

The new European Research Area

#ResearchImpactEU
#EUResearchArea



Boosting R&I for prosperity through ERA

- R&I as a key driver of economic and social prosperity and well-being
- ERA as a policy tool to boost R&I in Europe:
 - Build a European internal market for knowledge to boost R&I
 - Launched 20 years ago
 - Activities focused mainly on reducing R&I fragmentation and overlaps in Europe

The European Research Area: 20 years on



Successes

- 37 **Research Infrastructures** implemented with close to 20 billion euro in investment
- 7 billion euro in **joint programmes** between Member States
- Better **research careers**: Charter and Code for Researchers, EURAXESS
- European **Open Science** Cloud



Points for improvement

- **3% target** not reached, lagging in private investment, public investment stagnated
- Significant **divides in R&I performance** across the EU
- More ambitious **policy reforms**
- Need to improve on **translating R&I results to the economy and to support the transition and the recovery**
- Progress to **gender equality** has been slow: only 24% of top positions in higher education sector are occupied by women
- Better involvement of **citizens and society**

Delivering on the transitions and the recovery

- Europe faces **societal, ecological and economic challenges**, aggravated by **#coronavirus** → it is high time to retool ERA so that it delivers on **Europe's recovery** to:



Accelerate the twin transition

and new solutions in areas such as the decarbonisation of industry or sustainable mobility



Strengthen resilience and crises preparedness

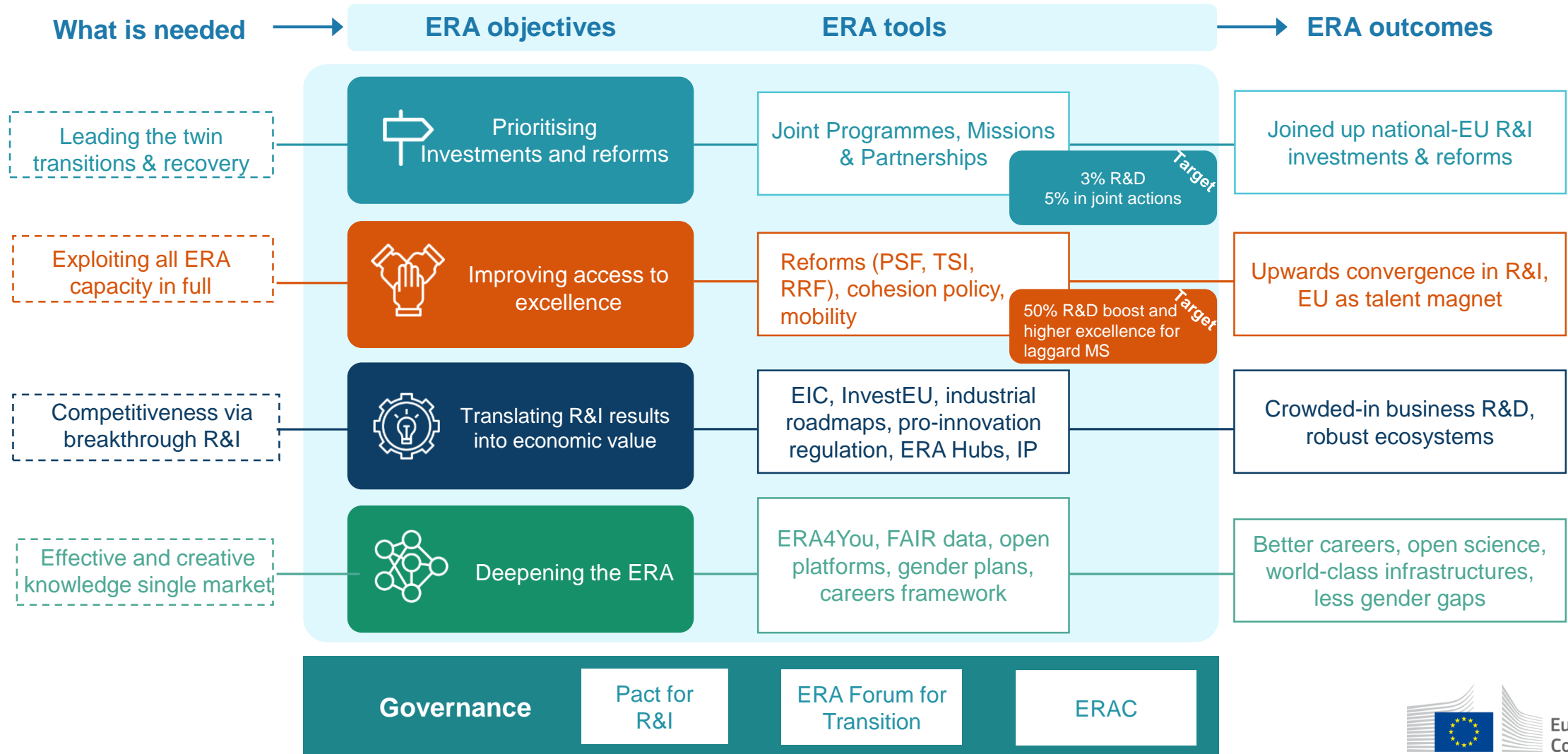
health, digital, socio-economic and climate R&I are essential



Support Europe's competitive edge

in the global race for knowledge and tech sovereignty in cybersecurity, space, AI, 5G and e-mobility

A stronger ERA for the future



Promoting synergies and reinforcing knowledge

European Research Area (ERA)



Digital Education Action Plan

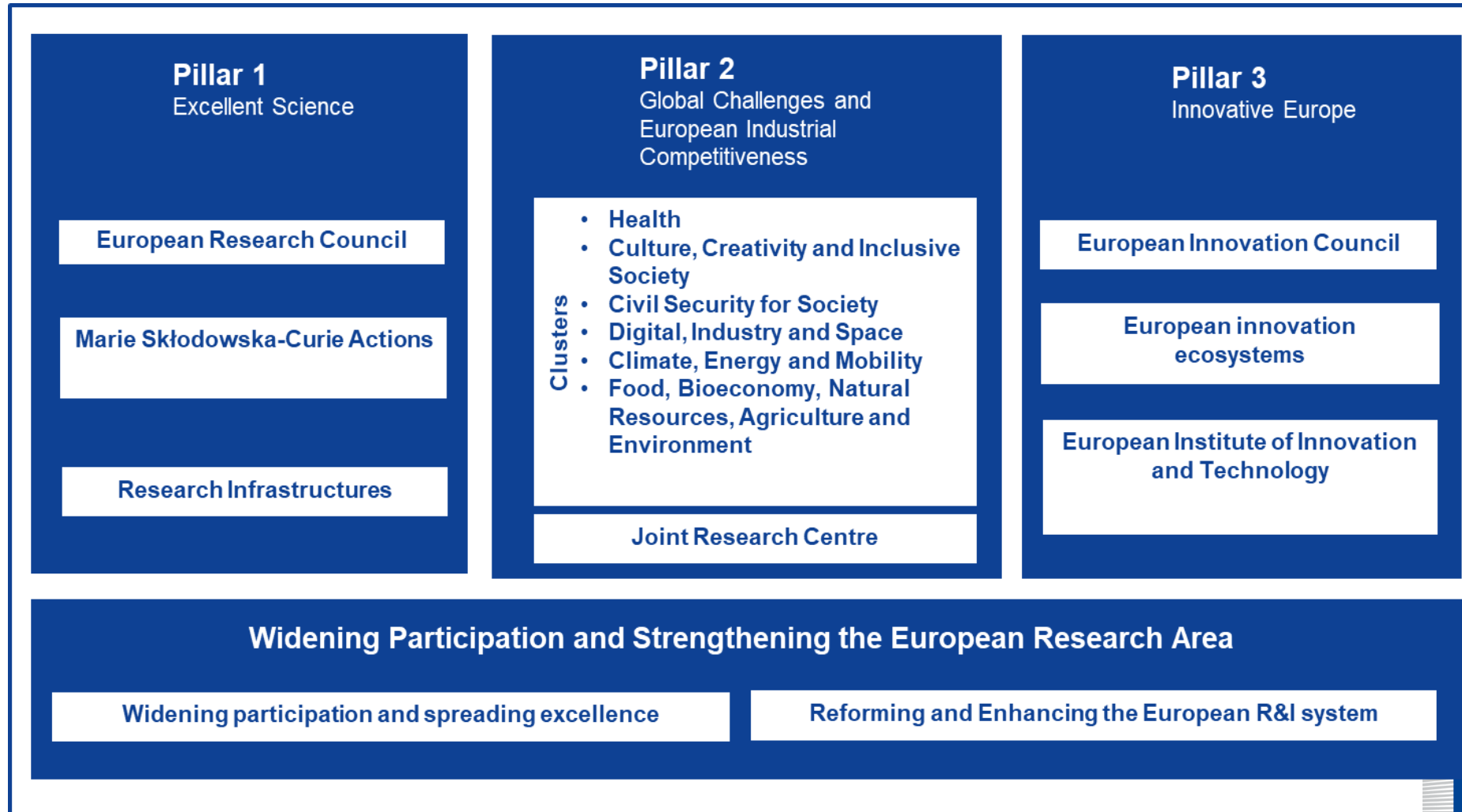
- Helping develop high-performing digital education ecosystems
- Enhancing digital skills and digital transformation competences

European Education Area (EEA)

Enabling all young people to benefit from the best education and training, and to find employment across Europe

- spending time abroad to study and learn as norm
- school and higher education qualifications recognised across the EU
- knowing two languages in addition to one's mother tongue as standard
- high-quality education access for everyone, irrespective of socio-economic background
- strong sense of identity as a European, of Europe's cultural heritage and its diversity

Horizon Europe contributing towards a renewed ERA



Horizon Europe contributing towards a renewed ERA

Complementarities



European
Research Area

- ❑ Traditional ERA priorities **will continue** to be supported by the EU's Framework Programme for Research and Innovation (coming up: Horizon Europe)
- ❑ Member States will be encouraged and supported, through dedicated Horizon Europe measures and complementarities with smart specialisation strategies under Cohesion Policy
- ❑ Towards reducing R&I fragmentation (improving access to research infrastructures, improving quality of science, promoting mobility and better careers,...)

Horizon Europe contributing towards a renewed ERA

Widening participation and strengthening the ERA part

2. Improving access to excellence

- Teaming, Twinning, COST, Excellence hubs, Excellence Initiative for HEIs
- Balancing brain circulation, **networking for research managers**, support for Western Balkans



1. Prioritising investments

- Teaming, Policy Support Facility
- Support for policy makers



4. Deepening the ERA

- ERA Chairs, Twinning, COST
- **Empowering universities**
- Strengthening R&I talents
- Science education & communication
- Ethics and integrity, gender
- Open Science

3. Translating R&I results into economic value

- Excellence Hubs, (Teaming)
- Standardisation booster, Innnowwide Bridging, IP mgmt



Specific Programme – Reforming and enhancing the EU R&I System	Destination 3 Reforming and enhancing the EU R&I system	Topics	Types of Action
<ul style="list-style-type: none"> • Support to national research and innovation policy reform • international cooperation 	Strand 1 - Prioritizing investment and reform	<ul style="list-style-type: none"> • Policy Support Facility, • ERA Scoreboard, • Academic freedom • Support SI presidency, • China 	<ul style="list-style-type: none"> • CSAs • GIBs • Expert Groups • Procurements
<ul style="list-style-type: none"> • training, coaching, strengthening support structures and facilitating cooperation 	Strand 2 - Improving access to excellence	<ul style="list-style-type: none"> • Networking & training for research managers 	<ul style="list-style-type: none"> • CSA
<ul style="list-style-type: none"> • Dissemination and exploitation of research and innovation results 	Strand 3 - Translating R&I results into the economy	<ul style="list-style-type: none"> • Standardisation booster, • Innowide Bridging facility • IP management • ERA hubs, • Future resilience, • Innovation scoreboard, • Industrial technology roadmaps 	<ul style="list-style-type: none"> • CSAs • Expert Groups • Prizes • Procurements

Specific Programme – Reforming and enhancing the EU R&I System	Destination 3 Reforming and enhancing the EU R&I system	Topics	Types of Action
<ul style="list-style-type: none"> • Accelerating transition towards open science • Providing researchers with attractive career environments • supporting the modernisation of universities • citizen science • Science education • gender equality • Ethics and integrity 	<p>Strand 4- Deepening the European Research Area</p>	<ul style="list-style-type: none"> • Open Science • Empowering universities • Strengthening R&I talents • Citizen Science • Science education • Gender • Ethics and integrity 	<ul style="list-style-type: none"> • CSAs • RIAs • GIBs • Prizes • Procurements

THE NEXUS between ERA/R&I and RRF

ERA objectives



Improving access to excellence



Prioritising investments and reforms



Translating R&I results into economic value



Deepening the ERA

Examples of R&I actions which can be supported by the RRF

Carry out structural reforms of the public research system

Mobilise national S&T capabilities to accelerate green and digital transitions
Engage in EU-level initiatives (European Flagships, Horizon missions and partnerships)
Promote knowledge intensive areas delivering on the transition (e.g. green hydrogen)

Foster academia-industry cooperation and mobility
Support research-driven spinoffs and start-ups
Support business R&D investments through public funding and debt & equity
Boost R&I results to support the transitions, including strong industry ecosystems

Facilitate the role of universities as essential actors of change
Develop research & technology infrastructures, in line with the ESFRI roadmap
Develop and promote the use of EOSC-compatible data infrastructures

A NEW ERA FOR RESEARCH AND INNOVATION

For more information please see:

[Press release](#)

[Factsheet](#)

[Video: 'The new European Research Area'](#)

[Communication: A new ERA for Research and Innovation](#)

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