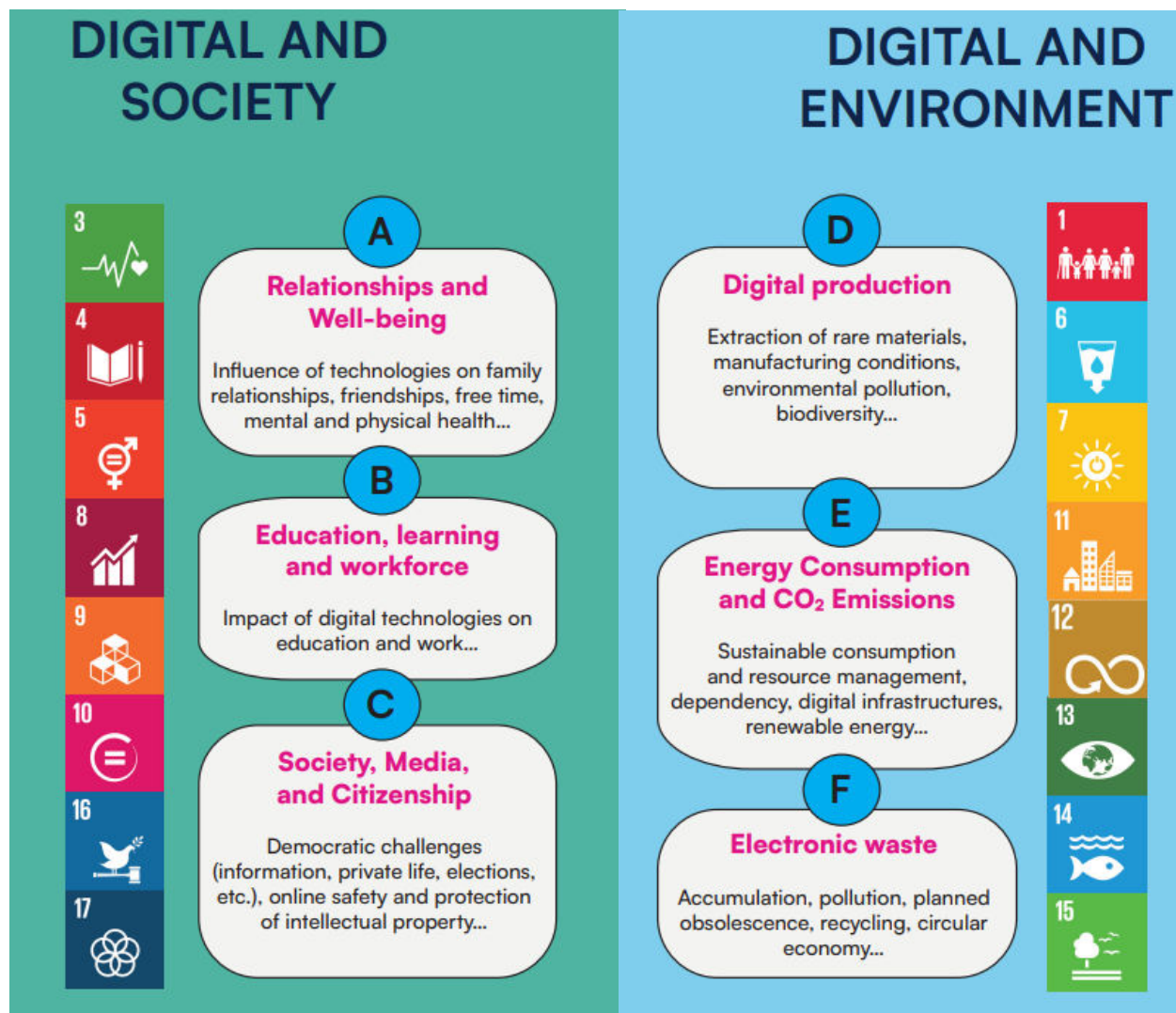




Geneva : Digital Governance Hub

Understanding the challenges and ongoing actions

The challenges of digital technology



Some examples of “Digital and Society” :

Relationships and well-being (A)	- Cyberharassment - Technological addiction - Invasion of privacy - ...
Education, learning and workforce (B)	- Loss of cultural diversity (uniformization of content favoring certain languages, cultures, ideologies) - Exclusion of minority perspectives (in generated content) - Privacy (students) - Reduction of the human aspect in education - Automatisatation (employment) - ...
Society, media and citizenship (C)	- Digital divide (unequal access to technological advances) and widening of North-South gap - Increased surveillance - Algorithmic biases that may exacerbate discrimination - Proliferation of deepfakes and misinformation - Decreased trust in democratic systems - Cyberattacks and data security - Lethal autonomous weapons - Digital counterfeiting - ...

Some examples “Digital and Environment” :

Digital production (D)	- Exploitation of scarce resources - Production conditions - Biodiversity - Environmental pollution - ...
Energy consumption and CO₂ Emissions (E)	- Energy consumption of data centers - Dependence on fossil fuels - Global warming - Renewable energies - ...
Electronic waste (F)	- Recycling - Pollution - Planned obsolescence - Accumulation - ...

Geneva's role in digital governance

INTERNATIONAL ORGANIZATIONS

Actors	Mandate	Themes	Projects	Objectives
Food and Agriculture Organization of the United Nations (FAO)	Leads international efforts to eradicate hunger, improve nutrition, promote sustainable agriculture, and ensure food security for every individual	Relationships and well-being (A) Education, learning and workforce (B) Society, media and citizenship (C) Energy consumption and CO ₂ Emissions (E)	Global Network for digital agriculture innovation hubs	A global network of interconnected national platforms promoting the digital transformation of agri-food systems by supporting farmers, youth, and women through innovative digital solutions tailored to local priorities and encouraging knowledge exchange among nations.
International Labour Organization (ILO)	Promotion of decent work worldwide	Education, learning and workforce (B) Society, media and citizenship (C)	Observatory on Artificial Intelligence (AI) and work in the digital economy	Help governments and social partners understand and manage the digital transformation of work .

International Tele-communication Union (ITU)	Regulation and planning of telecommunications worldwide	Relationships and well-being (A) Education, learning and workforce (B) Society, media and citizenship (C) Digital production (D) Energy consumption and CO ₂ Emissions (E) Electronic waste (F)	AI for Good Global Summit (annually)	Promote digital inclusion ; Foster ethical and responsible AI governance ; Find a balance between innovation and regulation ; Ensure AI contributes to the Sustainable Development Goals (SDGs) ; Facilitate collaboration between public and private sectors ; Train future generations in the responsible use of AI.
International Tele-communication Union (ITU), United Nations Children's Fund (UNICEF)		Education, learning and workforce (B) Society, media and citizenship (C)	Giga Initiative	Provide Internet connectivity to schools worldwide .
International Tele-communication Union (ITU), International		Relationships and well-being (A) Education, learning and workforce (B)	Standard for Responsible AI (planned for 2025)	Ensure that AI usage complies with technical standards promoting transparency, ethics

Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC)		Society, media and citizenship (C) Digital production (D) Energy consumption and CO ₂ Emissions (E) Electronic waste (F)		(non-discrimination, respect for human rights), and security .
International Organization for Migration (IOM)	Promote safe migrations	Relationships and well-being (A) Society, media and citizenship (C)	Migrant E-nclusion Project	Promote the digital inclusion of migrants by developing accessible and inclusive digital solutions.
Office of the United Nations High Commissioner for Human Rights (OHCHR)	Promotion and protection of human rights	Society, media and citizenship (C)	Special Rapporteur on the right to privacy	Organize expert consultations and publish reports to explore the impacts of digital technology on the right to privacy and other human rights .
United Nations (UN)	Preservation of international peace and security	Relationships and well-being (A) Education, learning and workforce (B) Society, media and citizenship	AI Advisory Body	Ensure that AI is implemented for the benefit of humanity and in respect of human rights .

		(C)		
		Relationships and well-being (A) Education, learning and workforce (B) Society, media and citizenship (C) Digital production (D) Energy consumption and CO ₂ Emissions (E) Electronic waste (F)	United Nations Office for Digital and Emerging Technologies (UNOCD)	Created as a continuation of the 2024 Global Digital Compact, this office aims to ensure that digital technologies are implemented responsibly and for the benefit of all. Objective : define digital governance principles supporting human rights, social justice, and sustainable development.
		Relationships and well-being (A) Education, learning and workforce (B) Society, media and citizenship (C)	United Nations Office for Disaster Risk Reduction (UNDDR)	Coordinate global efforts for the prevention, reduction, and management of natural disasters.

United Nations Children's Fund (UNICEF)	Protection of children's rights	Relationships and well-being (A) Society, media and citizenship (C)	<u>Strategic guidance on AI for Children</u> (2021)	Define the implications of AI for children's rights and the strategic
United Nations Conference on Trade and Development (UNCTAD)	Promote balanced participation of the global south in the world economy	Society, media and citizenship (C)	<u>eTrade for All</u> (2016)	Encourage developing countries to take ownership of digital transformations with a sustainable and inclusive approach.
United Nations Educational, Scientific and Cultural Organization (UNESCO)	Strengthen collaboration among nations through education, science, and culture	Education, learning and workforce (B)	<u>Recommendations on the Ethics of Artificial Intelligence</u> (2021)	Provide a global normative framework for the ethical development and use of AI while protecting human rights, human dignity, transparency, and fairness .
United Nations International Computing Centre (UNICC)	Main provider of IT and communication services for all systems used by the United Nations	Education, learning and workforce (B) Society, media and citizenship (C)	<u>New Artificial Intelligence Hub to accelerate AI deployment across the UN system</u>	Collaborative platform launched in June 2025 offering expertise, strategic and technical advice, shared solutions, and staff training software development to promote the responsible and ethical deployment of AI within the UN .

World Health Organization (WHO)	Promote collaboration among countries in the field of health	Relationships and well-being (A)	<u>Global Model WHO</u>	Organization of a four-day World Health Assembly model (October 28-31, 2025) offering students the opportunity to participate in high-level debates on major global health issues, notably digital health and artificial intelligence topics.
World Intellectual Property Organization (WIPO)	Foster creativity and economic development by promoting an international intellectual property system	Education, learning and workforce (B) Society, media and citizenship (C)	<u>Capacity-building programs</u>	Explore the implications of AI on intellectual property rights and implement capacity-building programs .

NON-GOVERNMENTAL ORGANIZATIONS

Actors	Mandate	Themes	Projects	Objectives
Cyber Peace Institute	Strengthen cybersecurity in the service of peace and human rights	Education, learning and workforce (B) Society, media and citizenship (C)	<u>Humanitarian Cybersecurity Center (HCC)</u>	Free cybersecurity assistance offered to humanitarian NGOs, including training, threat detection, and technical support in case of attacks.
Dev.tv	Promote committed and creative audiovisual coverage of social and environmental issues	Society, media and citizenship (C)	<u>Young Activists summit</u> (2019)	Platform showcasing young changemakers from around the world engaged in human rights, the environment, and social justice .
Geneva Centre for the Democratic Control of Armed Forces (DCAF)	Support the promotion of democratic governance and accountable security governance using new technologies	Relationships and well-being (A) Education, learning and workforce (B) Society, media and citizenship (C)	<u>Digitalization and ssgr projections future</u>	Assesses challenges and opportunities as well as how key actors adapt to emerging technologies by examining the complex interaction between digitalization and security sector governance to guide the ethical use of digital technologies .

Geneva Centre for Security Policy (GCSP)	Strengthen the capacities of governments, organizations and experts to promote peace, security and international cooperation through research and training	Relationships and well-being (A) Education, learning and workforce (B) Society, media and citizenship (C)	<u>Courses and training on various topics related to international security</u>	Train professionals (diplomates, civil servants, ...) capable of effectively managing global security challenges to promote peace and international cooperation.
ICT4 Peace Foundation	Promote responsible use of information and communication technologies for peace, security, and the protection of human rights	Relationships and well-being (A) Society, media and citizenship (C)	<u>Tech against terrorism</u>	Helps combat the terrorist use of the internet while protecting human rights and freedom of expression.
ImpactIA Foundation	Accelerate the adoption of ethical, robust, and legally compliant AI to sustainably transform social and work sectors	Relationships and well-being (A) Education, learning and workforce (B)	<u>AIIA festival (up to the 2022 edition)</u>	An artistic and cultural laboratory where artists, thinkers, and an AI named Chimera explore, through exhibitions, how culture shapes and is shaped by artificial intelligence.

Itopie	Provide services such as repair and refurbishment of computer equipment, training in free/open-source software, while adhering to a circular economy approach	Digital production (D) Energy consumption and CO₂ Emissions (E) Electronic waste (F)	ltopie.ch	Repair and refurbishment of equipment, IT asset management, website creation, and home training in free/open-source software as well as secure data wiping.
Swiss Association Against Planned Obsolescence (NoOPS)	Raise awareness about the issues related to planned obsolescence and propose solutions through the collection of devices for refurbishment or recycling to support a circular economy	Digital production (D) Energy consumption and CO₂ Emissions (E) Electronic waste (F)	NOOPS/AGIR	Collect used smartphones, tablets, cables, and chargers through a relay network in French-speaking Switzerland to refurbish, repurpose their materials, or dismantle them to create artistic and ecological works.
Swiss Digital Initiative (SDI)	Promote ethical practices in the digital world to strengthen trust in digital technologies	Relationships and well-being (A) Society, media and citizenship (C)	Digital Trust Label	Label certifying the quality of a digital service based on criteria such as security, data protection, reliability, and ethical responsibility to enhance user trust.

World Economic Forum (WEF)	Promote cooperation on economic, technological, social, and environmental issues	Education, learning and workforce (B) Society, media and citizenship (C)	<u>The Rise of Global Digital Jobs</u>	Identifies the most suitable jobs for global work, assesses the future size of the global digital jobs market, and calls on leaders and policymakers to prepare for a fair transition to a global digital workforce.
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- ☐ If you need support to contact an expert within one of these organizations, please contact the Eduki Foundation's Visitor Services (visites@eduki.ch).