

Basic information	
<p>2025/0229(NLE)</p> <p>NLE - Non-legislative enactments Regulation</p>	Awaiting final decision
<p>European High Performance Computing Joint Undertaking (EuroHPC)</p> <p>Repealing Regulation 2018/1488 2018/0003(NLE) Amending Regulation 2021/1173 2020/0260(NLE)</p> <p>Subject</p> <p>3.30.06 Information and communication technologies, digital technologies 3.30.07 Cybersecurity, cyberspace policy 8.40.08 Agencies and bodies of the EU</p>	

Key players			
European Parliament	Committee responsible	Rapporteur	Appointed
	ITRE Industry, Research and Energy	Chair on behalf of committee BUDKA Borys (EPP)	17/10/2025
		Shadow rapporteur EHLER Christian (EPP) ECKE Matthias (S&D) DISDIER Mélanie (Pfe) KRUTÍLEK Ondřej (ECR) MCNAMARA Michael (Renew) LAGODINSKY Sergey (Greens/EFA) SMITH Anthony (The Left)	
	Committee for budgetary assessment	Rapporteur for budgetary assessment	Appointed
	BUDG Budgets	The committee decided not to give an opinion.	
Council of the European Union			
European Commission	Commission DG	Commissioner	
	Communications Networks, Content and Technology	VIRKKUNEN Henna	

Key events			
Date	Event	Reference	Summary
15/07/2025	Legislative proposal published	COM(2025)0414 	
06/10/2025	Committee referral announced in Parliament		
20/11/2025	Vote in committee		
26/11/2025	Committee report tabled for plenary, 1st reading/single reading	A10-0241/2025	
17/12/2025	Decision by Parliament	T10-0333/2025	Summary
17/12/2025	Results of vote in Parliament		

Technical information	
Procedure reference	2025/0229(NLE)
Procedure type	NLE - Non-legislative enactments
Procedure subtype	Consultation of Parliament
Legislative instrument	Regulation
Amendments and repeals	Repealing Regulation 2018/1488 2018/0003(NLE) Amending Regulation 2021/1173 2020/0260(NLE)
Legal basis	Rules of Procedure EP 58 Treaty on the Functioning of the European Union TFEU 187 Treaty on the Functioning of the European Union TFEU 188 -a1
Other legal basis	Rules of Procedure EP 165
Stage reached in procedure	Awaiting final decision
Committee dossier	ITRE/10/03570

Documentation gateway				
European Parliament				
Document type	Committee	Reference	Date	Summary
Amendments tabled in committee		PE779.386	29/10/2025	
Committee report tabled for plenary, 1st reading/single reading		A10-0241/2025	26/11/2025	
Text adopted by Parliament, 1st reading/single reading		T10-0333/2025	17/12/2025	Summary
European Commission				
Document type	Reference	Date	Summary	
Legislative proposal	COM(2025)0414 	15/07/2025		

Other institutions and bodies

Institution/body	Document type	Reference	Date	Summary
EESC	Economic and Social Committee: opinion, report	CES2965/2025	18/09/2025	

Additional information

Source	Document	Date
European Commission	EUR-Lex	

European High Performance Computing Joint Undertaking (EuroHPC)

2025/0229(NLE) - 17/12/2025 - Text adopted by Parliament, 1st reading/single reading

The European Parliament adopted by 604 votes to 37, with 18 abstentions, a legislative resolution on the proposal for a Council regulation on amending Council Regulation (EU) 2021/1173 of 13 July 2021 on establishing the European High Performance Computing Joint Undertaking and repealing Regulation (EU) 2018/1488.

Parliament approved the Commission proposal as amended:

Definitions

The amended text included the definition of the following terms:

- 'Artificial Intelligence Giga Factory' or 'AI Gigafactory' to mean a state-of-the-art large-scale facility, exceeding **100 000** advanced AI processors;
- 'AI Gigafactory Coordinator' will mean a legal entity, duly incorporated in the Union and validly existing under the laws of a Member State of establishment, not subject to jurisdictional or financial conditionalities provided for in third-country law.

Mission and objectives

Parliament proposed that the joint undertaking also support the European quantum technology ecosystem, including the excellent scientific and applied research activities and the competitiveness of the emerging European quantum industry. When providing its support for the European quantum technologies ecosystem it shall duly recognise the different levels of maturity of the different quantum technology fields as well as the legacy of the Quantum Flagship.

European quantum activities

Quantum activities should receive **sufficient funding** within the framework of the Joint Undertaking. In this regard, it is proposed that a dedicated and ring-fenced part of the Union's additional contribution to the Joint Undertaking (EUR 160 000 000) be dedicated exclusively to research and innovation activities in the field of quantum technologies. No transfer between this strictly dedicated budget and the budget available for activities related to high-performance computing and AI would be permitted. Member States should be able to increase their contribution to the Joint Undertaking to support research and innovation activities in the field of quantum technologies.

Pillars of activity

The 'AI gigafactory' pillar should:

- provide a world-class Artificial Intelligence compute infrastructure for European researchers, entrepreneurs, and industries, ensuring that access to computing resources is facilitated for SMEs and mid-caps;
- ensure the Union's competitiveness and sovereignty as an Artificial Intelligence continent.

Artificial Intelligence Giga Factory

The Joint Undertaking should ensure that all AI Gigafactories comply with Unionwide interoperability, cybersecurity and data-protection standards, creating a secure and trusted computing ecosystem. Participation in an AI Gigafactory Consortium of legal entities from non-Participating States should not be permitted. However, in duly justified cases, the Commission may assess, on a case-by-case basis, that such participation is not considered contrary to the Union's strategic assets, interests, autonomy or security.

When the governing board determines the conditions of the Union's access time, it should ensure that this access:

- include reserved compute resources specifically for EU-funded research projects and small companies and entities operating under the open science principle, ensuring guaranteed availability and scheduling priority;

- be granted as a priority and be accompanied by support measures for SMEs, start-ups, micro-enterprises and research organisations, including those in non-for-profit or pre-competitive research, developing applications with high societal or industrial impact on the Union.

Infrastructure

Since the large-scale deployment of high-performance computing systems and large-capacity AI infrastructures entails significant energy, water and other resource consumption, such infrastructures should be designed and operated in line with the Union's climate-neutrality and energy-efficiency objectives, including renewable-energy sourcing, efficient cooling and waste-heat recovery.