

The Joint Research Centre (JRC) of the European Commission

JRC info-session in Croatia

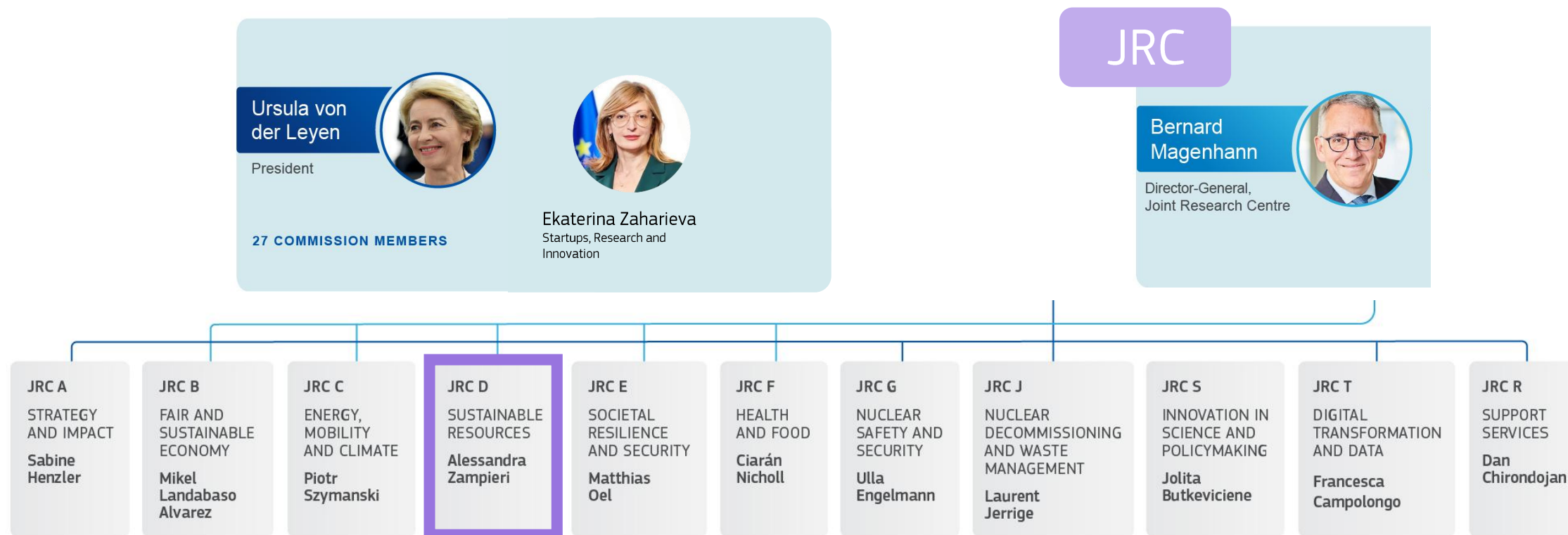
Matteo Fornara
Zagreb, 21 October 2025



The European Commission's political leadership

 Ursula von der Leyen President	 Teresa Ribera Rodríguez Executive Vice-President <i>Clean, Just and Competitive Transition</i>	 Henna Virkkunen Executive Vice-President <i>Tech Sovereignty, Security and Democracy</i>	 Stéphane Séjourné Executive Vice-President <i>Prosperity and Industrial Strategy</i>	 Kaja Kallas High Representative/ Vice-President <i>Foreign Affairs and Security Policy</i>	 Roxana Minzatu Executive Vice-President <i>People, Skills and Preparedness</i>
 Raffaele Fitto Executive Vice-President <i>Cohesion and Reforms</i>	 Maroš Šefčovic Vice-President <i>Trade and Economic Security / Interinstitutional Relations and Transparency</i>	 Valdis Dombrovskis Commissioner <i>Economy and Productivity Implementation and Simplification</i>	 Dubravka Šuica Commissioner <i>Mediterranean</i>	 Olivér Várhelyi Commissioner <i>Health and Animal Welfare</i>	 Wopke Hoekstra Commissioner <i>Climate, Net Zero and Clean Growth</i>
 Andrius Kubilius Commissioner <i>Defence and Space</i>	 Marta Kos Commissioner <i>Enlargement</i>	 Jozef Sikela Commissioner <i>International Partnerships</i>	 Costas Kadis Commissioner <i>Fisheries and Oceans</i>	 Maria Luís Albuquerque Commissioner <i>Financial Services and the Savings and Investments Union</i>	 Hadja Lahbib Commissioner <i>Preparedness and Crisis Management Equality</i>
 Magnus Brunner Commissioner <i>Internal Affairs and Migration</i>	 Jessika Roswall Commissioner <i>Environment, Water Resilience and a Competitive Circular Economy</i>	 Piotr Serafin Commissioner <i>Budget, Anti-Fraud and Public Administration</i>	 Dan Jørgensen Commissioner <i>Energy and Housing</i>	 Ekaterina Zaharieva Commissioner <i>Startups, Research and Innovation</i>	 Michael McGrath Commissioner <i>Democracy, Justice and the Rule of Law</i>
 Apostolos Tzitzikostas Commissioner <i>Sustainable Transport and Tourism</i>	 Christophe Hansen Commissioner <i>Agriculture and Food</i>	 Glenn Micallef Commissioner <i>Intergenerational Fairness, Youth, Culture and Sport</i>			

Our place in the Commission



Science for policy



ANTICIPATE



INTEGRATE



IMPACT

Our purpose

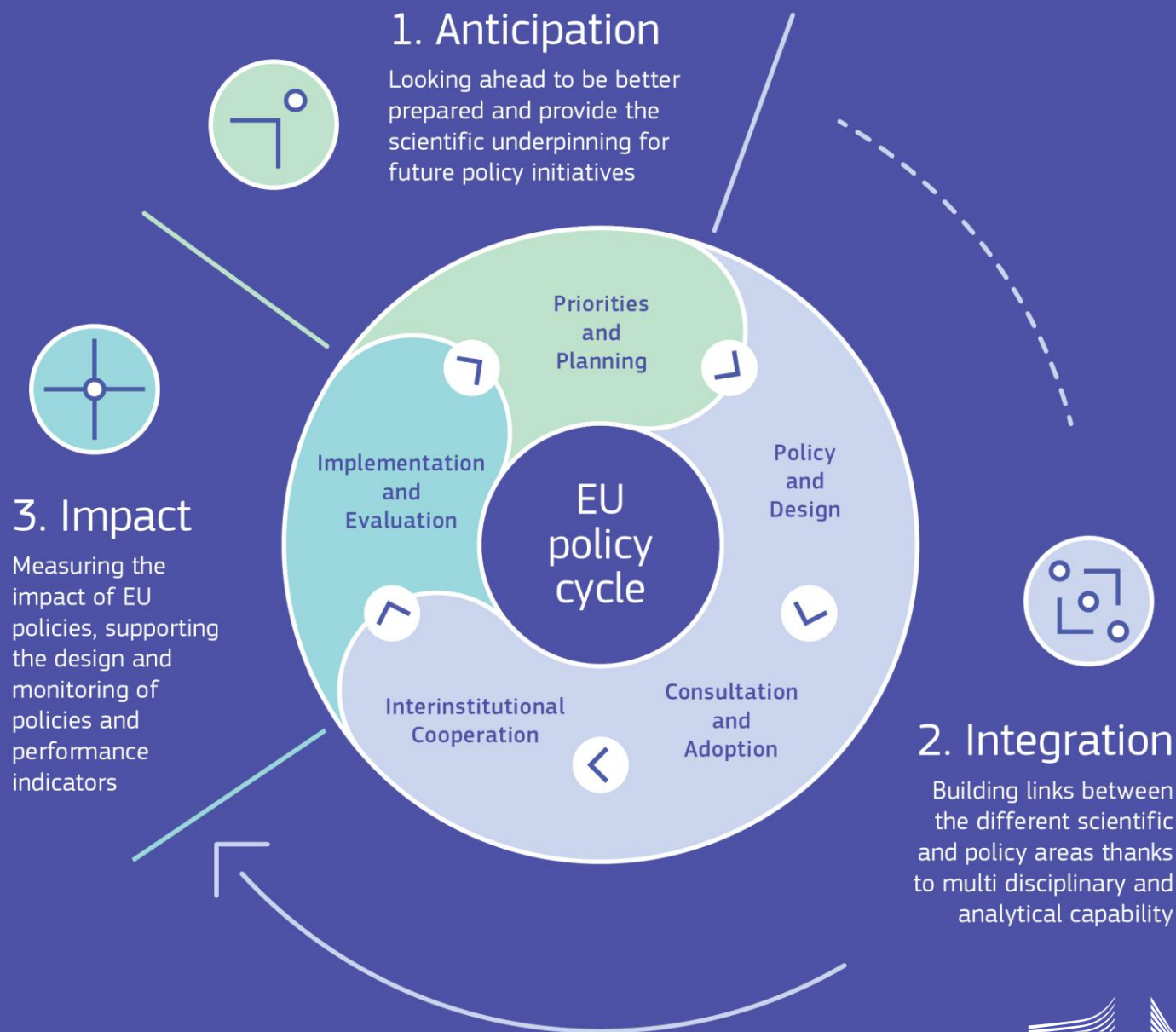
The Joint Research Centre provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society.



We do science for policy

The JRC's three core strengths underpin the full EU policy cycle

JRC scientific portfolios



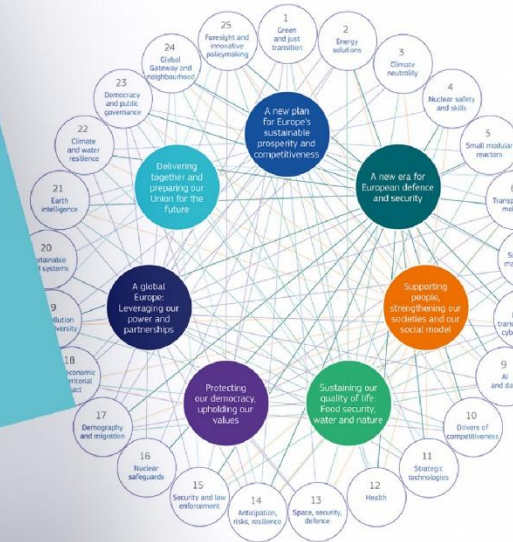
JRC scientific portfolios

The portfolios are the foundation of [our Work Programme 2025-2027](#).

They bring together the JRC's work in different scientific areas, to help policymakers address emerging challenges.



The JRC's 25 portfolios are strongly linked with the 7 priorities of the European Commission



25 research portfolios to support Commission priorities

- A new plan for Europe's sustainable prosperity and competitiveness
- A new era for European Defence and Security
- Supporting people, strengthening our societies and our social model
- Sustaining our quality of life: food security, water and nature
- Protecting our democracy, upholding our values
- A global Europe: Leveraging our power and partnerships
- Delivering together and preparing our Union for the future

1 Just, competitive and sustainable green transition

2 Energy solutions

3 Pathways to climate neutrality

4 Nuclear safety – technology and skills

5 Small modular reactors and innovative reactor systems

6 Future transport, mobility and related infrastructure

7 Sustainable materials and products for a circular, resilient and competitive Europe

8 Digital transformation: technologies, cybersecurity, and socio-economic impact

9 Artificial intelligence and data

10 Financial and economic drivers of competitiveness

11 Strategic technologies for economic security and innovative industrial ecosystems

12 Blueprints for a strong European Health Union

13 Synergies for a stronger EU in space, security and defence

14 Societal resilience, systemic disruptive events and risks: enhancing anticipation, preparedness, and response

15 Science for security and law enforcement

16 Nuclear safeguards

17 Demographic resilience and effective migration strategies

18 Economic, social and territorial intelligence and impact

19 Zero pollution, biodiversity restoration and natural capita accounting

20 Transition to more resilient and sustainable food systems in an EU and global context

21 Coherent policies through Earth observation intelligence

22 Climate adaptation and water resilience

23 Innovation for democracy and public governance

24 Science for Global Gateway and neighbourhood policy, including enlargement

25 Foresight, support to science and innovative policymaking



JRC in the next Multiannual Financial Framework

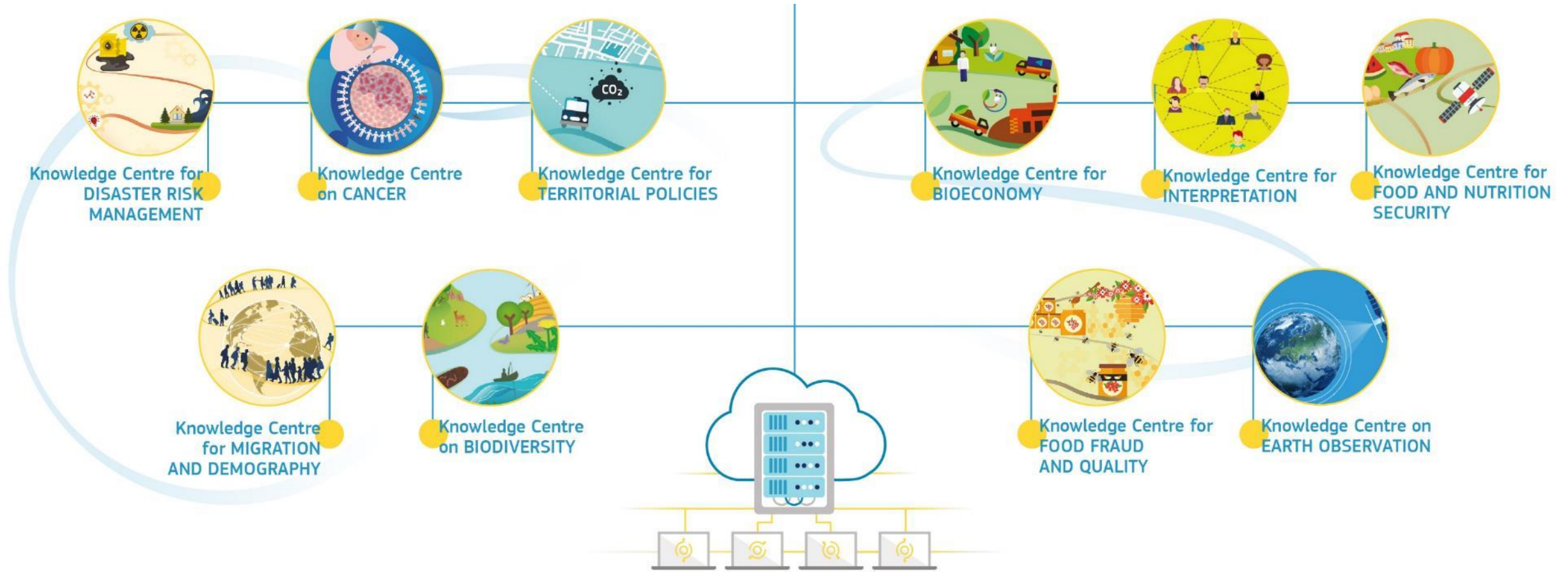


HORIZON EUROPE (2028-2034)

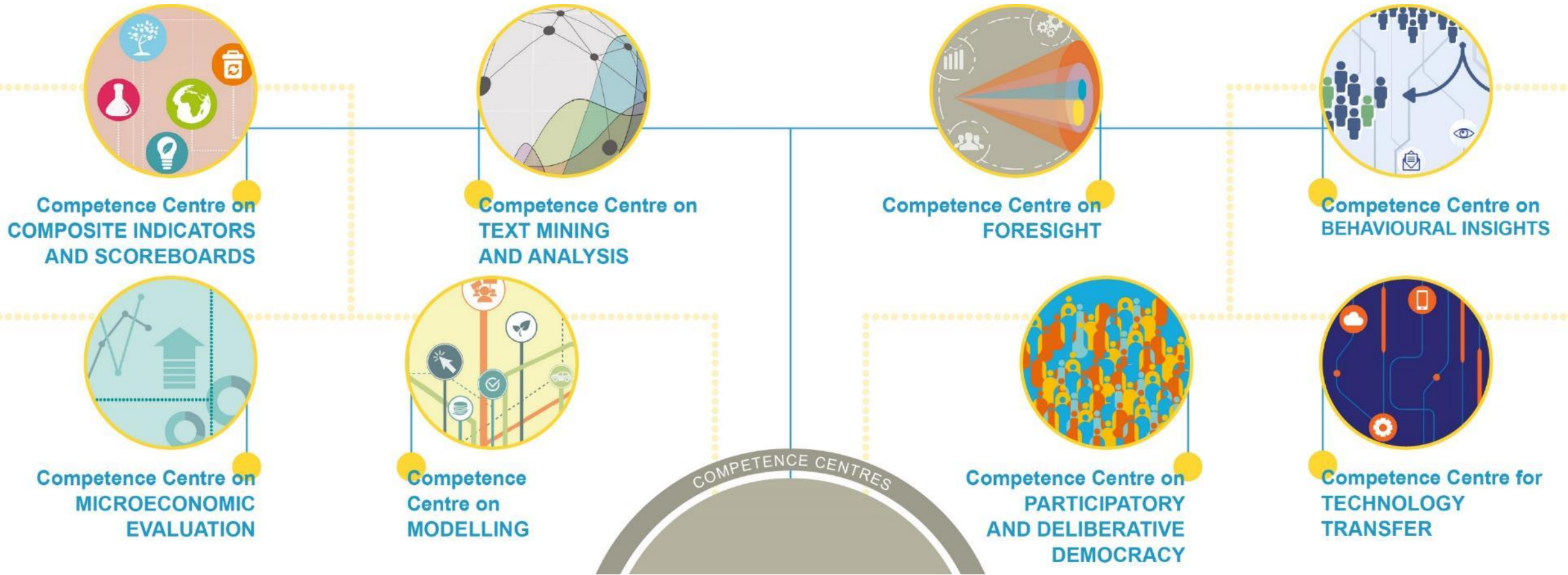
With a proposed **€175 billion** budget, the new programme will be based on four pillars.

Pillar I	Pillar II	Pillar III	Pillar IV
EXCELLENT SCIENCE	COMPETITIVENESS AND SOCIETY	INNOVATION	EUROPEAN RESEARCH AREA
€44.079 BILLION	€75.876 BILLION	€38.785 BILLION	€16.262 BILLION
EUROPEAN RESEARCH COUNCIL	COMPETITIVENESS ¹ : 1. Clean Transition and Industrial Decarbonisation 2. Health, Biotech, Agriculture and Bioeconomy 3. Digital leadership 4. Resilience and Security, Defence Industry and Space	EUROPEAN INNOVATION COUNCIL	ERA POLICIES
MARIE SKŁODOWSKA-CURIE ACTIONS		INNOVATION ECOSYSTEMS AND THE KNOWLEDGE TRIANGLE	RESEARCH AND TECHNOLOGY INFRASTRUCTURES
SCIENCE FOR EU POLICIES	SOCIETY: 1. Global societal challenges 2. EU Missions 3. New European Bauhaus Facility		WIDENING PARTICIPATION AND SPREADING EXCELLENCE

Knowledge Centres

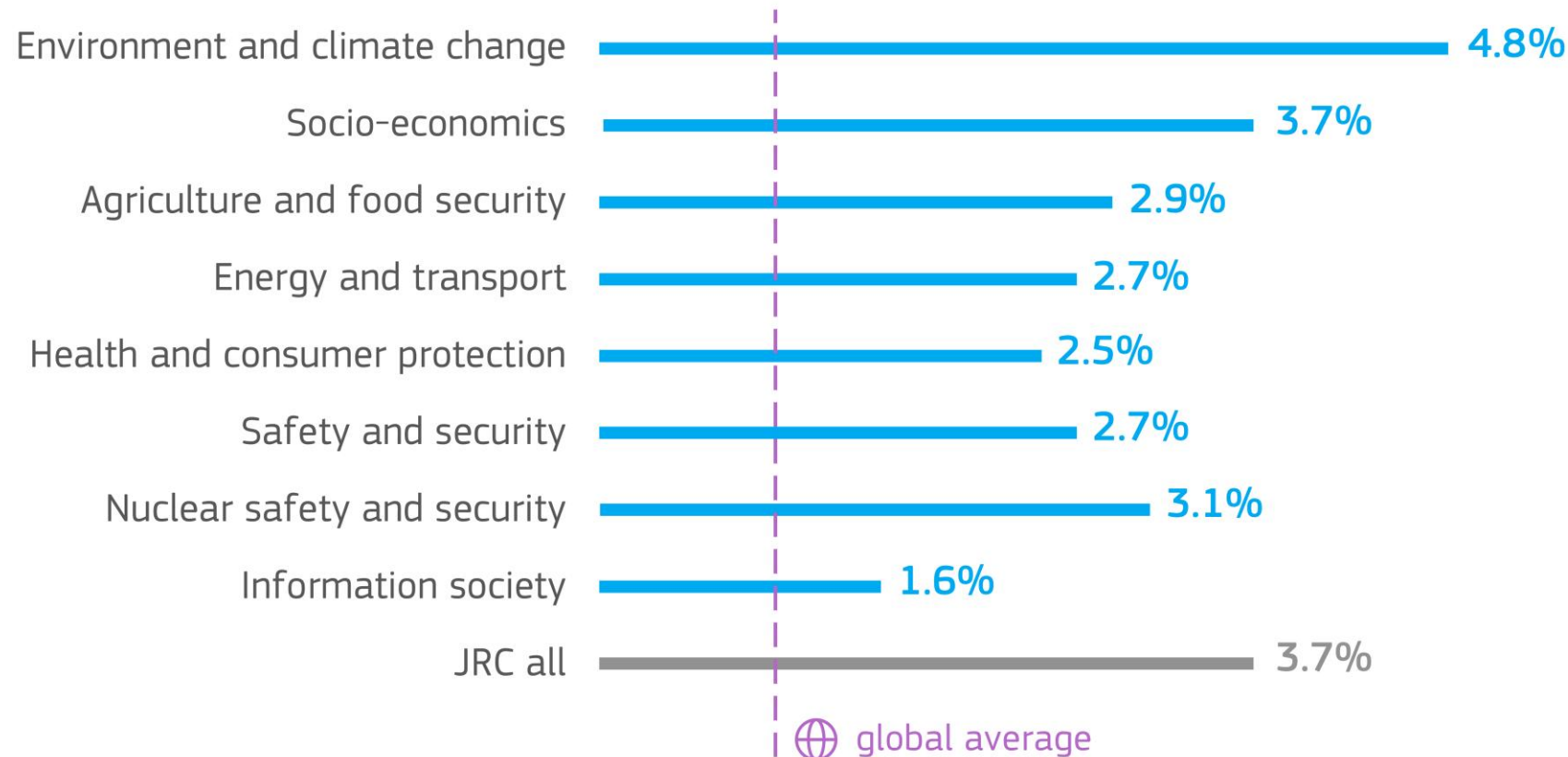


Competence Centres

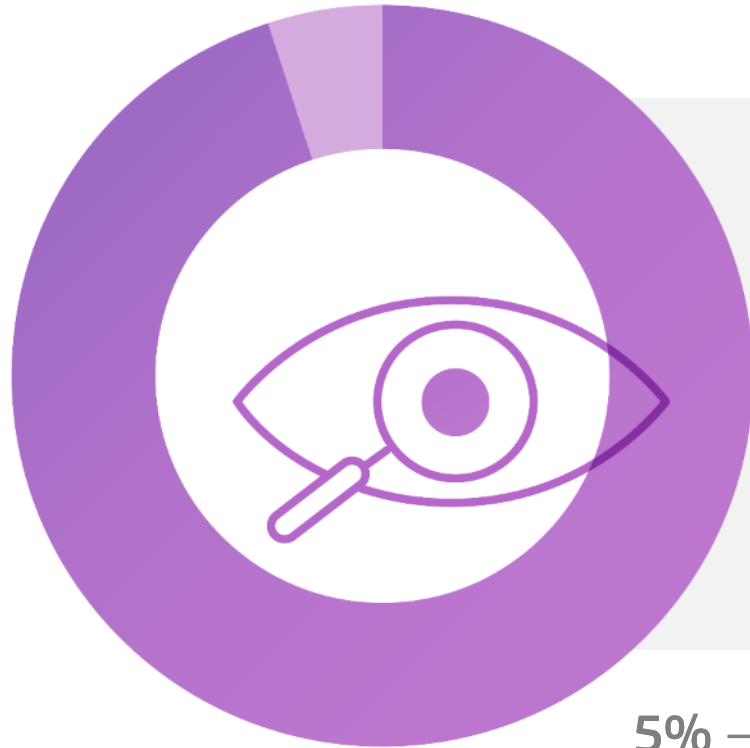


We perform well across all of our research fields

Percentage of JRC publications among the globally most cited 1% (2018-2022)



We are close to a 100% open access



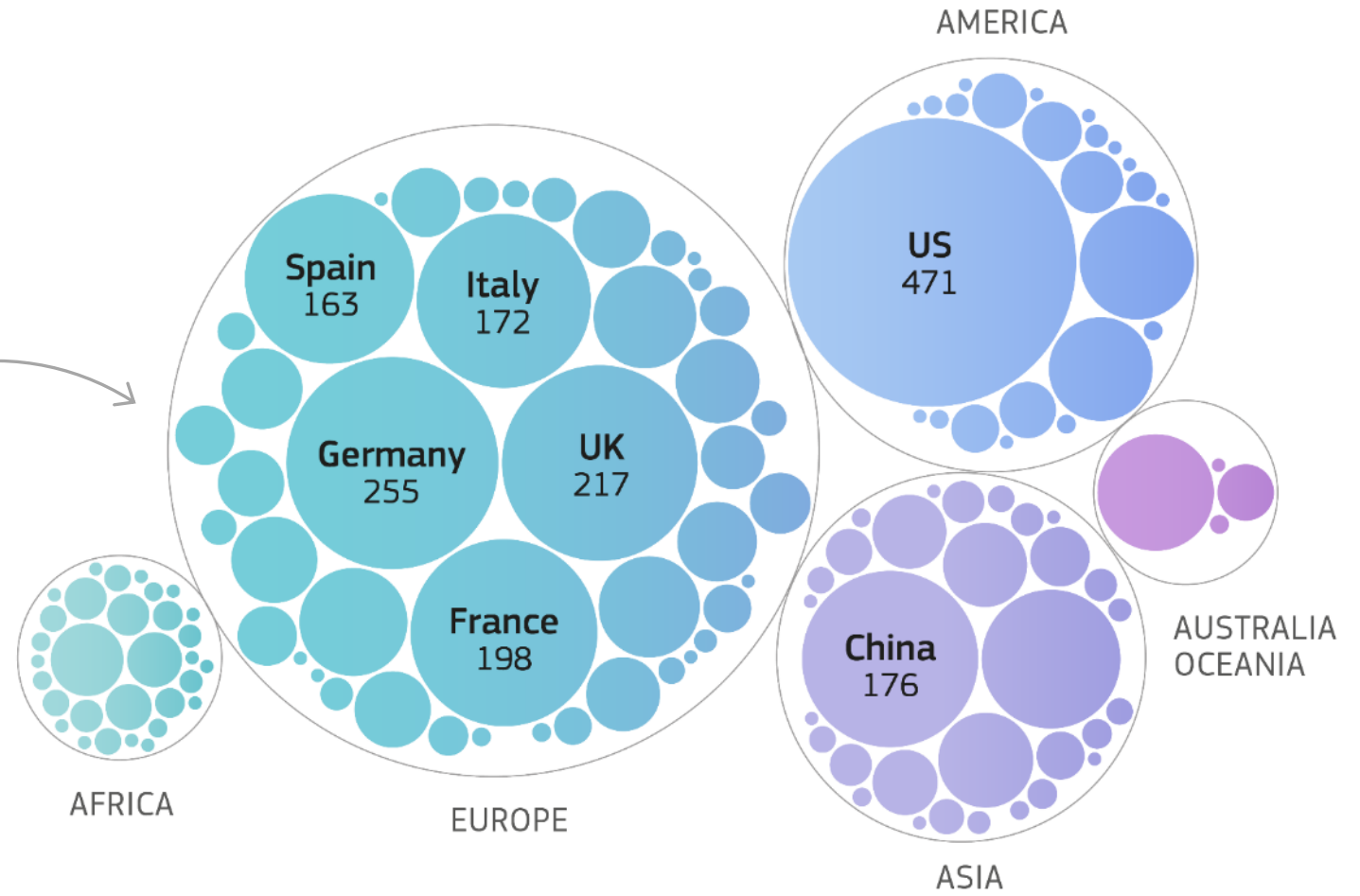
We believe in transparency and strive for open science.

95% of our studies were published open access in 2022.

5% — no suitable open access journal found

We cooperate across the whole world

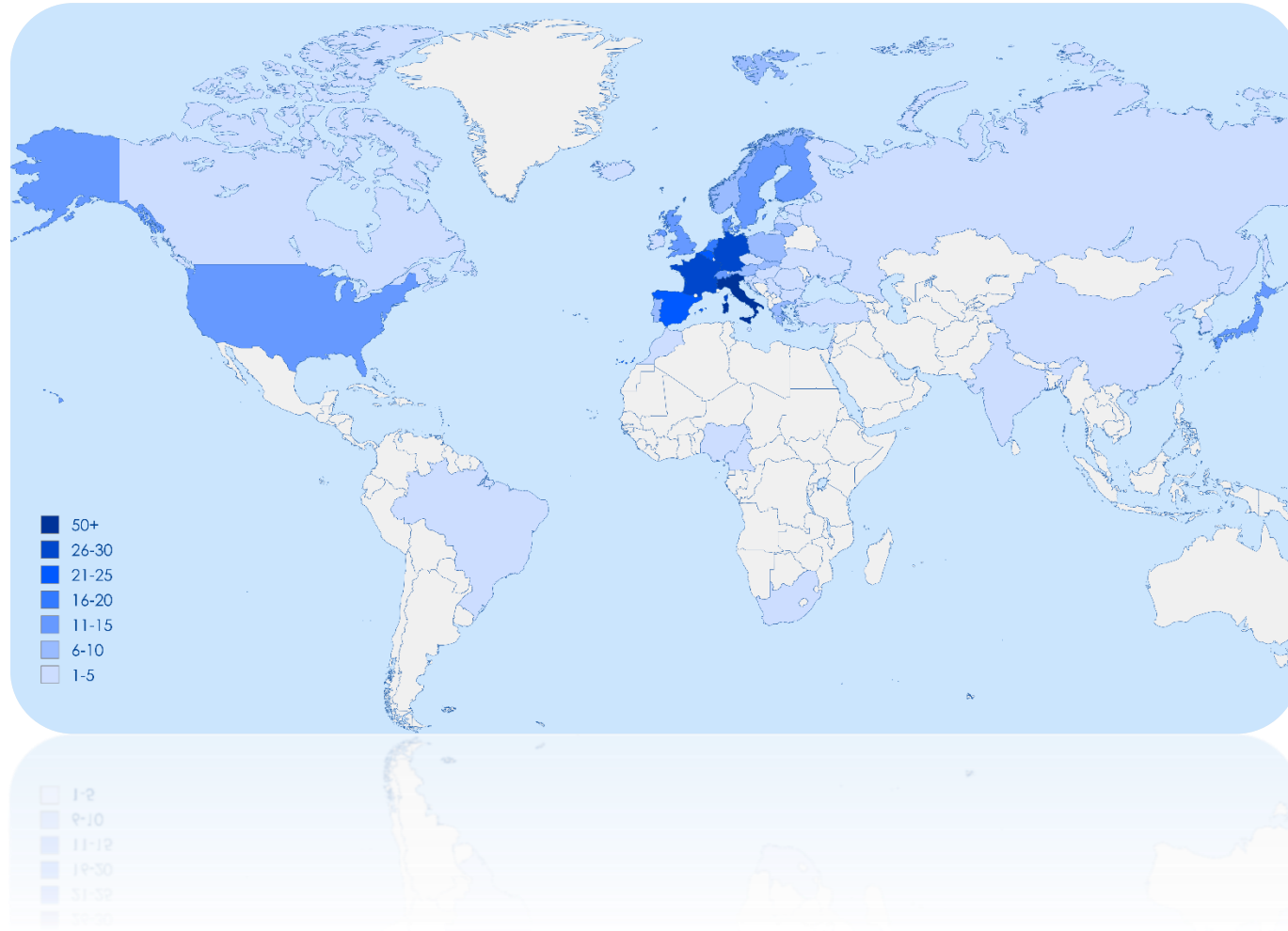
82% of JRC publications
were co-authored
with scientists from
>3200 organisations
in 134 countries



Data for JRC publications (2018-2022)



Collaboration Instruments



- Letters of Intent
- Memoranda of Understanding
- Collaboration Agreements
- Non-disclosure agreements
- Etc.

JRC facilities – some examples

Virtual tour at <https://visitors-centre.jrc.ec.europa.eu/en/media?type=8>

European
Laboratory for
Structural
Assessment
(ELSA)



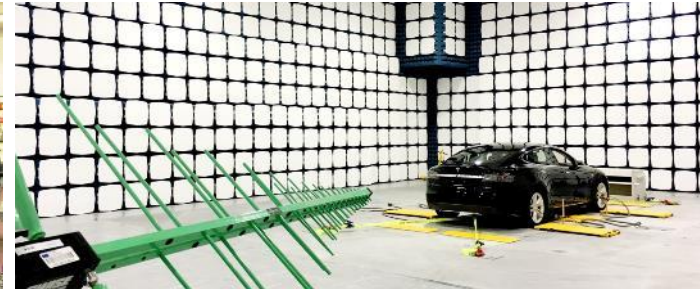
Hopkinson
Bar facility
(HOPLAB)



Vehicle Emission
Laboratory (VELA)+
vehicle Market
Surveillance
Laboratory



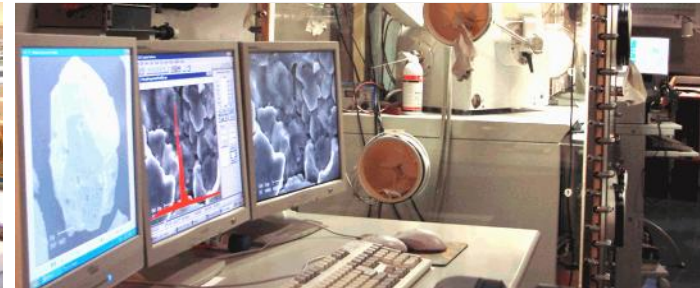
European
Interoperability
Centre for Electric
Vehicles and
Smart Grids



Battery Testing
Facility Laboratory



Nuclear Forensic
Laboratory



JRC facilities – some examples

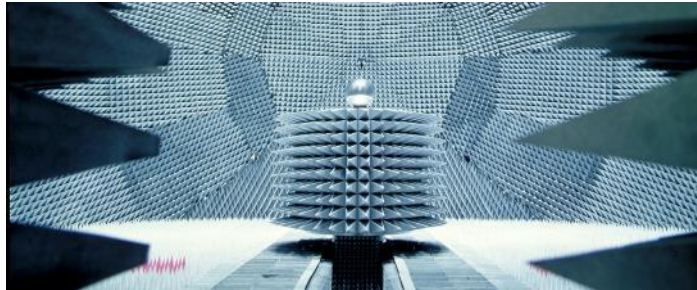
Virtual tour at <https://visitors-centre.jrc.ec.europa.eu/en/media?type=8>

JRC ultra low-
background
gamma-ray
spectrometry
facility (HADES)



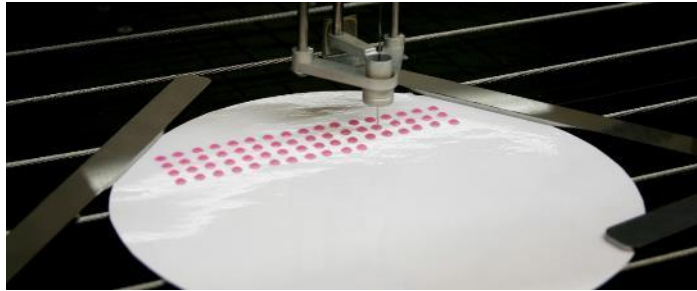
European Solar
Test Installation
(ESTI)

European
Microwave
Signature
Laboratory
(EMSL)



Gas Testing
Laboratory

JRC radionuclide
metrology laboratory
(RADMET)



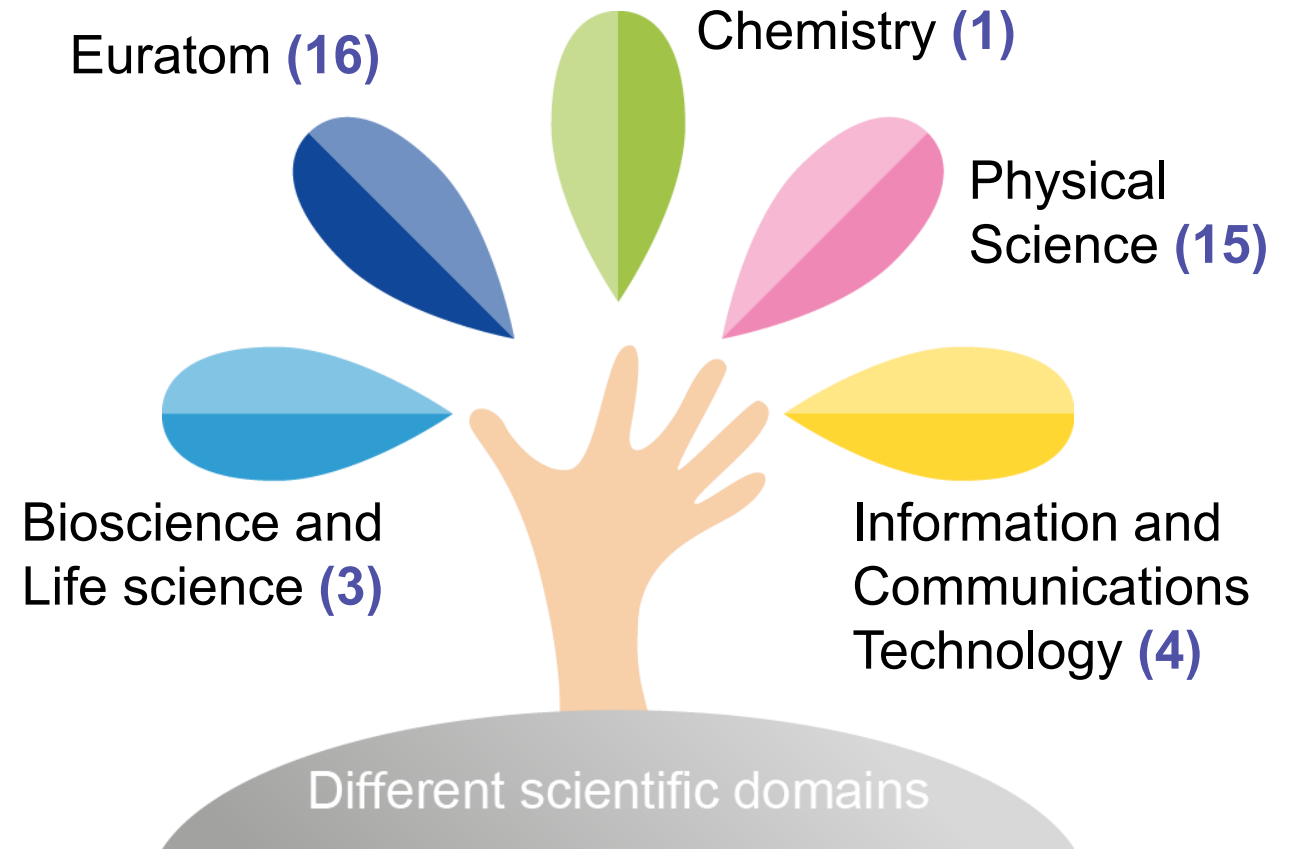
European Crisis
Management
Laboratory
(ECML)



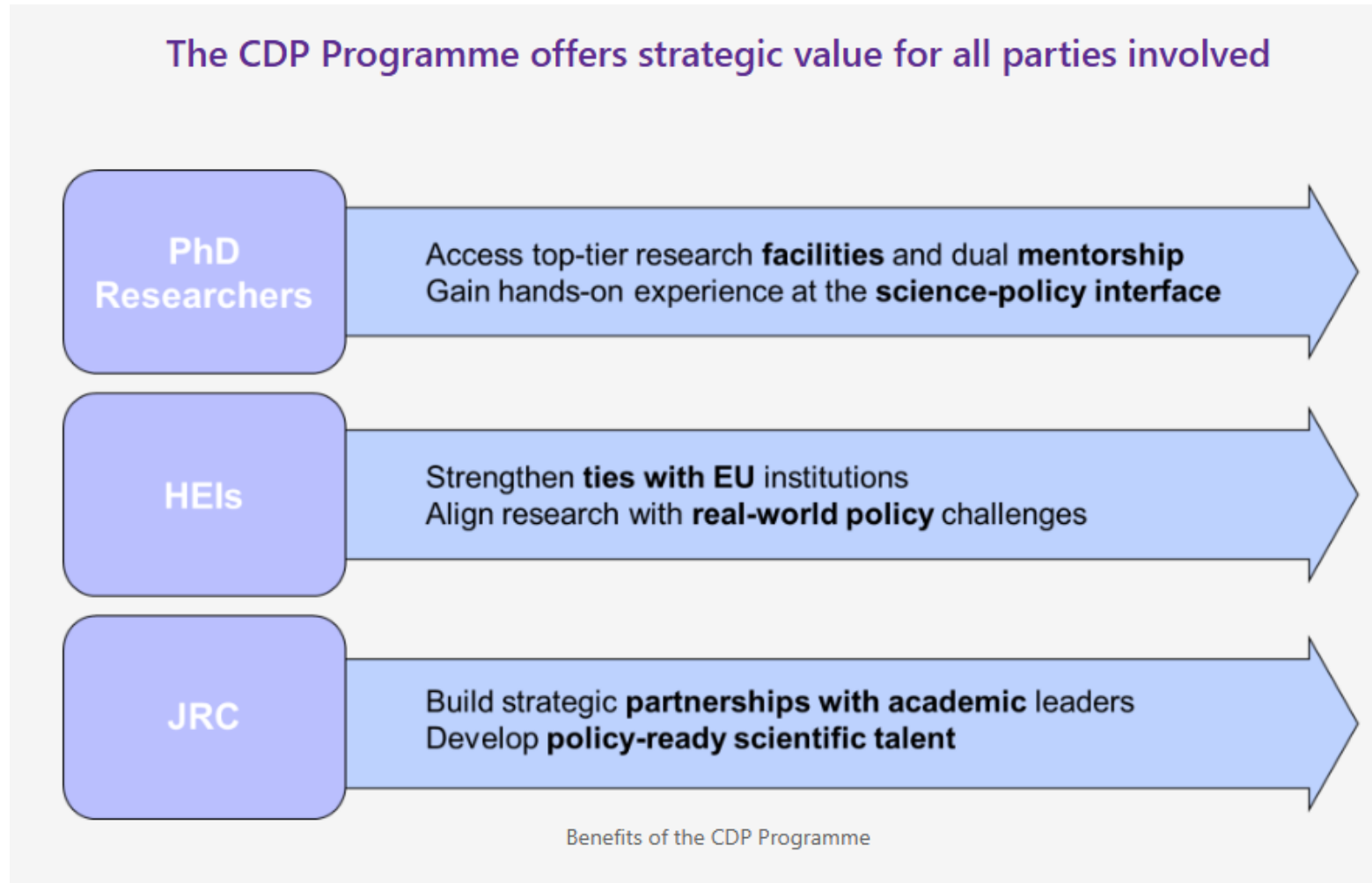
Open access to JRC Research Infrastructures

The JRC hosts **39 physical Research Infrastructures** (RI) with a potential of opening to external users (out of a total of 56)

<https://europa.eu/!CM63UK>



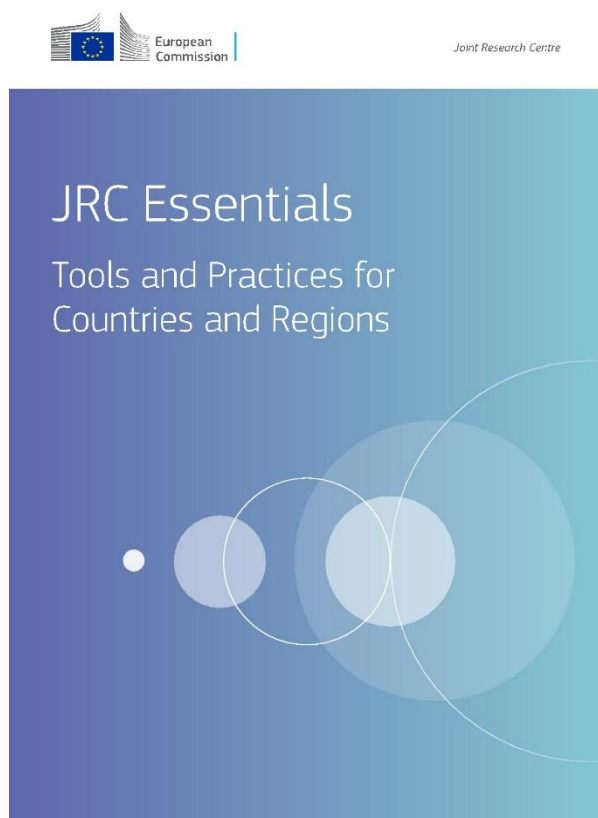
Collaborative Doctoral Partnerships



[Learn more here](#)



Want to learn more?



[JRC Essentials](#)

September 2025

Joint Research Centre (JRC) - Newsletter

The Joint Research Centre provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society

Science for policy

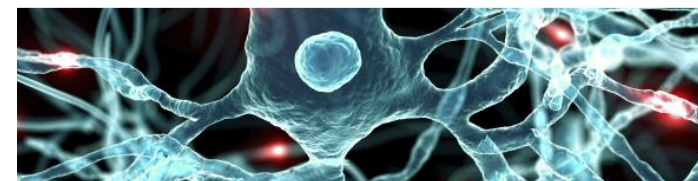
Calls and collaborations

[Subscribe to the general JRC Newsletter here](#)

JRC - Centre commun de recherche

Science Flash For You

La France et le service de la Commission européenne pour la science et la connaissance



Suivez-nous  

Actualité

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Thank you



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