



THE G7 INNOVATION WEEK: A MANIFESTO FOR INNOVATION, SKILLS AND LABOR

Putting People at the Center of Innovation

RESPONDING TO A “SINGULARITY”

At the Taormina Summit, G7 Leaders recognized the unprecedented shifts being wrought by the Next Production Revolution (NPR). Innovation is changing people’s lives and business operations all over the world, revolutionizing productive sectors and societal norms alike. G7 Leaders highlighted both the need to govern this change and opportunities **to make innovation the catalyst of worldwide prosperity and inclusive growth, through coordinated global efforts.** These are political imperatives, that call for long-sighted and holistic/harmonious responses.

This **Manifesto** outlines the key policy messages that emerged during the G7 Innovation Week.



KEY POLICY MESSAGES FROM THE G7 INNOVATION WEEK

Ensuring a holistic policy approach and framework on innovation, built through a multistakeholder-based dialogue and participative decision-making process.

To make sure that the NPR and the digital transformation are inclusive, open and secure, a holistic policy framework needs to be drafted. Furthermore, all relevant actors must be involved, thereby ensuring a multistakeholder approach.

Widening and guaranteeing access to innovation's enabling factors for people and businesses, while respecting privacy and data protection systems.

For the NPR to flourish, people and businesses must be able to access its competitive advantages in a safe and fair way. Therefore, over the course of the week, participants reaffirmed the value of the free flow of information across borders while respecting privacy and data protection provisions; agreed to push Quality Digital Infrastructures, by encouraging the continued roll out of high-speed broadband networks; committed to promote industry-led voluntary, transparent international technical standards; promised to promote and enforce Intellectual Property Rights within existing international organizations.

Expanding the outreach and impact of innovation in small and medium-sized enterprises (SMEs), and developing cybersecurity risk management practices and cooperation

SMEs account for 70% of G7 employment. With a view to enhance the competitiveness and inclusiveness of SMEs, policies to spread the NPR need to be developed. G7 countries agreed upon developing and implementing appropriate cybersecurity risk management practices. They further agreed to enhance cooperation at different levels, in order to exchange information about cyber threats and vulnerability.

Promoting an enabling environment for researchers and fostering their participation in Global Research Infrastructures

Researchers provide a crucial contribution to the socioeconomic growth of our societies. Research communities -- in particular women, youth and other underrepresented groups -- should be better supported through training aimed also at fostering trans-disciplinary and multi-disciplinary research. Furthermore, efforts should be directed at fostering the participation of researchers in a Global Research Infrastructure (GRI) network, maximizing the opportunities offered by open science paradigms.



Promoting innovative financing mechanisms and instruments for research purposes, such as public-private partnerships at the national and transnational level

The NPR will bring new challenges and changes to the dynamics of innovation. These will perforce require a focus on financing mechanisms and instruments. G7 countries agreed that the set of instruments dedicated to fostering public-private partnership in large-scale basic research projects demands improvement. Such partnerships should promote the convergence of transnational public-private cooperation, including in scientific philanthropy and for ambitious scientific ventures.

Reinforcing a human-centric innovation approach by integrating a grasp of the dynamics and impact of technologies into the skill-set of political leaders, institutional decision-makers and educators. Highlighting Artificial Intelligence, Big Data and their application as a tool for enhancing human/machine complementarity

For the first time in its history, the G7 committed to promote an open, informed and engaged exchange with the relevant stakeholders in order to raise awareness about the need for a human-centric approach to AI, thereby making sure that it is beneficial to society. Looking differently at new technologies could lead policy-makers and innovators to push together to reinforce a human-centric innovation, where Artificial Intelligence and its outstanding applications could be seen not as a threat but rather as a tool for enhancing human/machine complementarity. In the meantime, the public sector can definitely improve the way data serves as a public good: Big Data, in particular, offers an extraordinary opportunity for public institutions to anticipate and address problems and to improve decision-making processes.

Ensuring a just transition towards the future of work

The idea of “just transition” entails an inclusive process – one that is able to spread the benefits of innovation more equally among all citizens and to leave no one behind. Inevitably, embarking upon a path of inclusive growth requires developing and strengthening skills and school-to-work transition policies; promoting the capability and talents of entrepreneurs and the workforce; developing measures and instruments to allow under-represented groups to fully participate in the formal labor market; and, finally, to rethink social protection systems and adapt them to emerging realities.



THE G7 INNOVATION WEEK IN A NUTSHELL: Key Documents

Ministerial Meeting on ICT and Industry

-  Final Declaration
-  Annex 1 - Common policy SMEs
-  Annex 2 - Artificial Intelligence
-  Annex 3 - Cybersecurity

Ministerial Meeting on Science

-  G7 Science Communiqué
-  Annex 1 - Future of the Seas and Oceans
-  Annex 2 – Report of the group of senior officials on global research infrastructures
-  Annex 3 - WG Neglected Tropical Diseases and Poverty Related Diseases
-  Annex 4 - WG Open Science

Ministerial Meeting on Labor

-  Final Declaration

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-  Chair Summary
-  Additional documents

THE G7 LEADERS' COMMUNIQUE AND PEOPLE-CENTERED ACTION PLAN

-  G7 Taormina Leaders' Communiqué
-  G7 People-Centered Action Plan on Innovation, Skills and Labor