Knowledge Management in Action

1. Mapping of migrant communities in cities
Integration of migrants is a major challenge for many city authorities in recent years. The JRC produces high resolution maps of migrant communities in cities, based on national census data. The maps provide an indication of how population by nationality or country of birth is distributed, and allow for analyses of the different models of spatial distribution in the urban landscape adopted by cities and migrant communities.

2. A new knowledge source for Europe’s Cities
To support the Urban Agenda for the EU, the Commission presented in 2016 a State of European Cities Report, with the objective to promote more evidence-based urban policy making in Europe. The Urban Data Platform, set up by the JRC, collected the data behind the report. It now provides a single access point to common indicators on the status and trends in over 800 European urban areas, for example on demography, economic development or access to services.

3. Assessing public exposure to natural radioactivity
The Euratom Community has established a set of basic safety standards to protect workers, members of the public, and patients against the dangers arising from ionising radiation. The JRC has developed the European Atlas of Natural Radiation, contributing to estimate the annual dose that the public may receive from natural radioactivity.

4. A Social Scoreboard for the European Pillar of Social rights
Building a fairer Europe and strengthening its social dimension is a key priority for the European Commission. The JRC has developed a ‘Social Scoreboard’, which will monitor the implementation of the European Pillar of Social rights by tracking trends and performances across EU countries in 12 areas and will feed into the European Semester of economic policy coordination. The scoreboard will also serve to assess progress towards a social ‘triple A’ for the EU as a whole.

5. Enabling the Energy Union
The European Commission has committed to present annual State of the Energy Union reports that show progress made to bring about the transition to a low-carbon, secure and competitive economy. SETIS is a key contributor to these reports, with an assessment of the evolution of the innovation ecosystem in the field of energy at national and EU level.

6. Assessing the human presence on the planet
Powered by the JRC Earth Observation Data and Processing Platform, the Global Human Settlement Layer (GHSL) is producing global spatial information about the human presence on the planet. The GHSL was used to produce the Atlas of the Human Planet 2017 – Global Exposure to Natural Hazards summarising exposure of human settlements to six major natural hazards (earthquakes, volcanoes, tsunamis, floods, tropical cyclone winds, and sea level surge).

7. Science for the AU-EU Partnership – Building knowledge for sustainable development
This flagship report summarises three decades of collaborative work between the JRC and many organisations and institutions across Africa, focusing on the Africa dimension of the partnership and exploring the opportunities and the challenges for the continent.

8. What makes a fair Society? Insights and evidence
This flagship report is a first step in building a knowledge base to support policies aimed at building a Society that people feel is fair. It examines income inequality trends, assesses the influence of family background and geographical location on labour market outcomes, education and health, tackles the issue of perceptions drawing on behavioural sciences.

CONTACT INFORMATION: Directorate H - Knowledge Management, JRC-DIR-H-SEC@ec.europa.eu
The full report is available at http://europa.eu/144874
The JRC Knowledge Management Network

Managing Competences

Knowledge Centres are virtual communities built around policy problems.

Managing Knowledge

JRC publishes Repository. JRC adopts an Open Access Policy for its scientific publications.

Hosting, organising and sharing data

The JRC is committed to share its research data with:

EU Policy Lab

It is a corporate collaboration tool in the European Commission.

Methodology and capacity building

The JRC is building strong networks with strategic partners in knowledge management for policy. This is accompanied by new training, projects and processes.

Collaborative working

A multi-community collaborative web platform designed to allow Commission knowledge services to:

- effectively publish and manage (scientific) knowledge for policymaking,
- engage stakeholders in creating, curating, managing and using that knowledge,
- animate discussions and interactions,
- create stakeholder communities.

Managing Knowledge

23 partner DG and Services involved: HOME, MOVE, ENER, ENV, 5G, R&D, AGRI, GROW, MARE, CLIMA, REGIO, DEVCO, TRADE, EAC, EMPL, ECHO, ESTAT, EPP, EEAS, EFPIA, JUST, NEAR, COMH

Key Partnerships with more than 60 Countries and various international organisations such as OECD, UNHCR, UNESCO, World Bank, International Institute for Applied Systems Analysis (IIASA), International Organisation for Migration (IOM)

Connected European Semester project

It strongly enhanced collaborative working for the European Semester country teams in preparing their Country reports

Knowledge 4 Policy Web Platform

A multi-community collaborative with platform designed to allow Commission knowledge services to:

EC DGs

DIRECTORATE I: it manages JRC know-how in different domains, it sets up and operates Competence Centres

COMPETENCES

KNOWLEDGE MANAGEMENT

KNOWLEDGE PRODUCTION

COMPLEX PROCESS

EXPERIENCE

Tailored

SCIENTISTS

DIRECTORATE H: it coordinates related activities across the JRC, it develops common tools, best practices and platforms, together with the Knowledge Management Units in the Thematic Directories

DIRECTORATE G: it it manages JRC know-how, it develops common tools, best practices and platforms, together with the Knowledge Management Units in the Thematic Directories

JRC KNOWLEDGE MANAGEMENT

KNOWLEDGE CENTRES

COMPETENCES

KNOWLEDGE MANAGEMENT

KNOWLEDGE PRODUCTION

Directorates-General to decide on the choice of tools

CC offer training courses in the use of the tools for policy-making

JRC KNOWLEDGE MANAGEMENT

POLICY MAKING COMPLEX PROCESS

Abundance of knowledge

Scientific complexity

Flagship reports:
The Cultural and Creative Industries Monitor
Science for the EU-AU Partnership – Building knowledge for sustainable development
What makes a fair Society? Insights and evidence

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