



EU policies and their impact on ATMP Research & Development

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REGULATION



FUNDING

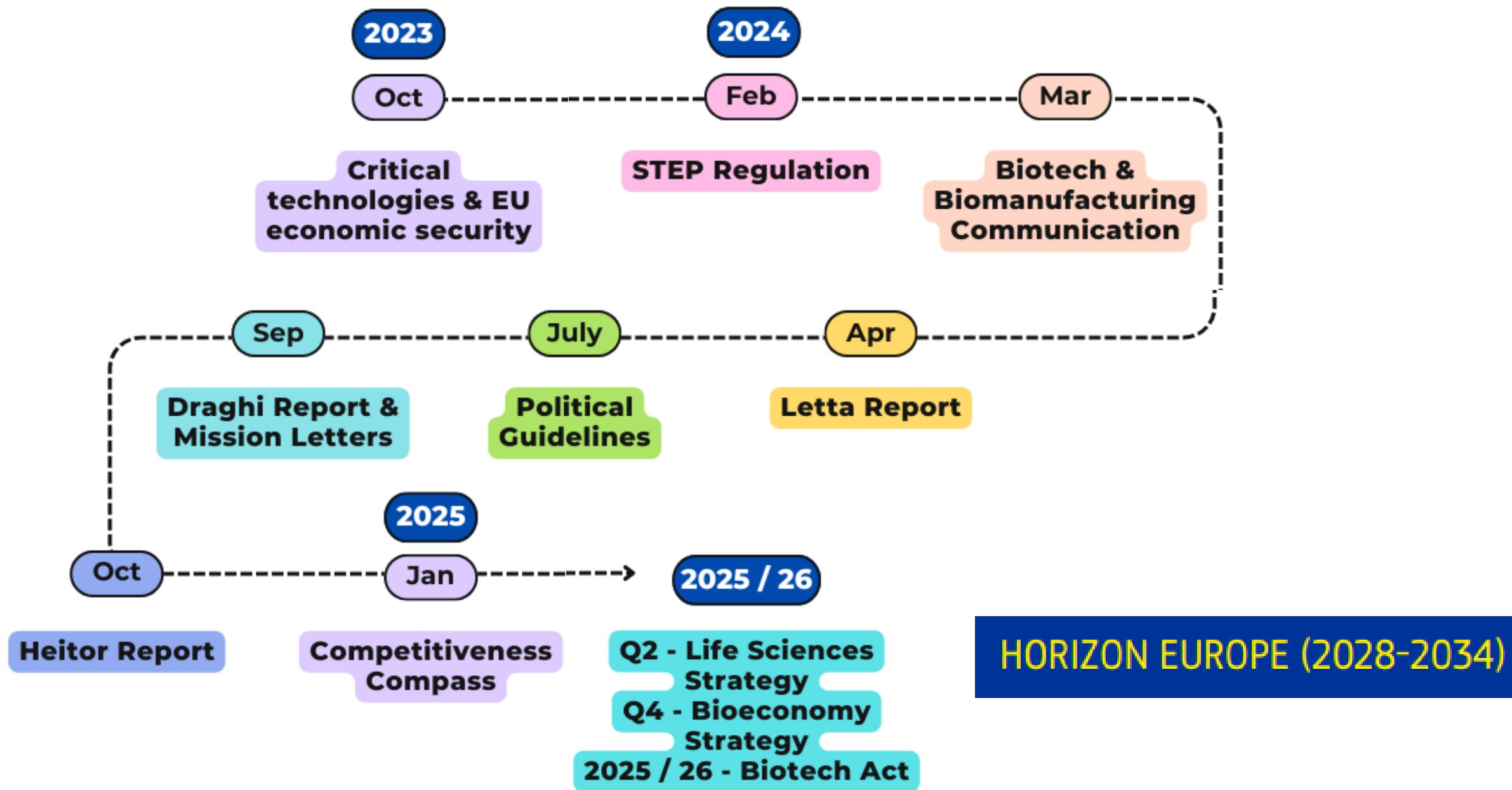
**EUROPEAN
COMMISSION**



**STRATEGIES /
POLICIES**



**EXTERNAL /
INTERNATIONAL
AGREEMENTS**



2024

Strategic Technologies for Europe Platform

- **Regulation** entered into force on 1 March 2024
- **A pilot for a new Competitiveness Fund** as announced by Commission President
- **Not a new fund:** pooling funding from 11 EU existing programmes towards critical technologies in strategic sectors for EU competitiveness (cleantech, digital, biotech)
- **Horizon Europe:** possibility for EIC to provide higher equity-only support to non-bankable SMEs, including start-ups, and non-bankable small mid-caps, carrying out innovation, in particular to those working on the technologies supported by the STEP
- **Efficient:** use of existing networks/processes
- **STEP Seal** awarded to proposals above threshold to facilitate alternative/cumulative funding from other sources



Strategic Technologies for Europe Platform

Home

About

Get funding

For project promoters

For Managing Authorities

For investors

Be inspired

News and Events

Keep an eye on new STEP calls

Latest updates: National calls are out in Germany, Italy, Poland, Romania and Slovakia; EU calls are open to apply under European Defence Fund, Horizon Europe and Digital Europe Programme

Explore the 'Get Funding' dashboard >





- The Communication summarises the current challenges and barriers for biotechnology and biomanufacturing
- It proposes many actions (>20) to address each of these challenges in a timely manner, in line with the Communication on the Long-term competitiveness of the EU
- One action was the Biotech and Biomanufacturing Hub, provides tools and resources to help you succeed in the biotech and biomanufacturing sector:

[Biotech and biomanufacturing - Your Europe](#)

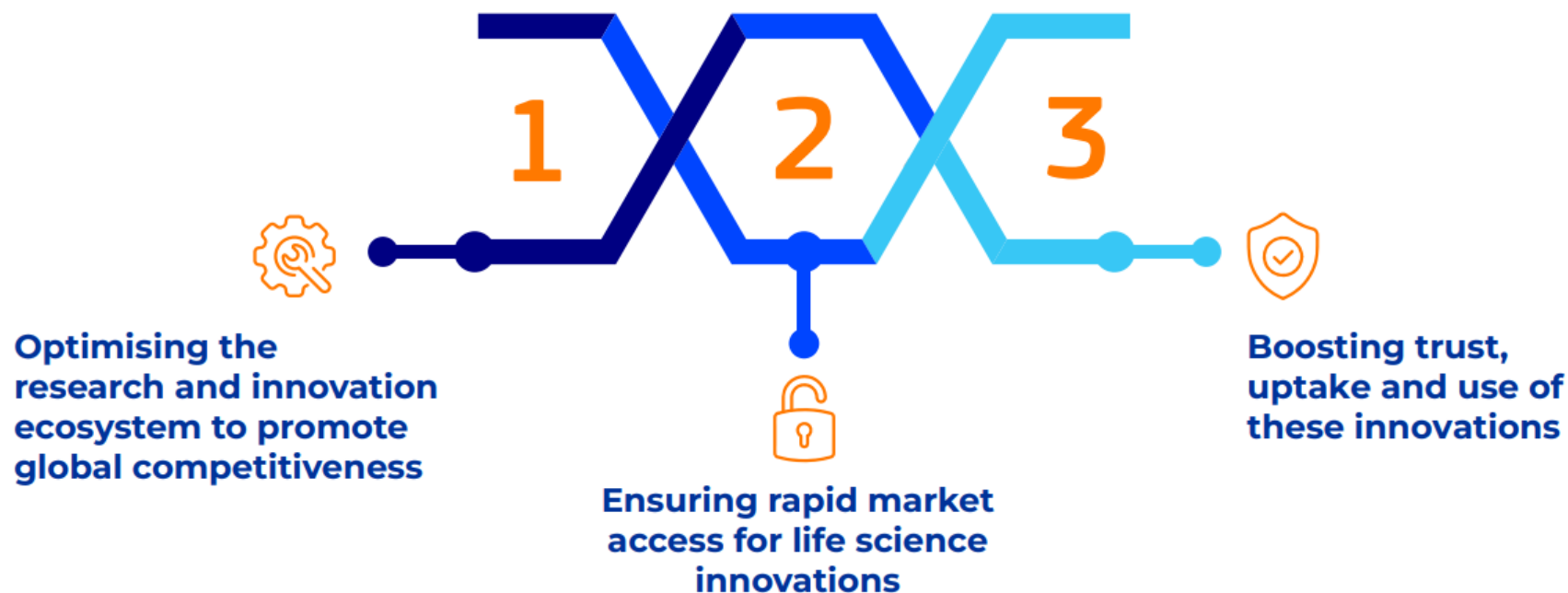


A new strategy for European life sciences



Objective: to position the EU as the world's most attractive place for life sciences by 2030

3-phase approach to drive life science innovation:





Optimising the R&I ecosystem
for a globally competitive life
science sector



2030

Reinforcing European R&I

- Clinical Research Investment Plan
- Network of ATMP Centres of Excellence
- Monitor the implementation of the Clinical Trials Regulation
- Pilot on stepwise collaborative research funding for health innovations

Promoting a holistic approach to the life sciences

- One Health approaches in research and innovation
- One Health Microbiome Initiative
- Climate Change and Health R&I Agenda



Optimising the R&I ecosystem
for a globally competitive life
science sector



2030

Unlocking the power of data and AI for breakthrough innovation

- European Life Sciences R&I Data Assembly
- Support for strategic biodata resources
- Invest in multi-modal generative AI technologies in biomedical research
- Boost the European genomic data infrastructure

Life sciences as a driver for industrial sustainability

- Development and uptake of New Approach Methodologies (NAMs)
- Virtual Human Twins Incubator

Strengthening skills and careers for competitive European life sciences

- Life Sciences career development through Choose Europe



Ensuring smooth and
rapid market access for
life science innovations

2030

Promoting innovation-responsive regulation

- EU Biotech Act
- Regulatory simplification for medical devices and in vitro diagnostics
- AI-powered interactive tool on the EU regulatory landscape

Unlocking public and private investment

- Life Sciences Investors & Corporates Interface



Boosting the trust, uptake
and use of life science
innovation

2030

Using public procurement to foster the uptake of innovation

- Support for procurement of life science innovation

Building public trust and outreach

- Repository of tools in responsible R&I, risk and science communication, and pilot community engagement actions

EU Startup and Scaleup Strategy making Europe a startup powerhouse

The EU Startup and Scaleup Strategy aims to make Europe a great place to launch and grow global technology-driven, innovative companies.

The Strategy builds on the **huge potential** of Europe's internal market and will enable innovative companies to **scale in the EU and compete in the global market**.

EUROPE'S BUDGET

HORIZON EUROPE (2028-2034)

JULY 2025

EUROPEAN STRATEGY ON RESEARCH AND TECHNOLOGY INFRASTRUCTURES

Choose
Europe



'Beyond 2027... the New Horizon Europe proposal



¹ Consistent with activities under the European Competitiveness Fund

Pillar I – Excellent Science

Pillar I aims to strengthen the EU's scientific base, attract top talents and promote excellent research in Europe.

Indicative budget: **EUR 44.1 billion**



Pillar II – Competitiveness and Society

Pillar II aims to support collaborative research and innovation in areas of high societal impact.

Indicative budget : **EUR 75.9 billion**, of which:

- EUR 68.3 billion for ‘Competitiveness’:
 - EUR 25.3 billion for ‘Clean Transition and Industrial Decarbonisation’
 - EUR 19.7 billion for ‘Health, Biotech, Agriculture and Bioeconomy’
 - EUR 16.9 billion for ‘Digital Leadership’
 - EUR 6.4 billion for ‘Resilience and Security, Defence Industry and Space’
- EUR 7.6 billion for ‘Society’



Pillar III - Innovation

Pillar III aims to support innovation in Europe, with a focus on promoting the development of new products, services and business models. The EIC will be expanded to fund high-risk disruptive projects in stages and will introduce a strong focus for defence and dual-use startups.

Indicative budget : **EUR 38.8 billion**



Pillar IV - European Research Area (ERA)

Pillar IV aims to support the development of a unified ERA with a focus on promoting excellence, inclusiveness and impact. It also supports the development and operation of research and technology infrastructures.

Indicative budget: **EUR 16.2 billion**, of which

- EUR 5.4 billion for 'Widening Participation and Spreading Excellence'



Moonshots concept

- ✓ ambitious technology driven projects that boost the EU's strategic autonomy through research, development and deployment
- ✓ supported by pooled funding from EU (Horizon Europe and the European Competitiveness Fund), national, public, and private sources.
- ✓ Designed to position Europe as a global leader in strategic fields, these moonshot projects would drive progress

Moonshots possible areas



Regenerative
Therapies

What: Deliver breakthrough therapies to improve people's health and lives.

How: Harness Europe's scientific strengths to treat incurable diseases and personalise medicine.



Automated Transport
and Mobility



Fusion
Energy



Space
Economy



Zero Water
Pollution



Ocean
Observation



Future Circular Collider



Clean Aviation



Quantum Computing



Next Generation AI



Data Sovereignty

COMPETITIVENESS COMPASS



How:

- Facilitate the establishment of start-ups and conditions for scaling up
- Create a deeper and efficient venture capital market
- Ease mobility and retention of talent
- Invest in state-of-the-art infrastructures
- Boost innovation and research



Flagship Actions Pillar 1

- Start-up and Scale-up Strategy
- 28th regime
- European Innovation Act
- European Research Area Act
- AI Factories Initiative, Apply AI, AI in Science, and Data Union Strategies
- EU Cloud and AI Development Act
- EU Quantum Strategy and a Quantum Act
- European Biotech Act and Bioeconomy Strategy
- Life Sciences Strategy
- Advanced Materials Act

Horizon Europe: Pillar 2- Health (Cluster 1)

WP 21-24: more than 225 million to ATMP collaborative research projects

WP25:

HORIZON-HLTH-2025-01-TOOL-01: Enhancing cell therapies with genomic techniques (50 million)

HORIZON-HLTH-2025-01-TOOL-02: Advancing cell secretome-based therapies (40 million)

HORIZON-HLTH-2025-01-TOOL-05: Boosting the translation of biotech research into innovative health therapies (80 million)*

HORIZON-HLTH-2025-01-IND-01: Optimising the manufacturing of Advanced Therapy Medicinal Products (ATMPs) (40 million)

WP26-27: pre-published drafts are available. [Comitology Register](#)

Useful links

[EU Funding & Tenders Portal](#)

[Gateway to EU funding opportunities for strategic technologies](#)

[Calls for proposals - European Health and Digital Executive Agency \(HaDEA\)](#)

Horizon Europe WP26/27: pre-published drafts are available via [Comitology Register](#)

[News alerts - Research and innovation - European Commission](#)

[Horizon Europe info days - Research and innovation - European Commission](#)

[Biotech Act](#)- public consultation open till 10th of Nov.

Thank you



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