Upcoming policy developments

ERIC Forum Annual Meeting
26, 27 January 2022

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ERA Policy Agenda: Redesigning ERA governance

26 November 2021
Council Recommendation on a "Pact for Research and Innovation in Europe"

Council conclusions on the new ERA governance & the first ERA policy Agenda (2022-2024)

New ERA shaped by

Pact for R&I

Setting out the fundamental R&I values and principles for the new ERA, the priority areas for ERA actions and the policy coordination mechanisms.

ERA Governance

Responding to new ERA strategic objectives. Ensuring prioritized policy initiatives and translation into action through better coordination and engagement at all levels.

ERA Policy Agenda

Designed to contribute to the priority areas from the Pact for R&I, setting out the voluntary **ERA actions** which are defined and coordinated at Union level in order to attain agreed outcomes.

Council: political steering
ERAC: high-level strategic body, providing advice on policy orientation and new needs
ERA Forum (& sub-groups): policy coordination and reinforced implementation of ERA (co-design of initiatives, involvement of stakeholders and criteria for actions)

The ERA actions are identified to ensure **impact**, **credibility** and **effectiveness** of the new ERA, and their actual implementation aim at fulfilling **Relevance**, **Viability** and **Commitment**

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ERA Policy Agenda: Actions (1)

Deepening a truly functioning internal market for knowledge

1. Enable the open sharing of knowledge and the re-use of research outputs, including through the development of the European Open Science Cloud (EOSC)

2. Propose a EU copyright and data legislative and regulatory framework fit for research

3. Advance towards the reform of the Assessment System for research, researchers and institutions to improve their quality, performance and impact

4. Promote attractive and sustainable research careers, balanced talent circulation and international, transdisciplinary and inter-sectoral mobility across the ERA

5. Promote gender equality and foster inclusiveness, taking note of the Ljubljana declaration

6. Deepening the ERA through protecting academic freedom in Europe

7. Upgrade EU guidance for a better knowledge valorisation

8. **Strengthen sustainability, accessibility and resilience of research infrastructures in the ERA**

9. Promote a positive environment and level playing field for international cooperation based on reciprocity

Taking up together the green transition and digital transformation and other challenges with impact on society, and increasing society's participation in the ERA

10. Make EU R&I missions and partnerships key contributors to the ERA

11. An ERA for green transformation

12. Accelerate the green/digital transition of Europe's key industrial ecosystems

13. Empower Higher Education Institutions to develop in line with the ERA, and in synergy with the European Education Area

14. Bring Science closer to Citizens

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ERA Policy Agenda: Actions (2)

Amplifying access to research and innovation excellence across the Union

15. Build-up regional and national R&I ecosystems to improve regional/national excellence and competitiveness

16. Improve EU-wide access to excellence

17. Enhance the strategic capacity of Europe's public research performing organisations

Advancing concerted research and innovation investments and reforms

18. Facilitate a national process or ERA policy vehicle preparation for identification of running or planned measures contributing to the implementation of ERA

19. Establish an efficient and effective ERA monitoring mechanism

20. Support to the prioritisation, coordination and direction of R&I investments and reforms

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ERA Policy Agenda: Research Infrastructures (1)

Deepening a truly functioning internal market for knowledge

Action 8 – Strengthen sustainability, accessibility and resilience of research infrastructures in the ERA

Set of foreseen activities

- Strategic analysis of the European Research Infrastructure landscape;

- Broader and more sustainable access for all countries to European research infrastructures and their services and revision of the European Charter of Access to Research Infrastructures;

- Update of the ESFRI Roadmap and implementation of the research infrastructures performance monitoring framework;

- Report on the ERIC Framework;

- Increased cooperation between research infrastructures, e-infrastructures and stakeholders, including through EOSC;

ERA Policy Agenda: Research Infrastructures (2)

Challenges to be addressed

Ensuring new investments and sustainable funding for existing research infrastructures

Equal access to services provided by European research infrastructures

Increasing the impact of research infrastructures investments on economy and society

A more targeted priority setting focused on scientific and political needs

These challenges are also ackowledged by ESFRI in the Strategy Report of the Roadmap 2021

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Next Steps

Adoption on 26 November

- Pact for R&I
- Council conclusions on new ERA governance + ERA Policy Agenda as annex

Establishment of the new ERA Forum (EC Decision in Dec.)

- Co-design and coordinate the implementation of the ERA actions, prepare future updates of the ERA Policy Agenda and analyse its implementation

Set-up of monitoring

- Including a scoreboard, online policy platform and regular (2022)

Explanatory documents on ERA actions

- Member States will then choose the actions, in which they participate (1st semester 2022)

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Implementation of the ERIC Regulation (1)

Report on the ERIC Legal Framework: Council Conclusions of Nov. 2018 'ERIC implementation report by 2022' and ERA Policy Agenda **Action 8** – Strengthen sustainability, accessibility and resilience of research infrastructures in the ERA

- Assessment of the implementation of the ERIC Regulation by the Commission **Expert Group** chaired by Carlo Rizzuto (published in October 2021) – Basis for **consultation process** initiated in 2021:

  - ERIC workshop (September), ERIC Committee exchange of views (October), ESFRI Forum (December)

  - broader discussions on research infrastructures (New ERA Conference, ESFRI Roadmap Launch event)

- **Consultation and engagement of stakeholders** continue in 2022:

  - ERIC Committee is asked to provide written input based on a structured template

  - ERIC Forum invited to contribute (same structured template)

  - Commission will explore the development of an 'ERIC system' architecture and a services-driven approach for a more effective contribution to broader Horizon Europe priorities, including the Missions

Presentation of the ESFRI Roadmap at the Competitiveness Council, 26 November

- The **ESFRI Roadmap 2021** was presented by the Commissioner to the **COMPET Council** on 26 November

- In its Conclusions the Council formally **endorsed** the ESFRI Roadmap 2021

- ESFRI Roadmap includes 63 European RIs (total investment > €24 billion). Important **to use all available sources of funding** to make all new facilities a reality while ensuring sustainability and excellence of the existing ones.

- Need to **strengthen and exploit RIs services** for supporting common EU policy priorities and increasing their benefits for society and economy, including innovation.

- **Ensure inclusive and sustainable access** to all RIs, their data and services for the researchers, industry and the society alike.

- The maturity of the European RI landscape calls for **a more targeted approach to selecting new priorities**, focused on user needs, based on a comprehensive gap analysis with regards to the already available capacities and services, main scientific developments and key societal challenges.

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Upcoming RI events

ESFRI-EOSC Workshop	"ESFRI Days" hosted by the FR Presidency	ICRI 2022 hosted by the CZ Presidency
25-26 Jan. 2022 Workshop of the ESFRI-EOSC Task Force 'What does EOSC bring to RI users?'	23-25 March 2022 - 79th ESFRI Forum - 1st ESFRI Stakeholder Forum - 20th ESFRI Anniversary Conference	19-21 Oct. 2022 5th ICRI Conference, Brno Video invitation at www.icri2022.cz

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Five EU Missions

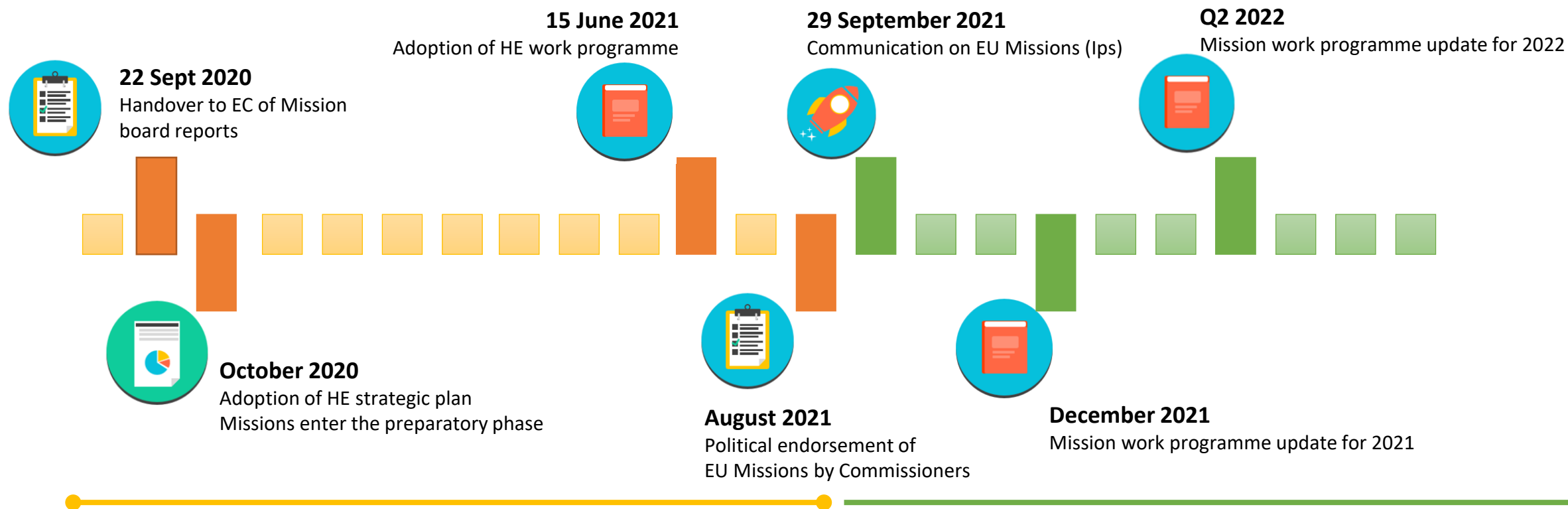Adaptation to Climate Change

Cancer

Climate-neutral and Smart Cities

Restore our Ocean and Waters

Soil Deal for Europe

Timeline

15 June 2021
Adoption of HE work programme

29 September 2021
Communication on EU Missions (Ips)

Q2 2022
Mission work programme update for 2022

22 Sept 2020
Handover to EC of Mission board reports

October 2020
Adoption of HE strategic plan
Missions enter the preparatory phase

August 2021
Political endorsement of
EU Missions by Commissioners

December 2021
Mission work programme update for 2021

Missions' preparatory phase:
Preparation of solid implementation plans
Preparatory actions in the WP to lay foundation for missions' implementation

Missions' implementation phase:
Two Missions work programme amendments (Q4 2021, Q2 2022) to start missions implementation on the ground.

New Calls: Missions' boards and Horizon Europe

Call for new Mission Boards members:
to help inspire citizens and advise on the implementation plans
Application online

Published	Deadline
5 January 2022	2 February 2022 (17h00 CET)

Missions' implementation phase

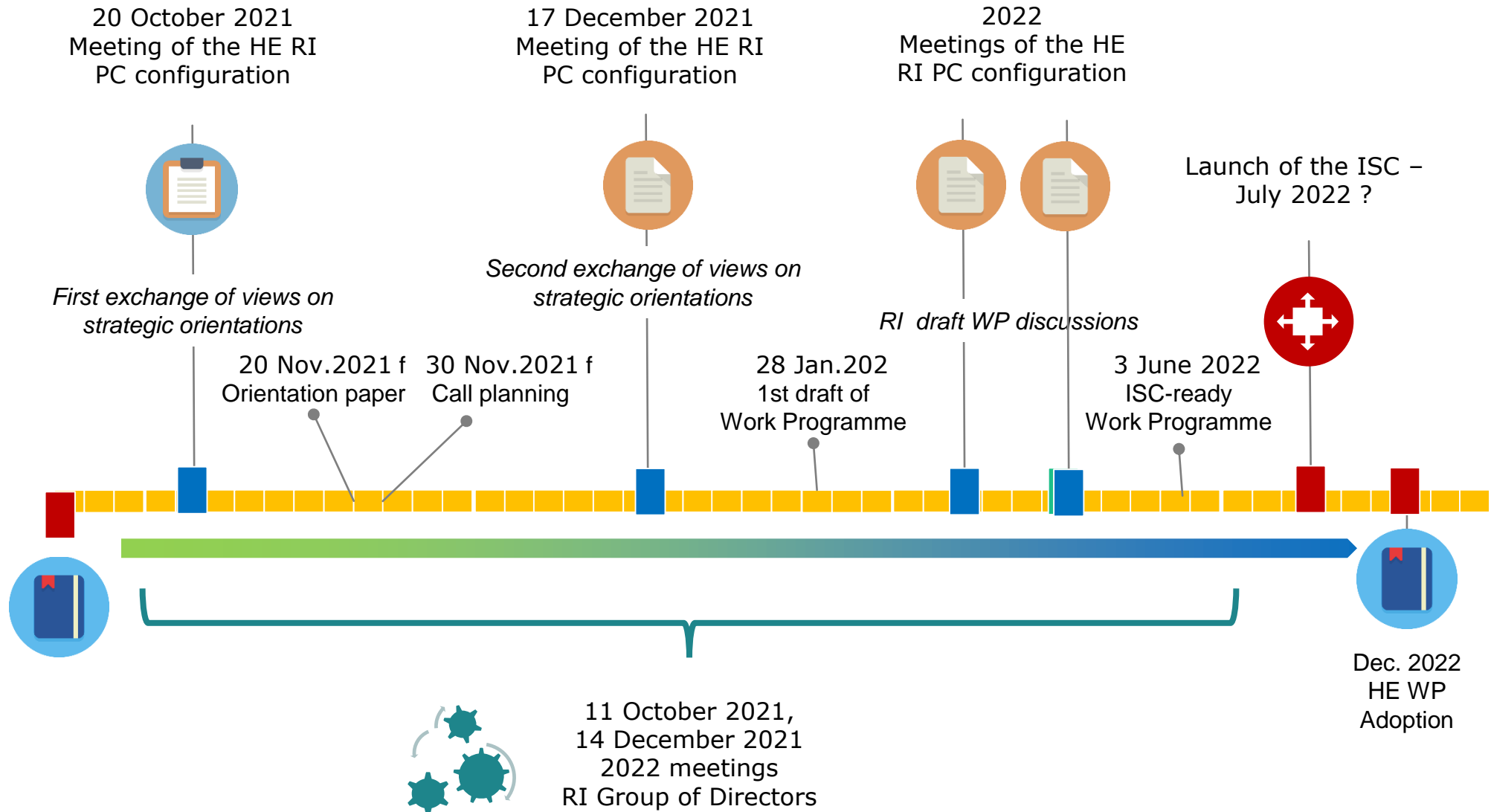Work Programme for 2021-2022: total budget increased to €15.4 billion (i.e. plus €723 million)

Missions	Next Horizon Europe deadlines
Soil	24 March 2022
Climate	12 April 2022
Ocean	12 April 2022
Cancer	26 April 2022
Cities	26 April 2022

RIs in Horizon Europe – Five destinations

- ➢ **INFRADEV :**   Developing, consolidating and optimising European RIs landscape, maintaining global leadership

- ➢ **INFRAEOSC :**   Enabling an operational, open and FAIR EOSC ecosystem

- ➢ **INFRASERV :**   RI services to support health research, accelerate the green and digital transformation, and advance frontier knowledge

- ➢ **INFRATECH :**   Next generation of scientific instruments, tools and methods and advanced digital solutions

- ➢ **INFRANET :**   Network connectivity - enabler for collaboration without boundaries

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Towards the RI Work Programme 2023-2024
TIMELINE

20 October 2021
Meeting of the HE RI
PC configuration

17 December 2021
Meeting of the HE RI
PC configuration

2022
Meetings of the HE
RI PC configuration

Launch of the ISC –
July 2022 ?

*First exchange of views on
strategic orientations*

*Second exchange of views on
strategic orientations*

RI draft WP discussions

20 Nov.2021 f
Orientation paper

30 Nov.2021 f
Call planning

28 Jan.202
1st draft of
Work Programme

3 June 2022
ISC-ready
Work Programme

11 October 2021,
14 December 2021
2022 meetings
RI Group of Directors

Dec. 2022
HE WP
Adoption

Thank you!

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