

# The European Commission's science and knowledge service

Joint Research Centre



# Supporting policies through open knowledge & open innovation

**Philippe Duponteil, Director, JRC, European Commission**

Laurea University, 21 october 2019

# European Commission's JRC's Mission

**“ As the science and knowledge service  
of the European Commission, our mission is to support  
EU policies with independent evidence  
throughout the whole policy cycle ”**



# European Commission JRC Role: facts & figures

€ **386** million Budget annually,  
plus € **62** million earned income

**6** locations in 5 Member States: Italy, Belgium,  
Germany, The Netherlands, Spain

**Independent** of private,  
commercial or national interests



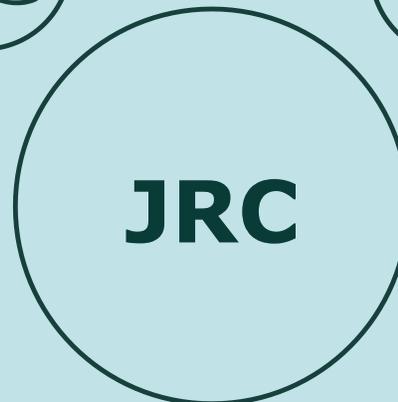
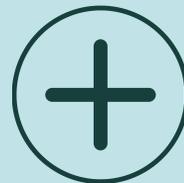
**Policy neutral:**  
has no policy agenda of its own

**42** large scale research facilities,  
more than **140** online databases

**30%** of activities in policy preparation,  
**70%** in implementation

**125** instances of support  
to the EU policy-maker annually

More than **100** economic,  
bio-physical and nuclear models



**83%** of core research staff  
with PhD,  
c3000 total staff



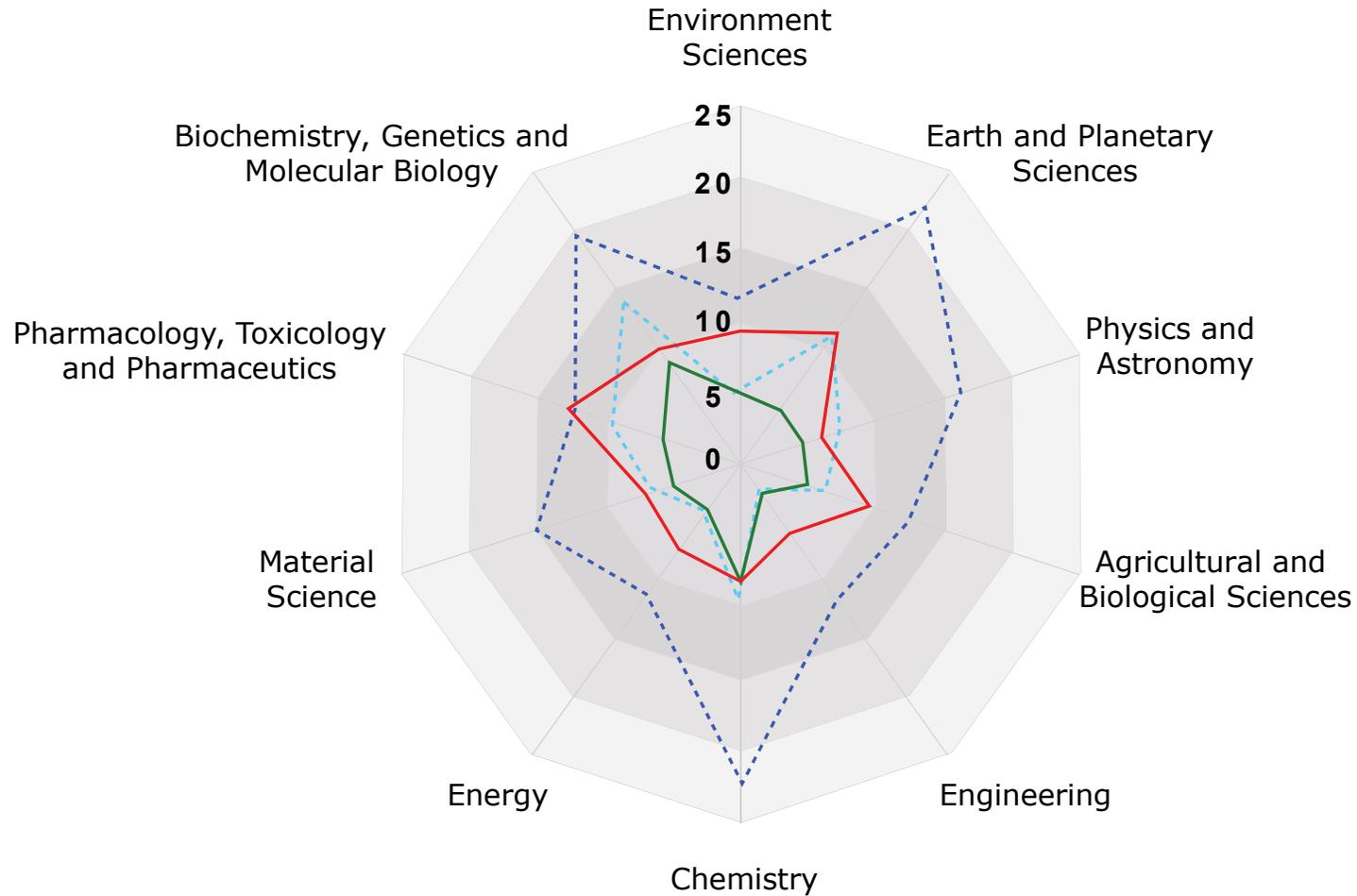
**Over 1,400**  
scientific publications per year

# JRC Scientific Excellence



- 1400 publications per year, open access
- 40-50% of JRC publications belong to the top 25% most cited publications
- Up to 23% belong to the top 10% most cited publications
- Up to 3% belong to the top 1% most cited publications

# JRC Scientific Excellence



- JRC**
- World average**
- Top 15 institutions by N of citations (lowest value)**
- TOP 15 institutions by N of citations (highest value)**

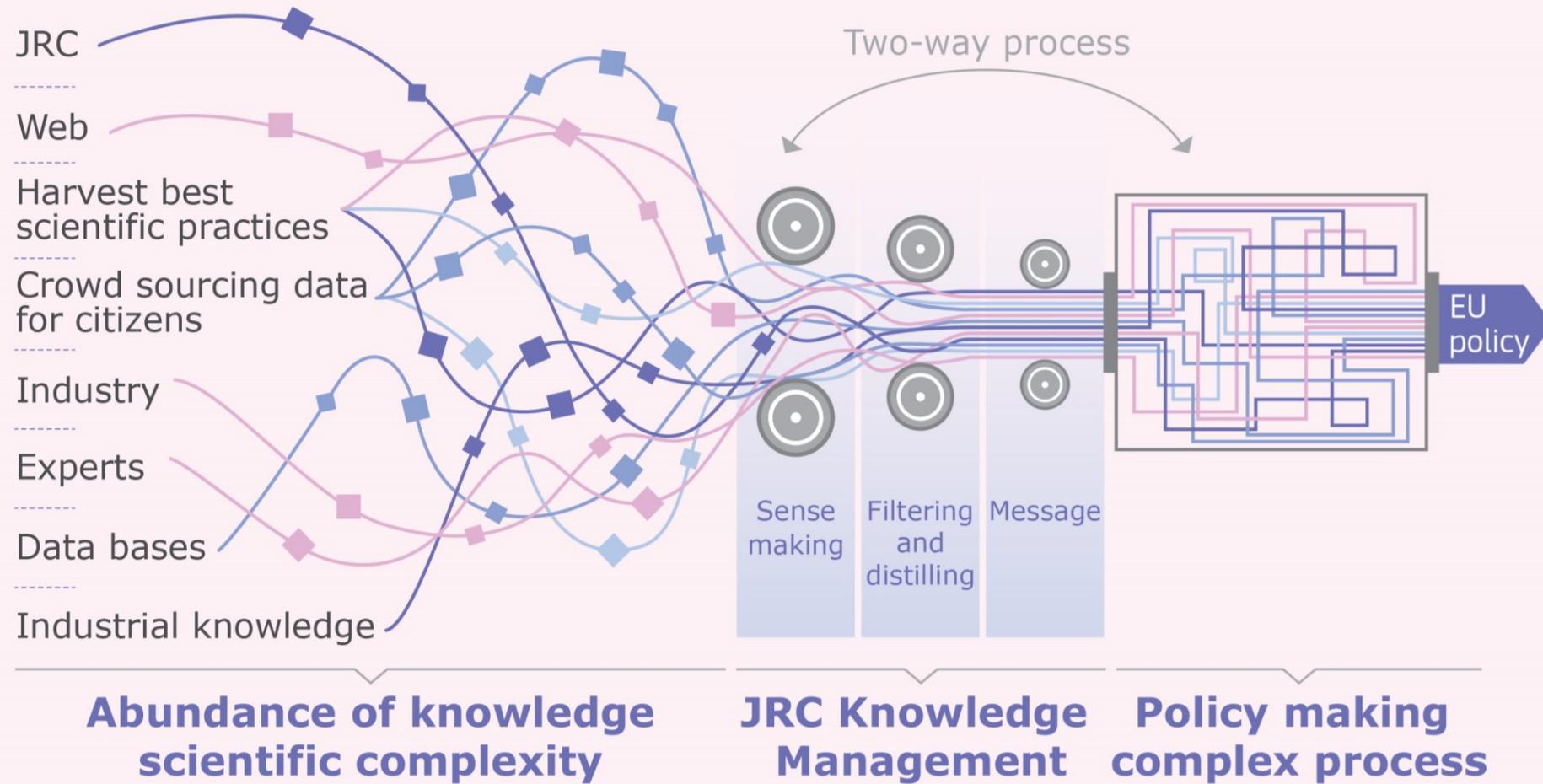
# Complexity: the meta-problem of our age



# Super-abundance of knowledge



# Dealing with the information overload



# Open Knowledge at JRC

Centre for  
Advanced  
Studies

Scientific  
Networks

JRC Living  
Labs

Open Access to  
Research  
Infrastructures

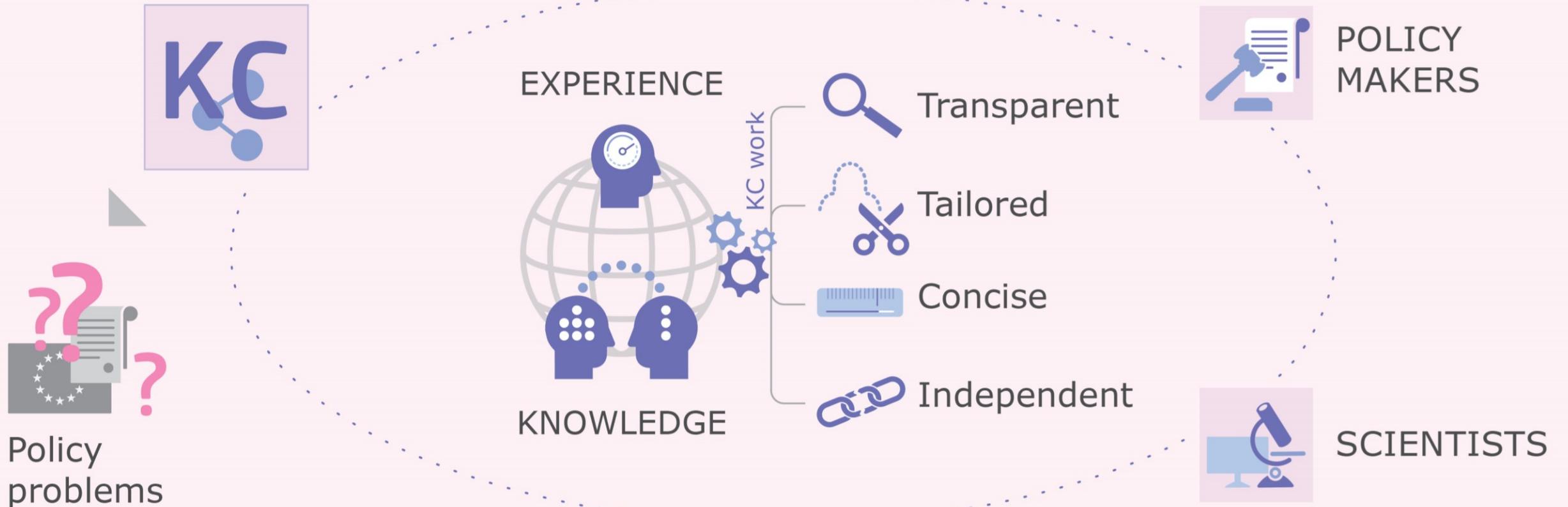
JRC  
Knowledge  
and  
Competence  
Centres

Citizen  
science

JRC Academy

Knowledge for  
Policy platform

# Open Knowledge - Knowledge Centres



# Knowledge Centres

**Disaster Risk Management Knowledge Centre**



**Knowledge Centre on Migration and Demography**



**Knowledge Centre for Territorial Policies**



**Knowledge Centre on Bioeconomy**



**Knowledge Centre for Food Fraud and Quality**



# Competence Centres

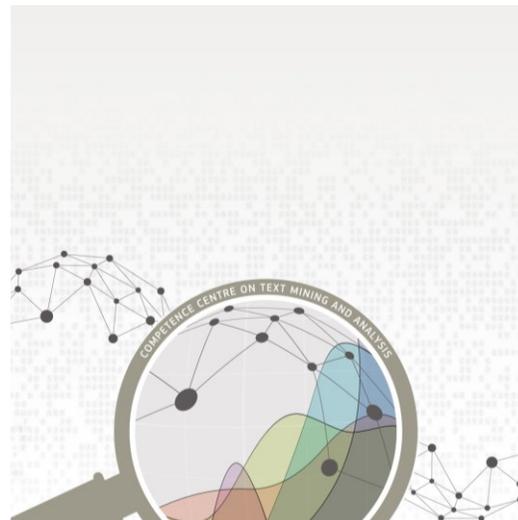
**Competence  
Centre on  
Composite  
Indicators and  
Scoreboards**



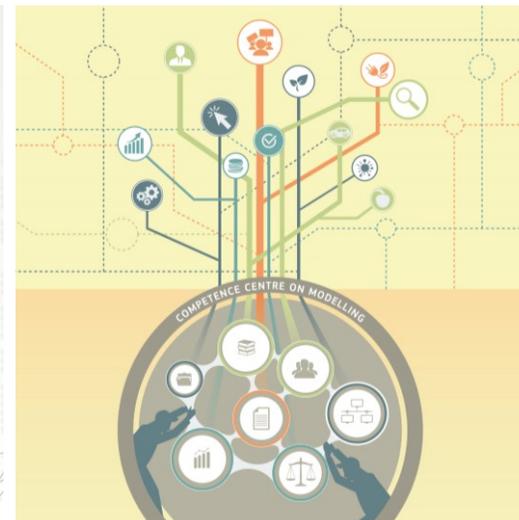
**Competence  
Centre on  
Microeconomic  
Evaluation**



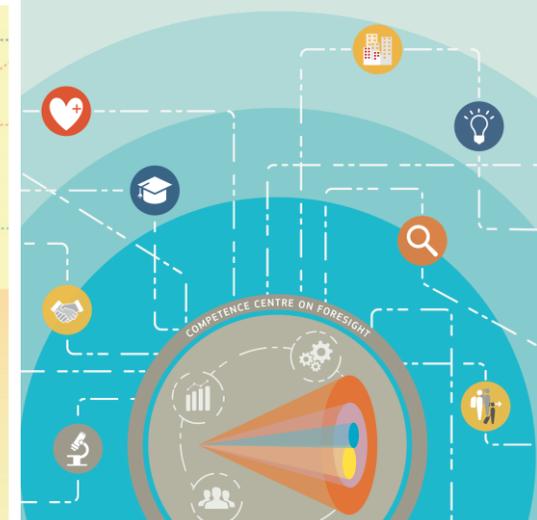
**Competence  
Centre on  
Text Mining  
and Analysis**



**Competence  
Centre on  
Modelling**



**Competence  
Centre on  
Foresight**

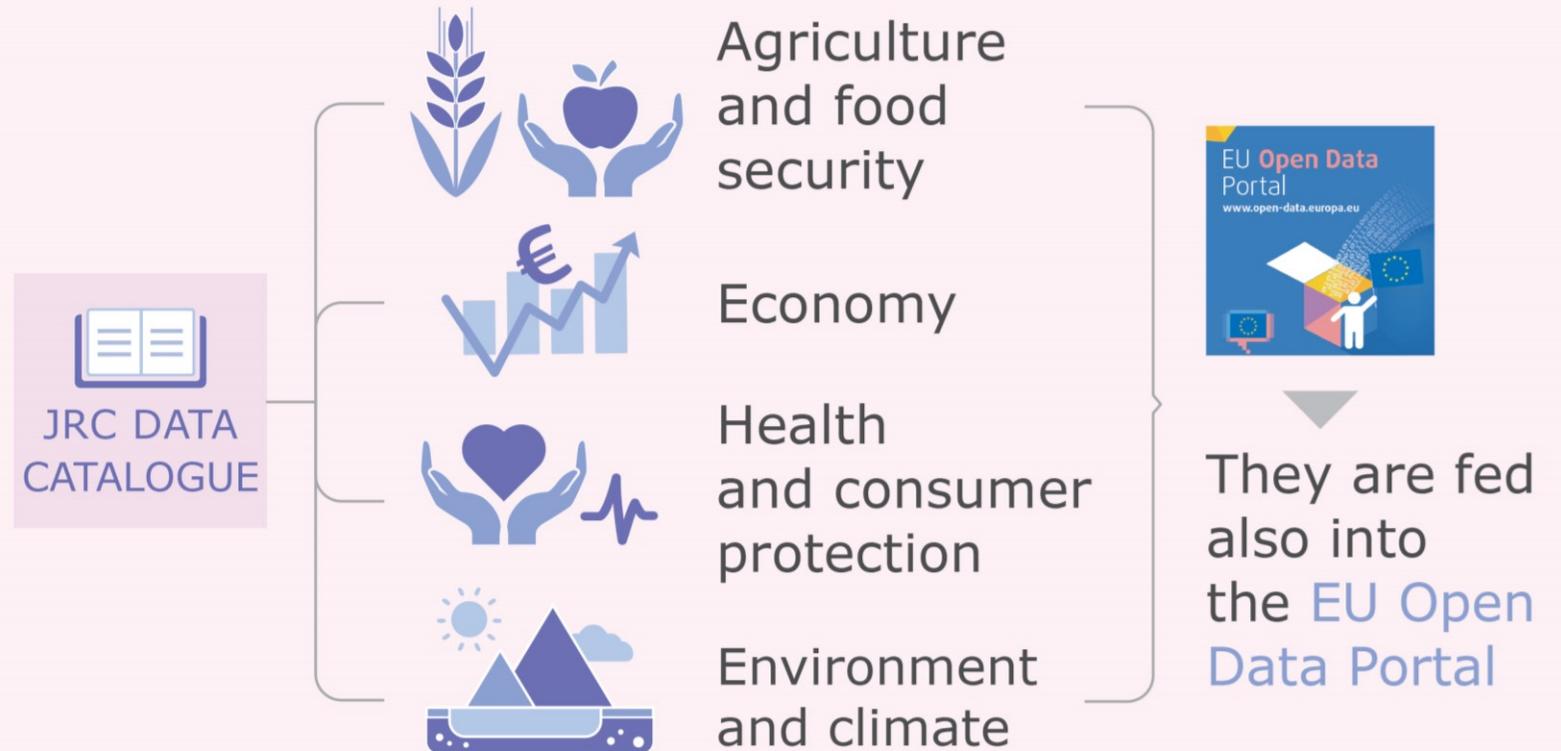


# Data for Policy

JRC Publications Repository:  
JRC adopts an Open Access  
Policy for its scientific  
publications



The JRC Data Catalogue gives access to data  
in various sectors:



# Knowledge 4 Policy Web Platform

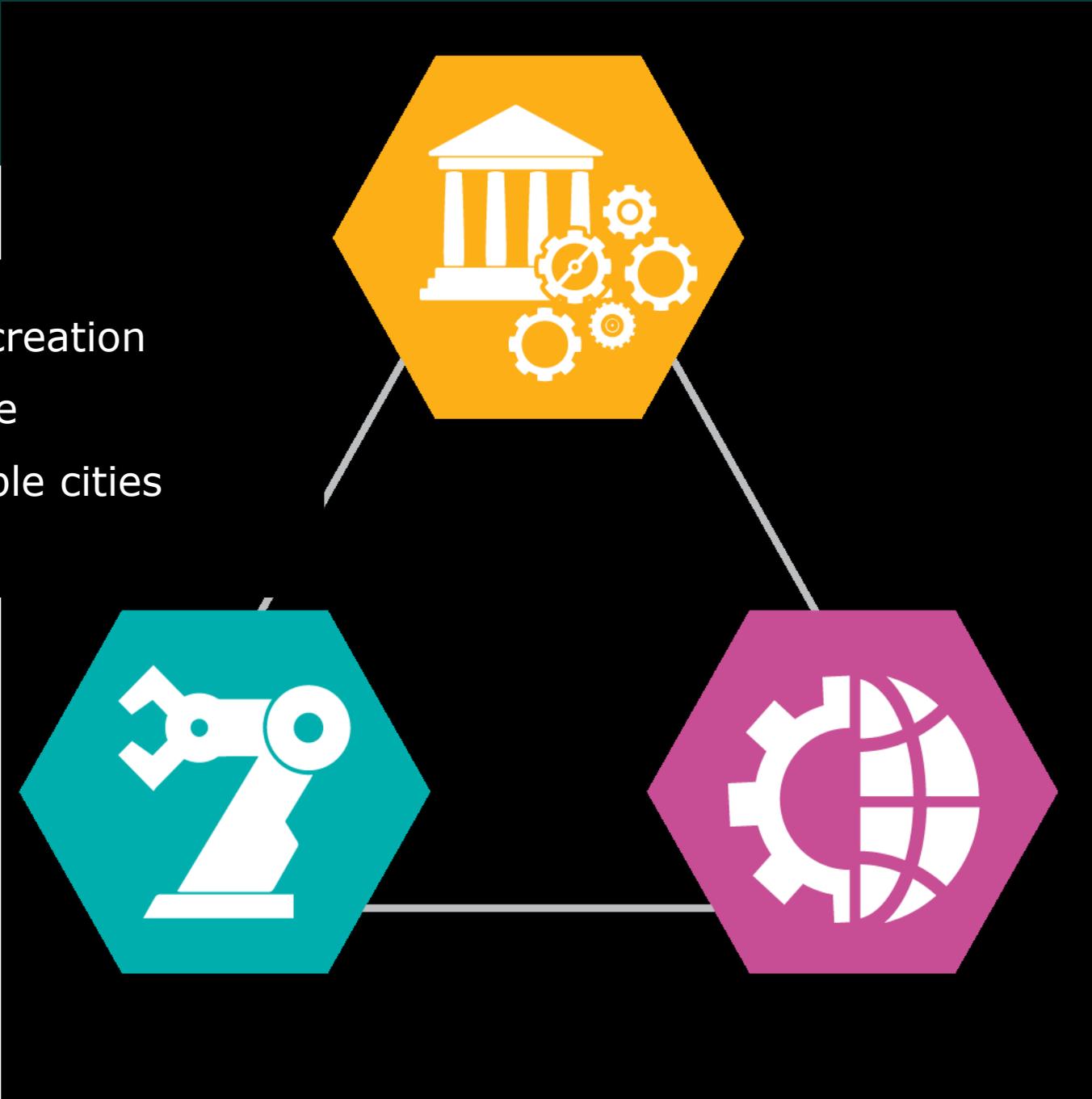
A multi-community collaborative web platform designed to allow Commission knowledge services to:

- 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

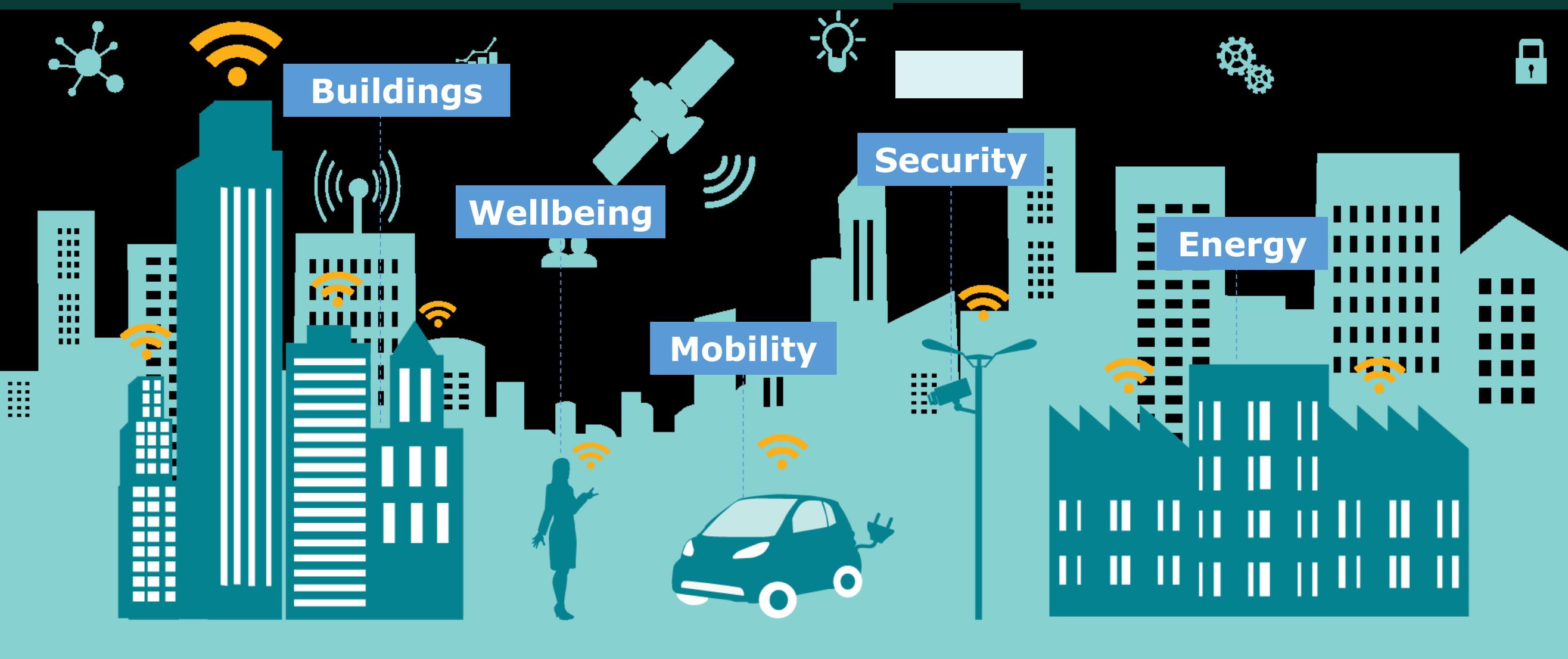
<https://ec.europa.eu/knowledge4policy/>

# Living Labs at JRC

- Evolving policy context of evidence and co-creation
- Providing better evidence for policy & uptake
- Facilitating transition to smart and sustainable cities
- JRC site modernisation



# Living Labs at JRC: a showcase for smart & sustainable cities



# Stay in touch!



[ec.europa.eu/jrc](https://ec.europa.eu/jrc)



@EU\_ScienceHub



EU Science Hub - Joint Research Centre



Joint Research Centre



EU Science Hub



# Thanks

Any questions?

Visit the European Commission website +

You can find me at: [philippe.duponteil@ec.europa.eu](mailto:philippe.duponteil@ec.europa.eu)