast Cancer (ECIBC)

- Detailed Europe-wide **surveys of breast cancer services**

- Set up **working groups** on **Breast screening guidelines** and **Quality Assurance**

- Launched the **ECIBC web hub** to empower citizens and inform professionals and policy makers

- Published the first **10 guidelines** for breast cancer screening and diagnosis - for **citizens**, **professionals**, and **policy makers**

- Provided training on **CERqual** and **GRADE methodologies**

- **The European Commission Initiative on Colorectal Cancer (ECICC)** – on the model of ECIBC

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Health-related activities in the JRC (3)

EU Platform on Rare Diseases Registration

- Migrated **two European Rare Diseases (RD) surveillance networks** (**EUROCAT** and **SCPE**).

- Running the **JRC-EUROCAT** and **JRC-SCPE Central Registries**

- Annual **statistical monitoring of congenital anomalies in Europe**

- Workshops on **European interoperability standards** and **tools for RD data collection**

- **Set of Common Data Elements** for RD registration

- Building an interoperability bridge between the EU Platform and the IT platform for **the European Reference Networks (ERNs)**

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Health-related activities in the JRC (4)

Prevention of non-communicable diseases

- Supporting **EC and MS policies on nutrition, alcohol, and physical activity** (school food policies, food public procurement, monitoring food reformulation, marketing to children and adolescents)

- Supporting **EU food-related legislation** (TFA, baby foods and front-of-pack labelling)

- Upcoming **Health Promotion and Prevention Knowledge Gateway** – on-line resource for independent, reliable, and up-to date information

Health-related activities in the JRC (5)

Assessment of chemicals and nanomaterials

- Safety assessment of chemicals and nanomaterials
- Nanomaterials and chemicals in food and consumer products
- Nanomedicine
- Quality assurance tools

Food and Feed Compliance

- Supporting EU legislation on official food control
- Developing methods for detection in food and consumer products
- Validating fit-for-the-purpose analytical methods

Health-related activities in the JRC (6)

European Reference Laboratories (EU-RLs)

- Food contact materials

- Genetically modified organisms (GMOs)

- Heavy metals in feed and food

- Mycotoxins

- Polycyclic aromatic hydrocarbons and process contaminants

Production of reference materials

- Biomarkers for health monitoring

Medical Devices

- Ensuring that the sector can enhance better access for patients to devices whilst simultaneously ensuring that pricing and reimbursement policies are effective

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Way forward

Investigate the possibility of DG JRC support to DG SANTE

in coordinating Knowledge Management-based efforts in

managing 'best practices' at the EU level

Thank you!

Any questions?

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