

ESFRI Roadmap and Strategic Actions for Data Sovereignty

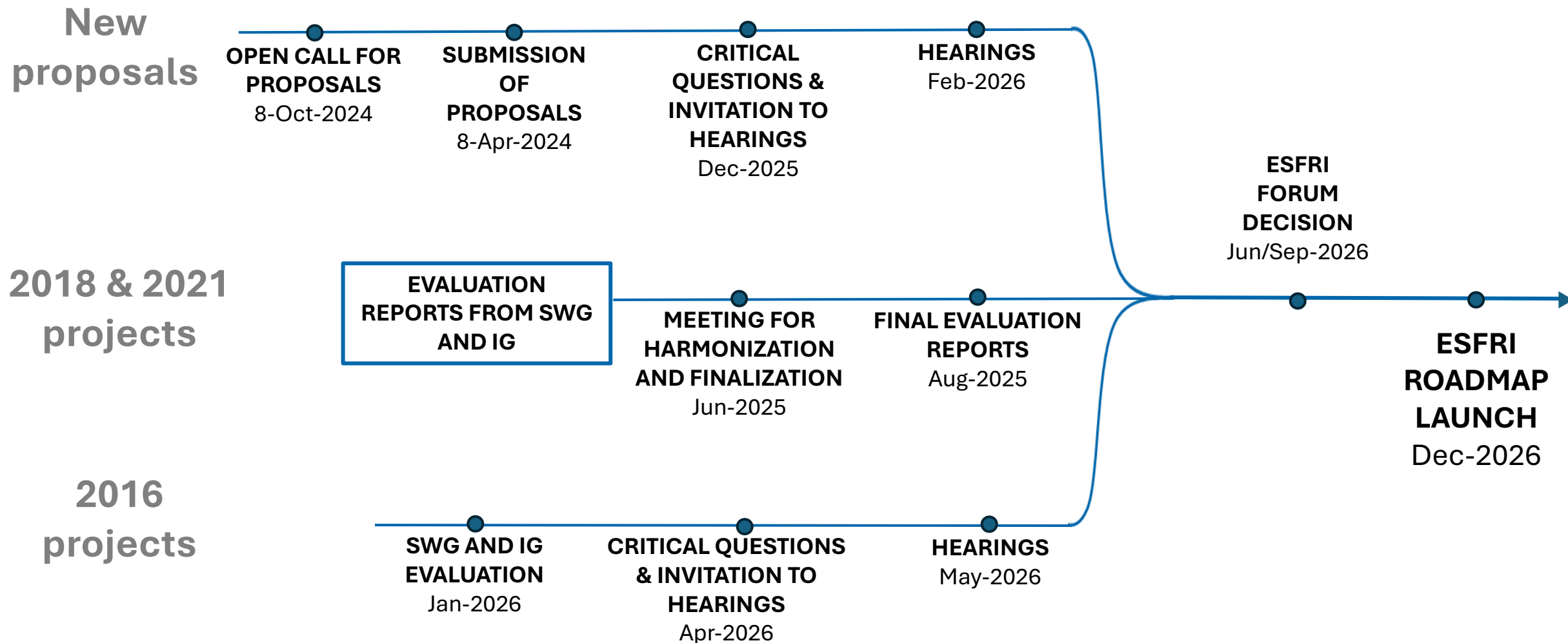
José Luis Martínez
ESFRI Chair

Agenda

- ESFRI's latest news
 - Roadmap timeline
 - Key documents
- European Sovereignty over databases

ESFRI's latest news

ESFRI's latest news: roadmap timeline



ESFRI's latest news: key documents

Published

ESFRI Position Paper on Framework Program 10

Published: 10 December 2024

RIs should be considered not only as a cross-cutting element of the FP10 but of the entire EU endeavour. Thus, in line with ESFR's mandate, this paper presents our view on some of the strategic aspects that FP10 should include.

ESFRI Report: Funding of Research Infrastructures

Published: 30 January 2025

The report compiles responses from 54 RIs across 19 Member States issued by ESFRI in 2023, addressing the call for detailed, country-specific information.

Position Paper by ESFRI on The European Innovation Act

Published: 7 November 2025

This position paper outlines ESFRI's views on key aspects of the EIA, focusing on ensuring that the opportunities that European RIs present for European competitiveness and technology development are adequately reflected in the EIA.

ESFRI's latest news: key documents

In development

Opinion paper on the ERA Act

This position paper sets out ESFRI's perspectives on key elements of the upcoming ERA Act that can address challenges and enable the realization of the fifth freedom for Europe's research and innovation ecosystem.

ESFR's priority actions for the future of ESFRI

- Connect with experts from the broader RI ecosystem, including digital and technological infrastructures.
- Update ESFRI's White Paper
- Roadmap
- Monitoring
- Strengthen relationship with ERIC Forum and ERA Forum

European Sovereignty over Databases

Sovereignty over Databases

Dependence on external hosting



Current Situation

Numerous European research databases are physically hosted outside the EU.



Data Sovereignty

Europe is now reassessing the long-term risks linked to external control over critical scientific data.



European Response

The EU has mobilized rapidly to address this, exploring repatriation strategies for critical research data.

Sovereignty over Databases

Ongoing work

ERIC Forum White Paper

Many foundational datasets – particularly in the fields of health, environment, and public policy – are facing unprecedented disruptions, removals, and loss of institutional continuity.

This white paper, highlights the **importance of data and open access** and examines the **scientific data at risk**. Discusses the need and ways forward for **data prioritization**. Proposes globally coordinated effort to recognize **scientific data as critical infrastructure**.



Sovereignty over Databases

Ongoing work

Critical Issues Being Addressed

- Data Access Security
- Added value of multi-domain
- Benefits of open data and open access
- Research Security to protect Europe's own assets and ensure reciprocity
- AI Risks: Bias, Trust, and Data Integrity
- Sovereignty is not isolation



European Strategy Forum
on Research Infrastructures

Thank you for the attention!



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Questions and Answers

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