The European Commission’s science and knowledge service

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

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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
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.
Dealing with the information overload
The JRC structure
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
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
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
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
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)**
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** – online resource for independent, reliable, and up-to-date information
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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