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Delegations will find attached document COM(2025) 723 final.

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ANNEXES 1 to 3

ANNEXES

to the

**COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN
PARLIAMENT AND THE COUNCIL**

Apply AI Strategy

Annex 1: Summary table of the structured dialogues organised to inform the Strategy

Sectorial structured dialogues			
Sector(s)	Date	Type of stakeholders	Number of participants
Mobility, transport and automotive	05.02.2025	Open to all	Around 400
	11.04.2025	Open to all	Around 500
Agri-Food	27.03.2025	Open to all	Around 200
Energy	20.09.2024	Open to all	Around 280
	31.03.2025	Open to all	Around 250
Electronic communications	10.06.2025	Experts only	Around 25
Climate and environment	28.04.2025	Open to all	Around 180
Cultural and creative sectors	07.04.2025	Open to all	Around 100
	08.04.2025	Experts only	Around 30
Robotics	12.06.2025	Experts only	Around 30
Manufacturing	29.04.2025	Experts only	Around 15
	20.05.2025	Experts only	Around 10
Public sector	14.04.2025	Open to all	Around 800
Healthcare	28.03.2025	Open to all	Around 200
	05.06.2025	Experts only	Around 30
Pharmaceuticals	24.06.2025	Experts only	Around 25
Defence, security and space	02.04.2025	Experts only	Around 30
High-level political dialogues			
Public sector and healthcare	18.06.2025	CEOs and open to the public	Around 50
Mobility, Agri-Food, Energy, Healthcare, Pharmaceuticals, Electronic communications, Defence, Cultural and creative sectors	02.07.2025	CEOs and representatives of consumers and employees	Around 20

Annex 2: The Commission's own internal AI-related initiatives

Leading by example, the Commission has articulated the **AI@EC Communication**¹, defining various *organizational* and *operational* actions to ensure the internal development and deployment of lawful, safe, and trustworthy AI systems.

As part of its commitment, the Commission launched several initiatives aimed at advancing these goals:

1. **Development of internal operational guidelines:** The Commission has established comprehensive guidelines for staff using, developing, and procuring AI systems. Specific material covering the use of generative AI tools, data management, security, European High-Performance Computing and AI's environmental impact has been developed. The Commission also promotes open-source AI development in alignment with its open-source strategy through specific guidelines, and provides resources like FAQs on intellectual property and an AI guide for managers to foster the adoption of AI tools in daily work.
2. **Establishment of an internal register of AI systems and risk-based classification:** AI systems in use or in development are systematically classified based on a risk-driven methodology aligned with the AI Act, using the Commission's own operational guidelines. The results are tracked in an internal register for reporting and to ensure compliance with legal standards.
3. **Organizational structures:** The implementation of the AI@EC Communication actions is monitored by a new board, the Interservice Group on AI. Dedicated working groups are responsible for change management and communication strands.
4. **AI literacy:** Special AI related training programs aim to build an AI-skilled workforce, while knowledge sharing is encouraged through an AI portal acting as hub for knowledge, events, and news, an AI@EC Network acting as community of practice, and peer learning via the AI Champions network. Furthermore, an internal survey assesses the take-up and interest in AI tools to identify gaps and outstanding needs.

Examples of how the Commission is leading in AI tools adoption internally include:

- a dedicated **generative AI tool (GPT@EC)**, available to all staff and offering API access to provide AI capabilities to other systems. The code is set to have a first release as open source in 2026.
- **language tools** such as eTranslation² provide new capabilities thanks to new generative AI features, and are available for the public sector.

¹ https://commission.europa.eu/publications/artificial-intelligence-european-commission-aiec-communication_en#:~:text=The%20Communication%20outlines%20the%20strategic%20vision%20of%20the,of%20lawful%2C%20safe%20and%20trustworthy%20Artificial%20Intelligence%20systems.

² https://commission.europa.eu/resources/etranslation_en

Annex 3: Summary table of AI-related actions of the Commission

Commission actions	Target date
Strategic industrial sectors	
Healthcare, including pharmaceuticals	
Flagship(s)	
Establish a European network of AI-powered advanced screening centre to accelerate the introduction of innovative tools for prevention and diagnosis making in healthcare facilities and bringing healthcare services to underserved areas.	Q2 2027
Establish European Networks of Expertise on AI Deployment in Healthcare to consolidate guidelines and best practices. It will deliver deployment playbooks, guidelines including on local validation (performance in clinical practice) and post-deployment monitoring, design principles and set the foundations for exchanging best practices on AI deployment in healthcare.	Q4 2027
Launch an AI drug discovery challenge for potential new drugs that could be used to address unmet medical needs and treat diseases that have proven difficult to cure.	Q4 2026
Propose appropriate actions to streamline and enable quicker market entry of medical devices without compromising safety.	2026
Other relevant action(s)	
Foster collaboration in key areas such as primary care and chronic disease management for the development and scale up of equitable AI in Healthcare.	Q4 2027
Support scaling up of trustworthy AI in cardiovascular health and responsible use of AI for prevention.	Q4 2025
Facilitate access to European computing capacities (e.g. AI Factories) to developers and providers for innovation in healthcare, including in biotech drug development for advancing therapies and rare disease treatments.	Q2 2026
Accelerate uptake of virtual human twins (VHTs) and related innovative AI solutions for healthcare and drug development, by facilitating ecosystems.	Q4 2026
Develop EU guidance on the responsible use of AI in pharmacovigilance and for regulatory activities.	Q4 2026
Provide funding to boost the availability and quality of health data for AI innovation.	Q4 2027
Support the deployment of AI agents for healthcare professionals in different medical care domains, including administrative tasks.	Q2 2026
Foster the next generation of AI solutions for biomedical research including drug discovery and development.	Q2 2026
Robotics	
Flagship(s)	

Establish a Catalyst for the uptake of European Robotics, bringing stakeholders together to optimise innovation and accelerate the uptake of European solutions. In this context, fund the development of sectoral Acceleration Pipelines for the adoption of AI-powered robotics.	From Q4 2025
Other relevant action(s)	
Accelerate the development of robots' skills applicable to many sectors and enable robots' skills Qualification Centres.	Q1 2026
Invest in R&D to foster foundation models that enable robots to learn from real-world experience, simulate complex environments, and plan and act with autonomy while respecting physical constraints.	Q4 2025
Enable secure access to operational data by funding trusted infrastructures, clarifying legal frameworks for industrial data use, and promoting interoperable governance standards.	Q4 2026
Manufacturing, engineering and construction	
Flagship(s)	
Support the development of frontier AI model and AI agents adapted to manufacturing.	Q4 2026
Fund the development of Acceleration Pipelines for the adoption of AI in manufacturing, bridging the gap between research labs and deployment more effectively.	Q4 2026
Other relevant action(s)	
Reinforce the capabilities of the Testing and Experimentation Facility in manufacturing to support innovating companies of AI-powered machines in their certification processes.	Q4 2026
Defence, security and space	
Flagship(s)	
Accelerate the development and deployment European AI-enabled C2 (Command & Control) capacities through EDF, while also incentivising dual use open architecture solutions for border security and critical infrastructure protection.	Q4 2026
Deploy a strategic and dedicated European infrastructure of highly secured computing power capacities (e.g. AI factory/gigafactory) for training of defence and space AI models and development of AI defence and space applications.	Q4 2026
Support AI compliance of EU space manufacturing and operations, including for in-orbit and ground infrastructure, through advanced manufacturing, robotics, dedicated edge/on-orbit computing, space-	2026

based data networks, signal processing equipment, command and control systems.	
Foster the development and uptake of AI solutions for internal security purposes, including by supporting applied research and innovation and stimulating the placing on the market of AI solutions tailored for use in internal security.	From Q4 2025
Fund projects to develop and deploy Cybersecurity tools, technologies and services relying on AI addressing threat detection, vulnerability detection, threat mitigation, incident recovery through self-healing, data analysis and data sharing.	From Q4 2025
Support interoperability and trusted integration of AI into cybersecurity architectures, infrastructures and threat surveillance, including Cyber Hubs and the upcoming Cable Security Hubs, as well as for dual-use and defence-relevant digital environments.	Q4 2026
Other relevant action(s)	
Facilitate cross-community engagement through workshops and roundtables, bringing together civilian and defence experts to discuss synergies, challenges, and priorities for dual-use AI development. This will support the development of standards and a common understanding of the state of the art.	From Q2 2026
Support, in the context of the Cyber Skills Academy projects, the use of AI tools that assist cybersecurity personnel in operational roles.	From Q4 2026
Mobility, transport and automotive	
Flagship(s)	
Leverage AI factories and gigafactories to fast track the development of innovative AI models and common software platforms for automated driving and vehicle management systems.	From Q2 2026
Launch an “Autonomous Drive Ambition Cities” initiative to accelerate the deployment of operational services offered by European providers.	Q4 2026
Other relevant action(s)	
Foster the development of innovative AI models and solutions for automated driving systems, under the European Connected and Autonomous Vehicle Alliance and funding under Horizon Europe.	Q3 2025
Support the access, sharing and pooling of mobility and automotive data for the development of AI models and applications.	Q1 2027
Electronic communications	
Flagship(s)	

Promote EU capacities in edge AI devices by providing dedicated support under the Smart Networks and Services Joint Undertaking and the Chips Joint Undertaking.	Q1 2026
Create a European Telco AI platform (AI stack platform) for telecom operators, vendors and user industries to collaboratively build AI stack elements.	Q4 2026
Other relevant action(s)	
Support the creation of dedicated telecom data sets and specialised AI models and solutions for telecoms.	Q4 2026
Support European participation in key Standardisation Development Organisations and facilitate common European positions.	Q1 2026
Energy	
Flagship(s)	
Support the development of AI models that advance forecasting, optimisation, digital twins, and system balancing within the energy system. These activities shall be supported by leveraging cloud-edge-IoT infrastructure, software and AI tools to serve as a digital backbone across all assets of the energy system ensuring secure, efficient, and reliable data sharing across the energy ecosystem.	From Q1 2026
Adopt a standardisation request on common reporting and documentation processes on AI systems' and general-purpose models' impact on energy consumption.	Q4 2026
Other relevant action(s)	
Establish a dedicated Community of Practice to foster trust in AI applications for critical energy operations, in close connection with initiatives on Digital Twins and preparedness for extreme weather events.	Q4 2026
Climate and environment	
Flagship(s)	
Deploy an open-source AI Earth-system frontier model and related AI-powered applications and services that allow for better weather forecasts, Earth monitoring, and "what-if" scenarios.	From Q4 2025
Other relevant action(s)	
Support urban planning service for post-disaster recovery by deploying Local Digital Twin for reconstruction.	Q4 2026
Agri-Food	
Flagship(s)	

Foster the creation of a Agri-food AI platform that will facilitate specialised farming AI-enabled tools and applications to reach the market.	Q1 2027
Other relevant action(s)	
Devote funding for capacity building in the development of agriculture-specific foundation models (e.g. LLMs).	Q4 2025
Further enhance Commission's support towards the speeding up of authorizing new regulated products through AI, keeping the competitiveness of European food business operators.	From Q4 2025
Cultural and creative sectors (including media)	
Flagship(s)	
Adopt an AI strategy for cultural and creative sectors.	Q1 2027
Foster the development of micro-studios across the EU specialised in AI-enhanced virtual production.	Q1 2027
Help the development of pan-European platforms using multilingual AI technologies to make available real time news and information from professional media outlets across the EU to wider audiences.	Q1 2027
Launch a targeted study to explore the legal challenges related to AI-generated outputs and how cutting-edge technological safeguards and technologies, including AI, could be used to prevent and mitigate the risks of copyright infringing AI content being generated, including by detecting and removing such content.	Q1 2027
Other relevant action(s)	
Propose investments for the development and deployment of European AI models focusing on interactive and immersive media storytelling and on the discoverability of online media, music and literary content.	Q3 2027
Support the take up and scale up of the use of AI technologies to create highly realistic and accurate 3D digital twins of cultural sites and artifacts.	Q3 2026
Public sector	
Flagship(s)	
Build an AI toolbox dedicated to public administrations, featuring a shared repository of practical, open-source and reusable tools and solutions to support AI interoperability.	Q2 2026
Update the European Interoperability Framework to support AI adoption by public administrations.	Q2 2026
Accelerate the adoption of European scalable and replicable generative AI solutions in public administrations to improve the quality of services	From Q3 2026

provided to citizens. This will include the creation of a comprehensive technical and policy toolkit to support the development of generative and agentic AI solutions.	
Other relevant action(s)	
Monitor the needs and use of AI in the public sector through dedicated a workstream launched under the AI Board.	Q1 2026
Promote AI model contractual clauses. These clauses will serve as a best practice framework for the public procurement of AI-based solutions, guiding public authorities in ensuring effective, ethical, transparent, and accountable AI deployment.	From Q4 2025
Enhancing opportunities for European startups and SMEs	
Flagship(s)	
Launch a call for expression of interest inviting European companies to share their AI models and systems with the network of EDIHs, which can subsequently promote their wide-scale deployment across European strategic sectors.	Q2 2026
Other relevant action(s)	
Empower EDIHs to play a key role in fostering the EU's AI first policy and acts as privileged access point to the European AI innovation ecosystem.	Q3 2026
Strengthen the sectoral specialisation of the EDIHs to gather the specific needs and challenges that SMEs and startups are facing.	Q4 2026
Provide organisations (including startups) with access to a self-assessment tool to analyse their market readiness, identify available support measures and provide targeted guidance for navigating the funding landscape.	Q4 2025
Establish a discussion forum with interested stakeholders on reducing risks in AI contracting for SMEs (including startups), providing legal guidance, notably in the form of model contract terms for AI contracts and on the choice of AI contracting systems.	Q4 2027
Enabling an AI-ready workforce across sector skills	
Flagship(s)	
Provide access to practical AI literacy trainings tailored to sectors and job profiles through the AI Skills Academy.	From Q1 2026
Encourage the involvement of industry in AI upskilling and reskilling, including via the Pact for Skills, and provide access to additional training opportunities to workers in sectors undergoing restructuring or at risk of displacement, including due to AI, via the Skills Guarantee, announced in the Union of Skills.	From Q1 2026

Fund “AI for business” (executive master) programmes developing hybrid profiles.	Q4 2026
Establish an “AI entrepreneurs lab” to bring together brilliant AI graduates with entrepreneurial mentors from existing AI companies.	Q4 2026
Other relevant action(s)	
Establish a European Network of AI Incubators and Technology Transfer Offices (TTOs) to support the emergence of AI university spin-offs.	Q2 2026
Supporting AI as a production factor	
Flagship(s)	
Launch and coordinate a Frontier AI Initiative to accelerate progress in frontier AI capabilities in Europe by bringing together Europe’s leading industrial and academic actors and supporting strategic efforts. As part of this initiative the Commission will launch major EU-wide competitions to develop open frontier AI models that are major drivers of innovation.	Q1 2026
Other relevant action(s)	
Support sector-specific, challenges designed to spark breakthroughs in strategic fields such as aerospace, pharma, advanced manufacturing, autonomous driving and electronic communications.	From Q1 2026
Ensuring trust in the European market	
Flagship(s)	
Develop guidelines on the classification of AI systems as high-risk.	Q1 2026
Develop guidelines on the AI Act’s interplay with other Union law.	From Q3 2026
Establishing a single governance mechanism	
Flagship(s)	
Launch the Apply AI Alliance as a coordination forum for AI stakeholders and policy makers.	Q4 2025
Set up an AI Observatory to provide robust indicators to assess the impact of AI in the currently listed and future sectors, monitor developments and trends.	Q2 2026