

# Update on Horizon Europe

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European Commission



# Towards the launch of Horizon Europe

## – cascade of pending decision-making in 2020



# Strategic plan gives direction to the work programme



## Main Features

- Early involvement and extensive exchanges with Member States
- Extensive exchanges with the European Parliament
- Consultations with stakeholders and public at large

# Update on **Cluster Health** Candidate Partnerships

## Institutional Partnerships (Article 187 TFEU)

**Innovative Health Initiative (ex-IMI2)** – EC proposal adoption in Q3/2020, Start Year 2021

**EU-Africa Global Health (ex-EDCTP2)** – EC proposal adoption in Q3/2020, Start Year 2021

## Co-funded Partnerships

	WP Year	Start Year
<b>European Partnership on Assessment of Risk of Chemicals (PARC)</b>	2021	2022
<b>European Partnership on Transforming Health &amp; Care Systems</b>	2022	2023
<b>European Partnership Fostering an ERA for Health</b>	2022	2023
<b>European Partnership on Personalised Medicine</b>	2023	2023
<b>European Partnership on Rare Diseases</b>	2023	2024
<b>European Partnership on One Health AMR</b>	2023/24	2024/25

Additional cross-cluster partnership candidate on “**Pandemic Preparedness and Societal Resilience**” to advance cooperation between MS – [preliminary draft outline](#)

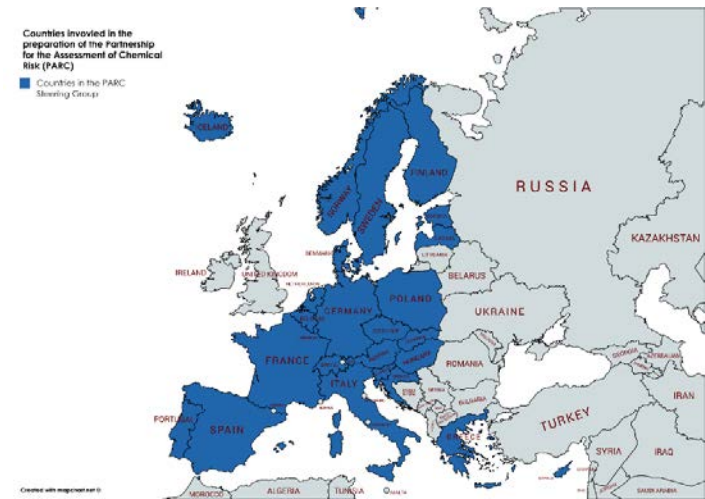
# Partnership on Chemical Risk Assessment

*To stimulate R&I in chemical risk assessment through a common roadmap set by risk assessors and risk managers in consultation with all stakeholders (academia, industry, associations and others) to enable risk assessors and risk managers to respond to current and future challenges*

- **General objective:** to consolidate and strengthen the EU's R&I capacity for chemical risk assessment to protect human health and the environment and contribute to a non-toxic environment and a circular economy.
  - **European R&I Network** to define priorities and ensure uptake of results
  - **European R&I Programme** to increase efficiency and effectiveness of testing and assessment methods/strategies and improve regulatory tools
  - **R&I Capacities and Platforms** for next generation risk assessment
- **Partnership approach** will allow to address:
  - gaps in knowledge and information on hazards, occurrence and exposures to chemicals and mixtures
  - screening, testing and assessment methods to be developed, validated and taken-up
  - persistent science-regulatory gap

**Concept paper published:**

[https://ec.europa.eu/info/files/european-partnership-chemicals-risk-assessment\\_en](https://ec.europa.eu/info/files/european-partnership-chemicals-risk-assessment_en)



**25 countries** in the steering group:  
AT, BE, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HR, HU, IS, IT, LV, LU, NL, NO, PL, PT, SE, SI, SK  
→ *Non-participating countries are invited to express interest in the Partnership: e.g. BG, IE, LT, MT, RO*

and ECHA, EEA, EFSA, JRC, DG R&I, DG SANTE, DG ENV, DG GROW & others



# Transformation of Health & Care systems

*to lay the ground to provide high-quality, fairly accessible, health promoting and resilient health and care services at affordable prices to all European citizens in a way that is sustainable for the public finances.*

- **General objective:** *to ensure the transition towards more sustainable, resilient, innovative and high quality people-centred health and care systems.*
- **Partnership approach** will allow to address :
  - gaps in research and innovation,
  - In knowledge translation,
  - implementation and scaling and
  - strengthen the research and innovation capacity in this field.
- **Regional dimension is important for H&C systems in Europe**
- **Co-funded** partnership, Duration – **7 years**
- **Funding:** financial & in-kind contributions, EC co-funding – 30%.

Drafting Group (BE, ES, FR, IT, LV, NL, **NO**, AU, PL, CH, SE, FI), with inputs from the EC (DGs R&I, SANTE, CNECT)

Activities to be funded



Partners composition



**Concept paper published:** [https://ec.europa.eu/info/files/european-partnership-health-and-care-systems-transformation\\_en](https://ec.europa.eu/info/files/european-partnership-health-and-care-systems-transformation_en)

Main recommendation from the interim evaluation of IMI2:

*'enable the active **engagement of other industry sectors** with the pharmaceutical industry to capitalise on their expertise in the development of new healthcare interventions'*

## Preparation of EC Proposal (Art 187 TFEU) for the Innovative Health Initiative (IHI)

### Goals:

- **Create an EU-wide health R&I ecosystem** that facilitates translation of scientific knowledge into innovations;
- **Foster the development** of safe, effective, people-centred and cost-effective innovations that **respond to strategic unmet public health needs** currently insufficiently served by industry;
- **Drive cross-sectoral health innovation** for a globally competitive European health industry

Covering prevention, diagnostics, treatment and disease management.

Industry Partners: EFPIA, COCIR, MedTech Europe, EuropaBio, Vaccines Europe

Expected to start in 2021.

# Preparation of EC Proposal (Art 187 TFEU) for the EU-Africa Global Health Partnership (EDCTP3)

## General objectives:

1. To reduce social and economic burden of infectious diseases in sub-Saharan Africa, through the development and uptake of **new or improved health technologies** against infectious diseases.
2. To increase health security in sub-Saharan Africa, and globally, by strengthening the **R&I-based capacities** for preparedness and response to control infectious diseases.

## Potential Partner Countries that have shown interest so far:

- ✦ From Europe: Austria, Belgium, Croatia, Denmark, Finland, France, Germany, Italy, Norway, Portugal, Slovakia, Slovenia, Spain, Sweden
- ✦ From Africa: Angola, Ethiopia, Gabon, Ghana, Mali, Mozambique, South Africa, Tanzania, The Gambia, Uganda & Zambia

## Other potential Associated Partners:

- Private foundations (Bill and Melinda Gates Foundation, Wellcome Trust, etc)
- Industry (GSK, etc)
- Third countries (UK, Switzerland, Japan, etc)

EC proposal by Oct 2020, Adoption by Council by 2<sup>nd</sup> half of 2021



Adaptation to climate change, including societal transformation



Ms Connie Hedegaard



Healthy oceans, seas, coastal and inland waters



Mr Pascal Lamy



## Mission areas



Cancer



Prof. Walter Ricciardi

Climate-neutral and smart cities



Ms Hanna Gronkiewicz-Waltz



Soil health and food



Mr Cees Veerman



## Mission Boards outline proposals for 5 missions

(25 June 2020)

- ❖ Conquering Cancer Mission Possible
- ❖ Accelerating the transition to a climate prepared and resilient Europe
- ❖ Regenerating our Ocean and Waters
- ❖ 100 Climate-Neutral Cities by 2030 - by and for the citizens
- ❖ Caring for Soil is Caring for Life

[https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/missions-horizon-europe\\_en&pk\\_campaign=rtd\\_news](https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/missions-horizon-europe_en&pk_campaign=rtd_news)

# European Research & Innovation Days 2020

- **21-23 September 2020**
- Entirely **virtual event**
- **Central themes:** ERA, Green Deal, Digitalisation, Horizon Europe, Missions, Synergies, COVID-19 + dedicated “areas” for International Cooperation, ERC, EIT and EIC
- **Structure**
  1. Policy area programme (built around 6 Hubs)
  2. Citizen area
  3. Exhibition area
- **Registration** will be required

# ERAvsCorona Action Plan & International cooperation

**Rapid, pragmatic, novel way of coordinating EU action at service level by Commission and Member States** to respond to EU Leaders' commitment "to do everything possible to support research, to coordinate efforts and seek synergies within European scientific and research community" (Joint Statement EU Leaders 26 March).

**10 short-term actions, notably:** Extending clinical trials, support to innovative companies, sharing research data, EU Hackathon and a second "Call for an Expression of interest"

**Global Response initiative:** Nearly €10 billion pledged to support the global cooperation under the ACT-A partnerships on vaccine, diagnostics and therapeutics as well as health systems strengthening

ACT-A = Access to COVID-19 Tools (ACT) Accelerator



*“Our renewed commitment to modernize our economies, making them greener, more digital and more resilient, will ensure that we come out stronger from this crisis. Research and innovation are vital to ensure a sustainable recovery for all.”*

Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth

## **INVESTMENTS IN RESEARCH AND INNOVATION ARE KEY FOR A SUSTAINABLE AND INCLUSIVE RECOVERY**

R&I are critical levers to ensure a sustainable and inclusive recovery, while boosting the resilience of our production sectors, the competitiveness of our economies and the transformation of our socio-economic systems. There are a number of key strategic areas where R&I initiatives can assist the recovery, and assist in the short term.



**€13.5 billion proposed increase of Horizon Europe budget through Next Generation EU, a €750 billion recovery plan**



# Thank you for your attention



## More information

- **EU supported health research and innovation:** [https://ec.europa.eu/info/research-and-innovation/research-area/health-research-and-innovation\\_en](https://ec.europa.eu/info/research-and-innovation/research-area/health-research-and-innovation_en)
- **EU supported Coronavirus R&I:** [https://ec.europa.eu/info/research-and-innovation/research-area/health-research-and-innovation/coronavirus-research-and-innovation\\_en](https://ec.europa.eu/info/research-and-innovation/research-area/health-research-and-innovation/coronavirus-research-and-innovation_en)
- **European COVID-19 Data Platform:** <https://www.covid19dataportal.org/about>
- **Horizon Europe:** [https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme\\_en](https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme_en)
- **HE partnership outlines:** [https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/european-partnerships-horizon-europe/candidates-european-partnerships-health\\_en](https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/european-partnerships-horizon-europe/candidates-european-partnerships-health_en)
- **HE Mission outlines:** [https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/missions-horizon-europe\\_en&pk\\_campaign=rtd\\_news](https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/missions-horizon-europe_en&pk_campaign=rtd_news)
- **EU R&I Days, 22-24 Sept 2020:** [https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/events/european-research-and-innovation-days\\_en](https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme/events/european-research-and-innovation-days_en)

**EUROPEAN  
RESEARCH & INNOVATION  
DAYS**



**22 → 24  
SEPTEMBER**