Horizon Europe
State of play webinar 4.9.2020
Programme and practical tips

10.00    Welcome

10.05    Greetings from Brussels – next steps
Jonna Lehtinen, Permanent representation of Finland to the EU, Brussels

10.20    Renewal of European Research Area (ERA)
Saara Vihko, Ministry of Education and Culture

10.35    Results of negotiations of Multiannual
Financial Framework and synergies between
R&I relevant EU Programmes
Timo Haapalehto, Ministry of Economic Affairs and Employment

10.50    Implementing Horizon Europe – State of play
of strategic planning
Hanna Vuorinen, Ministry of Economic Affairs and Employment

11.05    Questions and answers

11.30    End of the webinar

• Participants should mute their microphones during the webinar and switch their microphone on only when given the floor.

• You can use chat function to ask questions (FI & EN).

• Unfortunately we do not have technical service at your disposal during the webinar, in case you need help.

Presentation can be found at

National Horizon Europe website (work in progress)
Greetings from Brussels – next steps

Jonna Lehtinen
Permanent representation of Finland to the EU, Brussels
Renewal of the European Research Area (ERA)

Saara Vihko
Ministry of Education and Culture
ERA – a single market for research

• The European Research Area, which has been developed since 2000, gained legal status in 2009 when the Lisbon Treaty formally introduced the ERA (Article 179 TFEU) making the free movement of researchers, scientific knowledge and technology across Europe a formal objective of the EU.

• Since 2015 roadmap, ERA priorities have been:
  • More effective national research systems
  • Optimal transnational cooperation and competition
  • An open labour market for researchers
  • Gender equality and gender mainstreaming in research
  • Optimal circulation of, access to and transfer of scientific knowledge
  • International cooperation
ERA renewal process

• 2018 ERA Progress Report found that the progress towards a well-functioning ERA continues but seems to be slowing down, while large disparities between countries persist. The Council invited the Commission to present a communication on the future of the ERA by mid-2020.


• 12/2019 ERAC Opinion on the future of the ERA published

• 9/2020? Commission Communication on the future of the ERA

• 10/2020 Ministerial Conference on the European Research Area (ERA)

• 11/2020 Council Conclusions on the future of ERA

• 2021 Renewal of ERA governance
Results of negotiations of Multiannual Financial Framework and synergies between R&I relevant EU Programmes

Timo Haapalehto
Ministry of Economic Affairs and Employment
MFF + Next Generation EU

- Horizon Europe: 75.9 B€ + 5 billion
- Recovery and Resilience Facility: 0 + 672.5 billion
  - of which loans 360 billion
  - of which grants 312.5 billion
- InvestEU: 2.8 B€ + 5.6 billion
- Just Transition Fund: 10 B €

- NextGenEU parts will be decided via separate regulations
Synergies between EU programmes

Commission proposal for synergies with other Union programmes

Horizon Europe proposal foresees 4 concrete possibilities for synergies (provisions still under negotiations!):

- ESIF as national contribution (art. 8)
- Cumulative Funding (art. 23)
- Complementary Funding: Seal of Excellence (art. 11)
- Transfer of funding (art. 9 HE – art. 21 CPR)

3 Cs of synergies
- Compatibility
- Coherence
- Complementarity

Ref: European Commission and ERA-LEARN workshop
Synergies between Horizon Europe and other EU programmes and Funds, cont.

EU level

• Transfer of funds between programmes
  • Detailed regulations under preparation, for example, how to return unused funds.

• Seal of Excellence
  • To fund excellent projects from national or other funds.

MS level

• Synergies could be build at the participant level
  • Joint info campaigns and coordination between ministeries needed
Webinar series on synergies between EU programmes

Will continue this Autumn!

Presentations on past events can be found at


- 25.3. Digitaalinen Eurooppa ja Horisonrtti Eurooppa
- 7.5. LIFE ja Horisonrtti Eurooppa
- 3.6. EU:n uusi avaruusohjelma ja Horisonrtti Eurooppa
- 11.6. Erasmus+ ja Horisonrtti Eurooppa
Implementing Horizon Europe –
State of play of strategic planning

Hanna Vuorinen
Ministry of Economic Affairs and Employment
The Strategic Plan (new implementing act by the Commission) will prepare the content in the work programmes and calls for proposals for the first four years.

- Strategic orientation for R&I support, expected impacts
- Partnerships and missions
- Areas for international cooperation
- Issues such as:
  - Balance between research and innovation
  - Social Sciences and Humanities
  - Key Enabling Technologies and strategic value chains
  - Gender
  - Ethics and integrity
  - Dissemination and exploitation

- Strategic Shadow Committee has started in May 2019
  - FI rep.: Hanna Vuorinen, Saara Vihko, Timo Haapalehto
Steps towards the ‘main’ Work Programme


- Orientations paper
- Pre-draft Strategic Plan
- draft Strategic Plan
- Adoption of Strategic Plan
- WP elements
- drafting WP
- Adoption of main WP

With (shadow) Strategic configuration of the HEU PC
With (shadow) thematic configurations of the HEU PC

* Subject to the overall MFF and HEU negotiations
Next steps: a new round of co-design activities

• Web-based co-creation exercise (survey) on the Strategic Plan is open for participation until 18 September.
  

• 22-24 September 2020 - The second edition of **the R&I days**
  
  • Registrations are open for co-design activities and other virtual events
  
  https://research-innovation-days.ec.europa.eu/
Shadow thematic configurations of HE Programme Committee

• Thematic Shadow Committees (13) have started their work together with the Commission in March 2020
  -> content for Work Programmes 2021–2022
  -> delays because of the COVID-19 pandemic and MFF negotiations

• Finland’s representation in the Shadow Committees
European R&I partnerships

• The **preparation of the majority of candidates** (starting 2021/2022) has made solid progress.
  
  • Almost all of them have now been published on the Commission´s re-launched Horizon Europe webpage


• National feedback to the letters requesting national commitments is expected by mid-October to the Commission.

• The first calls of European Partnerships to be launched will be the ones of the co-programmed partnerships (with the publication of the Horizon Europe Work Programme).
Portfolio of candidates for European Partnerships (48)

**HEALTH**
- EU-Africa Global Health
- Innovative Health Initiative
- Chemicals Risk Assessment
- Fostering an ERA for Health research
- Large-scale innovation and transformation of health systems in a digital and ageing society
- Personalised Medicine
- Rare Diseases
- AMR

**DIGITAL, INDUSTRY AND SPACE**
- High Performance Computing
- Key Digital Technologies
- Smart Networks and Services
- AI, data and robotics
- Photonics Europe
- Clean Steel - Low Carbon Steelmaking
- European Metrology
- Made in Europe
- Carbon Neutral and Circular Industry
- Global competitive space systems

**CLIMATE, ENERGY AND MOBILITY**
- Transforming Europe's rail system
- Integrated Air Traffic Management
- Clean Aviation
- Clean Hydrogen
- Built environment and construction
- Towards zero-emission road transport
- Mobility and Safety for Automated Road Transport
- Batteries
- Clean Energy Transition
- Sustainable, Smart and Inclusive Cities and Communities
- Smart and zero-emission waterborne transport

**FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT**
- Accelerating farming systems transition
- Animal health: Fighting infectious diseases
- Environmental Observations for a sustainable EU agriculture
- Rescuing biodiversity to safeguard life on Earth
- A climate neutral, sustainable and productive Blue Economy
- Safe and Sustainable Food System for People, Planet & Climate
- Circular bio-based Europe
- Water4All: Water security for the planet

**PILLAR III AND CROSS-PILLAR**
- EIT Climate KIC
- EIT Health
- EIT Manufacturing
- EIT Food
- EIT InnoEnergy
- EIT Manufacturing
- EIT Raw Materials
- EIT Digital
- EIT Urban Mobility
- EIT Cultural and Creative Industries
- Innovative SMEs
- European Open Science Cloud (EOSC)

3 forms of implementation:
- Inst. part. (art. 185 &187)
- Co-programmed
- Co-funded
Missions

- Continuing interactions with SPC and missions sub-groups – from Sept 2019
- Meetings of Mission Boards (incl. three meetings of the Mission Board Chairs) – from Sept 2019
- Mission Boards reports (outlining proposed missions) – 25 June 2020
- Refining the proposed missions, co-design sessions with citizens – May to Sept 2020
- Missions events at R&I Days (incl. missions hub) 22-24 Sept + handover of Mission Boards advice on missions to the Commission

[Adoption of the Strategic Plan incl. missions – end 2020]
- Commission Communication on missions –end 2020
- Further refinement of Mission Board reports (new deliverable) by end 2020
**Useful links**

Horizon Europe “package” almost ready

- EIT - European Institute of Innovation and Technology
Kiitos!

www.horisontti2020.fi