



Apulia G7 Leaders' Communiqué

Artificial Intelligence, Science, Technology, and Innovation

Artificial Intelligence can play a crucial role in promoting progress and development in our societies. We will promote safe, secure, and trustworthy AI. We will pursue an inclusive, human-centered, digital transformation that underpins economic growth and sustainable development, maximizes benefits, and manages risks, in line with our shared democratic values and respect for human rights.

In this regard, we recognize the need for approaches to AI governance that foster inclusion, to help us harness the potential of AI in a way that reflects these values and promotes its development while mitigating risks, including with respect to human rights and avoiding governance fragmentation. We will work toward these objectives by actively cooperating with other stakeholders, organizations and initiatives as relevant, such as the Global Partnership on AI (GPAI) and the OECD. We will build on the outcomes of the AI Seoul Summit and upcoming milestones, including this year's UN Summit of the Future and the AI Action Summit in 2025.

Recognizing the importance of advancing the Hiroshima AI Process outcomes, we welcome support from the countries and organizations beyond the G7, as demonstrated by its Friends Group.

We will step up our efforts to enhance interoperability amongst our AI governance approaches to promote greater certainty, transparency and accountability while recognizing that approaches and policy instruments may vary across G7 members. We will take a risk-based approach in these efforts as we seek to foster innovation and strong, inclusive, and sustainable growth. To achieve this goal, we will step up our coordination around the evolution of our governance and regulatory frameworks, including by sharing best practices. We will enhance our regular consultations. We are also committed to deepening coordination between our respective institutes and offices focused on AI, to work towards shared understanding of risk management and advance international standards for AI development and deployment. We welcome our Industry, Tech, and Digital Ministers' efforts to advance the Hiroshima AI Process outcomes released last year, including the development of a reporting framework for monitoring the International Code of Conduct for Organizations Developing Advanced AI Systems. We look forward to the pilot of the reporting framework, developed in cooperation with the OECD, in view of the Industry, Tech, and Digital Ministers' Meeting in October. We will work towards developing a brand that can be used to identify organizations that are voluntarily participating in and implementing the Code's forthcoming reporting framework.

We welcome the G7 Toolkit for Artificial Intelligence in the Public Sector, that can help governments to deliver better services to our economies and societies, while protecting human rights and fundamental freedoms.

We will work to ensure that AI enables increased productivity, quality jobs, and decent work; empowers workers; fosters inclusiveness and equal opportunities in the world of work; and enhances active labor market policies, including by fostering dialogue and transparency with

workers organizations. To achieve these goals, we will launch an action plan on the use of AI in the world of work. We ask our Labor Ministers to develop the action plan, envisaging concrete actions to fully leverage the potential of AI to enable decent work and workers' rights and full access to adequate reskilling and upskilling, while addressing potential challenges and risks to our labor markets. We emphasize the need to anticipate future skills needs, provide higher education opportunities and equip workers and employers with the skills and competencies needed to design, 22 adopt, and work with a human-centric, safe, secure and trustworthy AI. Against this background, we also emphasize the importance of innovative education, international talent mobility, digital competencies, and personalized lifelong learning to meet the demand for a qualified workforce. We recognize and encourage the work of the private sector to address skills gaps, including through the Global Partnership on Artificial Intelligence's Working Group on the Future of Work.

Acknowledging the key role that emerging technologies can play in economic growth, we commit to enhancing cooperation to bolster the adoption and development of new technologies, including AI, among micro, small, and medium enterprises, thereby fostering inclusive economic growth.

As we look to the future of emerging technologies, we encourage transparency and adherence to international workers' rights and labor standards at each stage of the AI supply chain. We also encourage our competition authorities to monitor the development of the AI industry, with a view to addressing potential competition issues, and prevent adverse effects at an early stage.

We will also work, including with developing countries and emerging economies, towards closing digital divides, including the gender digital divide, and achieving digital inclusion. We welcome the UN General Assembly Resolution on Seizing the Opportunities of Safe, Secure and Trustworthy AI Systems for Sustainable Development, which advances international conversations on AI, including to promote equitable access to the benefits of AI for all. We will leverage the benefits of AI for SDGs by closing gaps in technologies for development, and by strengthening research and development ecosystems. To this end, G7 countries seek to promote safe, secure and inclusive practices, tools and solutions to make the benefits of AI and advanced computing available to partners to advance their development. In this regard, we welcome the Italian Presidency's decision to establish the AI Hub for Sustainable Development, in collaboration with UNDP. The Hub aims to enable multistakeholder partnerships to support local AI digital ecosystems, strengthen capacities to advance AI for sustainable development, and complement existing initiatives including the AI for Development Donors Partnership.

We reiterate the importance of operationalizing Data Free Flow with Trust (DFFT) to enable trustworthy cross-border data flows, and invigorate the digital economy as a whole, while preserving governments' ability to address legitimate public interest. We value OECD's leading role in advancing DFFT and we welcome its expert community.

Acknowledging the crucial role of resilient and reliable global semiconductor supply chains, we welcome the establishment of a Semiconductors G7 Point of Contact Group. This Group will bolster our coordination in addressing issues impacting the semiconductor industry. We will also advance our cooperation on secure and resilient undersea cable connectivity, in particular for strategic routes such as the Arctic and the Pacific. Our efforts will include better coordination on technical security requirements and advancing research on the economic and environmental sustainability of cable connectivity.

Given the potential of quantum technology developments, we will adopt or implement our respective quantum strategies. We also affirm our commitment to promoting responsible innovation of biotechnology, including its convergence with AI.

We support the development of frontier science, emerging technologies and research infrastructures to solve global challenges, including a better understanding of the ocean-climate-biodiversity nexus. We also emphasize the importance of promoting international talent mobility and circulation in emerging technologies among the G7 and partners, as well as cooperation with low- and middle-income countries. In this regard, we reiterate our commitment to open science and research security and integrity. ²³ We support further efforts to promote and reinforce research security and integrity, together with like-minded partners. We welcome the Extension of the G7 Virtual Academy to non-G7 like-minded partners to share best practices and policies on research security and integrity, and we welcome that Italy will host a G7 conference on these topics this year.

We recognize the impact of AI on the military domain and the need for a framework for responsible development and use. We welcome those who have endorsed the Political Declaration on Responsible Military Use of AI and Autonomy (REAIM) and the REAIM Call to Action, and we encourage more States to do so to ensure that military use of AI is responsible, complies with applicable international law, particularly international humanitarian law, and enhances international security.

We strongly support the implementation of the International Guidelines adopted at the UN Committee on the Peaceful Use of Outer Space as urgent and necessary. We welcome national efforts to develop further solutions for space debris mitigation and remediation, including further research and development of orbital debris mitigation and remediation technologies, and the development of space sustainability standards and regulations.

We welcome the establishment of the G7 Venice Justice Group, which will serve as a coordinative function to address global challenges, including AI, using our judicial and enforcement expertise. Against this background, we recognize the impacts of deploying AI within the justice sector and that the use of AI systems must not interfere with the decision-making power of judges nor judicial independence.