

► EERA Policy Update

Horizon Europe Preparation;
European Green Deal calls;
R&I days

29 September 2020



► EU energy R&I related policies - State of play September 2020



Sustainable recovery

- **MFF proposal**
- **Next Generation EU**
 - Proposal for the **Recovery and Resilience Facility** tabled
 - MS to present their draft plans
 - Support to key EU programmes (e.g. Horizon EU)



European Green Deal

Published:

- EU Climate Law proposal
- Industrial strategy
- Circular Economy Action Plan
- Energy System Integration Strategy
- Hydrogen Strategy
- NECPs assessment
- EGD H2020 call for proposals

Upcoming:

- Offshore renewable strategy
- Revision 2030 climate targets



Horizon Europe

- **Legislative package** (adoption depending on MFF)
- **Strategic Plan 2021-2024:**
 - Key Strategic Orientations
 - Clusters' expected impact
 - Partnerships
 - Missions
- **Work Programme 2021-2022 drafts available for feedback from MS**



► **Horizon Europe**
Budget and
preparation process

► The EU Budget proposal put forward by the EC

To mobilise investments, the Commission tabled in May 2020 a two-fold response:

Multiannual Financial Framework (MFF)	reinforced long-term budget of the European Union for 2021-2027	€1 100 bn	€1 1850 bn
Next Generation EU (NGEU)	One shot, to boost the post-Covid recovery with new financing raised on the financial markets (2021-2024)	€750 bn	
Horizon Europe (from MFF)	Original proposal tabled by the Commission	€80.9 bn	€94.4 bn
Horizon Europe (from NGEU)	Additional one-shot funding proposed under the recovery plan	€13.5 bn	

► EU Council Agreement: cuts to Horizon EU budget

On 21 July, EU leaders reached the agreement on the 2021-2027 EU budget and the 'Next Generation EU' recovery plan:

- Overall budget proposed by EC maintained
- Funding allocated across existing programmes affected by serious cuts in favour of higher rebates for some Member States
- The **climate target** is set at **30%** to the total amount of expenditure from the MFF and NGEU.

Multiannual Financial Framework (MFF)	reinforced long-term budget of the European Union for 2021-2027	€1074.3 bn	€1824.3 bn	Different proportion between grants and loans than EC prop.
Next Generation EU (NGEU)	one shot, to boost the post-Covid recovery with new financing raised on the financial markets (2021-2024)	€750 bn		

Horizon Europe (from MFF)	Original proposal tabled by the Commission	€75.9 bn	€80.9 bn	-13.5bn than EC proposal
Horizon Europe (from NGEU)	Additional one-shot funding proposed under the recovery plan	€5 bn		

► Timeline

- May 2020**
Commission proposal for the revised Multiannual Financial Framework 2014-2020 & 2021-2027 and Own Resources Decision + sectoral legislation
- By July 2020**
European Council: Political agreement on Multiannual Financial Framework 2014-2020 & 2021-2027 and Own Resources Decision
- By summer 2020**
European Parliament's consultation on Own Resources Decision
- Early autumn 2020**
Adoption of the revised Multiannual Financial Framework 2014-2020 + corresponding sectoral legislation
- October 2020**
European Council
- December 2020**
Adoption of the revised Multiannual Financial Framework 2021-2027 (European Parliament's consent)
Adoption of the Own Resources Decision (Ratification by all Member States in line with their constitutional requirements)
- January 2021**
Multiannual Financial Framework 2021-2027 implementation starts



Multiannual Financial Framework:
Agreement discussed in trilogues. EP to accept or reject the final text adopted by the Council in October.
Latest steps: Trilogues until 18 September

Horizon Europe legislation:
Ordinary legislative procedure. EP and Council to agree on same text.

29 September 2020: Research ministers reached an agreement on the HEU financial envelop.
→ **All HEU programmes to be cut horizontally to match the MS agreement from July 2020.**

Source:
European Commission

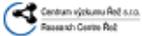
▶ EERA contribution

- EERA reaction to Council agreement published on 22 July 2020 ([Link](#))
- Letter to EU institutions to advocate for stronger HEU budget and Cluster 5 budget confirmation ([Link](#))
- Signature letter published by EUREC in collaboration with other EU NGOs

“European R&I is hugely beneficial for the European economy and constitutes a prerequisite for building a thriving and sustainable Europe” - EERA

The European Energy Research Alliance (EERA) coordinates research activities from about 250 prominent research institutions and universities, representing about 50.000 experts across 30 countries in Europe (<https://www.eera-set.eu/about-us/members.html>).

EERA's Executive Committee is constituted by the following organisations:

	Wolfgang Hribernik Austrian Institute of Technology GmbH (AIT)		Leen Govaerts Belgium Energy Research Alliance (BERA) - VITO
	Laurence Piketty Commissariat à l'Énergie Atomique et aux Énergies Alternatives (CEA)		Carlos Alejaldre Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (CIEMAT)
	Danes Burket Centrum vyzkumu Rez s.r.o. (CVR)		Preben Jørgensen Danmarks Tekniske Universitet (DTU)
	Ezilda Costanzo Italian National Agency for New Technology, Energy and Sustainable Economic Development (ENEA)		Mario Paolone École Polytechnique Fédérale de Lausanne (EPFL)
	Oliver Kraft Helmholtz-Gemeinschaft Deutscher Forschungszentren e.V (HGF) - KIT		Tomasz Galka Instytut Energetyki - Instytut Badawczy (IEN)
	Teresa Ponce de Leao Laboratório Nacional de Energia e Geologia I.P. (LNEG)		Richard van de Sanden Netherlands Energy Research Alliance (NERA) - Differ
	Jim Watson UK Energy Research Centre (UKERC)		Tuula Makinen Technical Research Centre of Finland (VTT)

Supporting organisations



► Horizon Europe preparation

Overall timeline for Horizon Europe



- Parallel developments for the finalisation of the:
- **HEU Strategic Plan (2021-2024)**
 - **Work Programmes 2021-2022 (per cluster)**

* Subject to the overall MFF and HEU negotiations



► HEU preparation: latest developments

July 2020

HEU Strategic Plan 2021-2024

Draft issue papers
(Orientations) Cluster 4 and 5
for feedback with MS

September 2020

Public consultation on Horizon
Europe First Strategic Plan
2021-2024

22-24 September: Co-design at
the R&I Days

Work Programmes 2021-2022

Preparation draft WP 2021-2022

First drafts WP 2021-2022
Cluster 4 and 5 for feedback
from MS

22-24 September: Co-design at
the R&I Days



▶ **European Green Deal Call (H2020)**

▶ European Green Deal call Horizon 2020



European
Commission

HORIZON 2020 EUROPEAN GREEN DEAL CALL

September 2020

€1 BILLION FOR RESEARCH & INNOVATION TO BOOST THE EU'S GREEN RECOVERY

The European Commission tables €1 billion under Horizon 2020 to respond to the climate crisis, provide more protection to Europe's biodiversity and habitats under threat, and accelerate a sustainable recovery.

▶ European Green Deal call Horizon 2020

- Timeline:
 - 17 September 2020: Publication of the call
 - 26 January 2021: DEADLINE for submission of proposals
 - Selected projects are expected to start in autumn 2021
- More information available on the [Funding & Tenders website](#)
- The Horizon 2020 Green Deal Call Info Day & Brokerage event took place as part of the virtual European Research & Innovation Days on 23-24 September 2020.

EERA Contribution

- Sharing of **early intelligence** on the call and of a **summary of the calls** to facilitate the identification of interests

► Green Deal Call: takeaways from EC R&I days

- Planned to **build on what has been already developed in H2020** and other programmes.
- **Impact is crucial:** 90% of the budget to short-term impact. The intention is to achieve impact in the upcoming decades (decades except for the social impact that needs longer timing). For IA, the impact section weights more than Excellence & Implementation (x1.5). Nevertheless, impacts indicated should be credible and achievable.
- Three agencies are participating in the implementation: REA, INEA, EASME.
- UK participation: allowed if an agreement is reached.
- **Tips** mentioned:
 - Build on other project results
 - Synergies with sister projects (avoid reinventing the wheel)
 - Sections have to be consistent and coherent
 - There are additional evaluation criteria for specific topics.



European
Research &
Innovation Days
Takeaways

► Advancing Europe together

Excellence & Inclusiveness: A Widening Strategy

- Crucial role of capacity building, networking and knowledge sharing in advancing Europe.
- Presentation of the [Cost Action](#): a bottom-up funding instrument that helps connect research initiatives across Europe and beyond.
- [European Universities Initiative](#): EU's flagship initiative for the creation of a European Education Area. Its aim is to bring together a new generation of Europeans able to cooperate across borders to address societal challenges and skills shortages in the EU.

Scientific advice to inform policymaking

- Scientific advice needs to be open and transparent.
- Need to build strong synergies between scientists and policymakers
- Policy is about trade-offs (not well taken by scientists). Need to find a compromise.



► Horizon Europe

Simplification in the MFF implementation, the role of Horizon Europe:

- The implementation strategy will be easier than H2020 and more synchronised with other programmes. Simplifications for applicants include a single formula for calculating personnel costs and lump sums, flat rates and unit cost.
- The main provisions of the Model Grant Agreement will be common for all programmes.
- The seal of excellence for joint calls combining funding for different instruments is a recognized tool for simplification.
- Digitalization and open access are crucial.

Promotion of outreach & co-creation with Member States on Horizon Europe implementation

- Important role of NCPs in sharing experiences on H2020 implementation and suggesting improvements.
- Consultation events with MS: focused on a new concept of outreach strategies including promotion of results
- Suggestions for improved co-creation: organization of outreach events with NCPs, promote seal of excellence across sectors.

► European Research Council & ERA

EU Research Council

- Stronger collaboration is needed between ERC and EIC in order to create a direct path from research to industry and product. Plan to set up a “fast track procedure”.
- There should be a similar instrument to the SBIR (The Small Business Innovation Research – America’s Seed Fund) also in the EU in order to support researchers and fund single projects

European Research Area

- Regions play an important role as it is where the innovation ecosystems develop. They should therefore be further involved.
- Final stages of producing a joint action plan between the CoR and DG RTD.
- Improvement in the coordination of research: better coordination from technologies to SSH to make cooperation quicker in order to achieve technological sovereignty in Europe.

