



POLITECNICO
MILANO 1863

Towards FP10

25.09.2024 | Prof Francesca Rizzo

Relevant initiatives under Horizon Europe 2025- 2027 (to continue in FP10)

- Joint undertaking on QUANTUM computing infrastructure
- New partnerships launched (2025-2032, EU budget)
- Societal Readiness Pilot under Cluster 5
- STEP pilot call under EIC
- WP programme 2025 official release March (2025)
- PILLAR 1 continue the support to research infrastructure



PILLAR II – Global challenges & European industrial competitiveness

PILLAR III – Innovative Europe

CLUSTER 1: Healthv	CLUSTER 2: Culture, Creativity, Inclusive Societies	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bio-economy, Agriculture, Env...	EUROPEAN INNOVATION ECOSYSTEMS
Innovative Health Initiative	Resilient Cultural Heritage	Chips (formerly KDT)	Clean Hydrogen	Circular Bio-based Europe	Innovative SME
Global Health Partnership	Social Transformations and Resilience	Smart Networks & Services	Clean Aviation	R&I in the Mediterranean Area (PRIMA, Art. 185)**	
Transformation of health systems		High Performance Computing	Single European Sky ATM Research 3	Biodiversa+	EIT
Chemicals risk assessment		European Metrology (Art. 185)	Europe's Rail	Climate Neutral, Sustainable & Productive Blue Economy	InnoEnergy
ERA for Health		AI-Data-Robotics	Connected and Automated Mobility	Water4AI	Climate KIC
Rare diseases*		Photonics	Batt4EU	Animal Health & Welfare	Digital
One-Health Anti Microbial Resistance*		Made in Europe	Zero-emission waterborne transport	Accelerating Farming Systems Transitions	Food
Personalised Medicine		Clean steel – low-carbon steelmaking	Zero-emission road transport	Forests and Forestry for a sustainable Future	Health
Pandemic Preparedness*		Processes4Planet	Built4People	Safe & Sustainable Food System	Raw Materials
Brain Health		Global competitive space systems*	Solar Photovoltaics	Agriculture of Data*	Manufacturing
		Innovative Materials for EU (I AM for EU)	Driving Urban Transitions		Water, Marine and Maritime Sectors and Ecosystem*
	Virtual Worlds	Clean Energy Transition			
	Textiles of the Future				
	Raw Materials for the Green and Digital Transition				

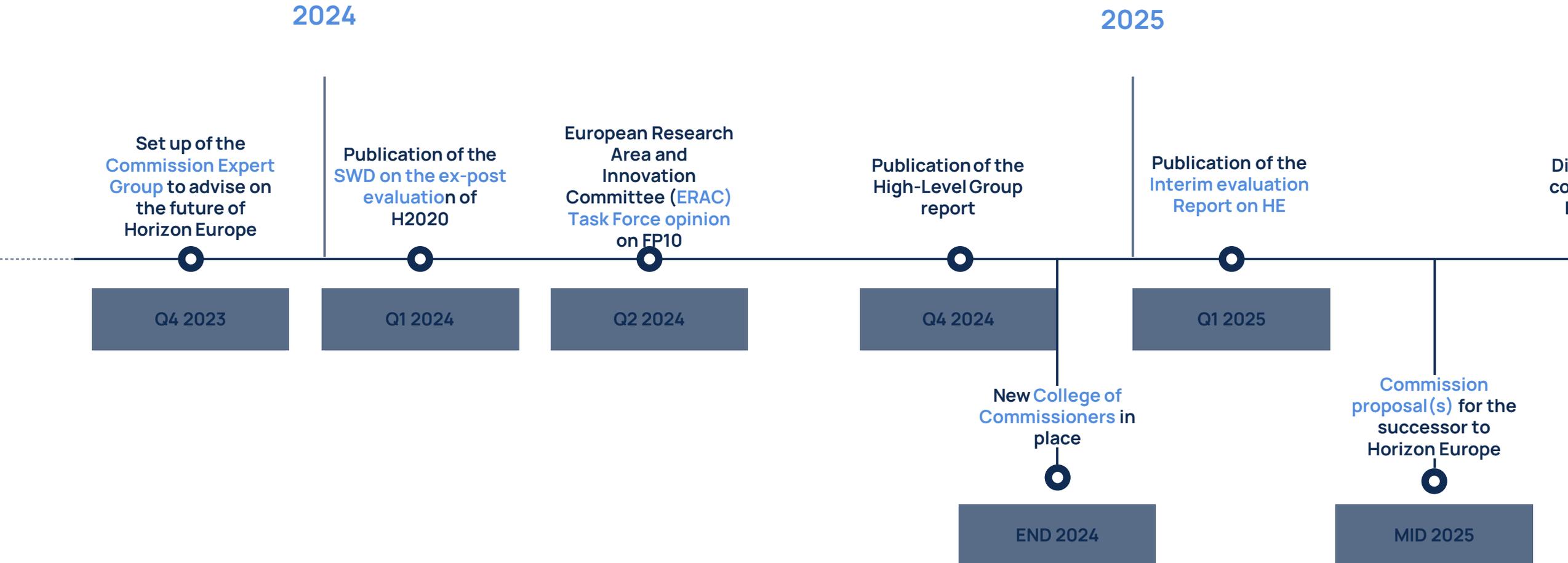
- Institutionalised Partnerships (Art 185/7)
- Institutionalised partnerships / EIT KICs
- Co Programmed
- Co Funded
- Proposed new candidate European Partnerships under the Horizon Europe strategic plan 2025-2027

* Not yet launched
 ** Direct continuation of a H2020 partnership

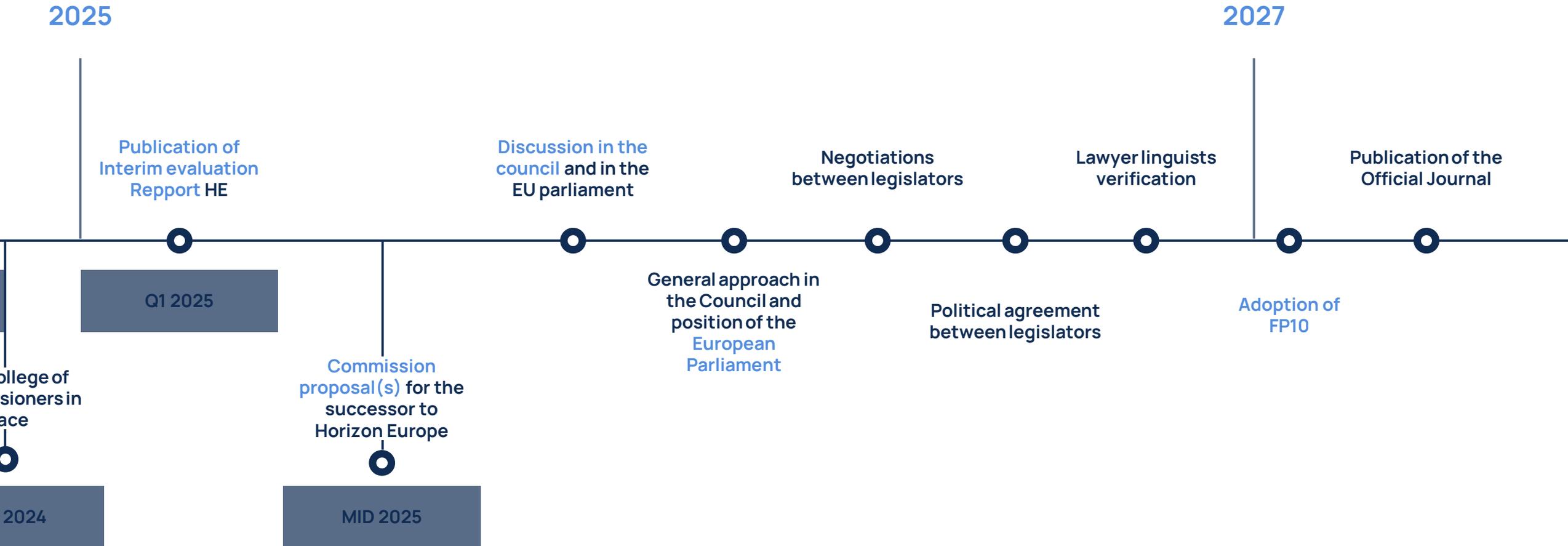


CROSS PILLARS I & II
 European Open Science Cloud

Evaluation and the impact assessment in the next MFF



Adoption of MFF



Areas of discussion for FP10

- EU - **strong position in advanced manufacturing and materials**, industrial R&D (automobile, information and communication technology, and in health sectors).
- EU - should **reduce dependencies** in AI, big data, cloud computing, cybersecurity, secure communications, robotics and micro-electronics.
- **Reinforcement** of ERC and PILLAR 1/Research infrastructures.
- **Reform** of EIT (possible integration with EIC)
- **Research Infrastructures** to become transversal to all the PILLAR of the new program
- Reflection on a dedicated **Work Programme** for dual use research.
- Reinforcement and expansion of the program to the wide countries (ERA- European Research Area/Science diplomacy).
- **Knowledge Valorization** (EIC/ Technological Transfer and Infrastructure)
- Enhancing **research security** →

Thank you

Francesca Rizzo