总秘书处（SG）

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致：
- 国际电联成员国
- 各国常驻日内瓦代表团
- 国际电联部门成员
- 国际电联部门准成员和学术成员
- 联合国机构

事由： **邀请出席COP29数字化日高级别圆桌会议并批准《COP29绿色数字行动宣言》**

尊敬的先生/女士，

为筹备即将召开的联合国气候变化大会（COP29），国际电联、COP29轮值主席国阿塞拜疆和阿塞拜疆共和国数字发展和交通部邀请各国部长、高级官员和主要利益攸关方参加定于2024年11月16日举行的COP29数字化日高级别圆桌讨论会。

同时邀请成员国、部门成员、部门准成员、学术成员和其他利益攸关方支持本函附件所附的《COP29绿色数字行动宣言》。

绿色数字行动（GDA）举措旨在在我们共同应对气候变化的斗争中利用数字技术的变革力量，并呼吁技术行业对其环境影响负责。GDA举措由国际电联与来自全球各国政府、国际组织、业界和民间团体的40多个利益攸关方在2023年联合国气候变化大会（COP28）上发起。

国际电联理事会2024年会议随后通过关于国际电联在促进ICT为可持续性发展和气候行动做出贡献方面的作用的第1429号决议，邀请成员国、部门成员、部门准成员和学术成员促进在所有经济部门采用环境可持续的新兴电信/ICT。国际电联理事会还责成秘书长与三个局的主任协作，在其职责范围内，为国际电联在与本决议相关的工作方面制定远大的目标；加强与其他联合国实体和相关利益攸关方在这方面的协作；促进各经济部门采用新兴ICT，以增强其环境可持续性。

因此，我们非常感谢COP29轮值主席国阿塞拜疆在即将召开的COP29上组织了首届数字化日。《绿色数字行动宣言》肯定了数字技术在气候行动中的重要作用，并概述了促进可持续性和确保数字增长不会加深环境衰退的合作框架。该案文是广泛磋商的结果，并已由COP29轮值主席国阿塞拜疆分发各国以求获得批准。更多信息可查阅COP29轮值主席的宣言和承诺函。

为支持该宣言，您可以向COP29轮值主席国提交正式信函或照会，或向digitalisation@cop29.az 发送电子邮件，并附上您可能希望作为背书一部分的任何补充声明。

欲注册参加圆桌会议，请通过green@itu.int与我们联系。

感谢您对绿色数字行动举措的支持和承诺。我们可以共同努力，使COP29成为我们实现可持续数字化转型征程中的一个里程碑。

顺致敬意！

（原件已签）

秘书长
多琳•伯格丹-马丁

附件：《COP29 绿色数字行动宣言》（仅有英文版）

COP29 Declaration on Green Digital Action

We, national governments and other stakeholders, including international organisations, financial institutions, philanthropies, private sector entities, academia, and civil society organisations;

Recognising the imperative to mitigate and adapt to climate change and underscoring the important role of digital technologies in achieving these objectives, the objective of the United Nations Framework Convention on Climate Change (UNFCCC) and the goals of the Paris Agreement, the 2030 Agenda for Sustainable Development and the Pact of the Future;

Highlighting that digital innovations can have enabling and systemic effects in reducing GHG emissions across various economic sectors and adapting to climate change impacts when properly used and governed;

Noting with concern the adverse climate impacts associated with the full life cycle of digital technologies and related tools, devices and infrastructures, including with regard to the energy and water consumption of the digital sector, notably in the case of data processing centres, artificial intelligence development and deployment**,** coupled with the carbon footprint and pollution of producing digital tools and devices, as well as the unsustainable disposal of obsolete digital infrastructure, that need to be addressed;

Acknowledging that more consistent, technically rigorous and comprehensive data on GHG emissions and energy consumption from the Information and Communication Technology (ICT) sector can significantly enhance our progress towards accurately assessing its climate impacts and setting more effective climate targets;

Underlining the various digital divides as substantial impediments to achieving equitable, inclusive, just and digital transitions, and cognisant that disparities in digital access, capacities and resources can deepen inequalities and obstruct global climate efforts;

Expressing deep concern about the potential effects that disinformation and misinformation may have on the credibility of scientific knowledge and on the global perception of the causes and potential impacts of climate change, as well as on public awareness, mobilisation and collective action to prevent and combat these impacts;

Reaffirming the imperative to address these disparities to fully leverage digitalisation for global sustainability, ensuring that all benefit from a meaningfully connected world while leaving no one behind, including Indigenous Peoples, local communities, women, children, youth, and persons with disabilities;

Emphasising the importance of stronger collaboration between governments, the private sector, academia, technical communities, civil society and other stakeholders - in conformity with their roles and responsibilities, as well as synergy building among international organisations, and collective action and strengthened partnerships as a way to leverage digitalisation for climate action effectively;

Affirm within our respective mandates the following common objectives:

I. **Leveraging Digital Technologies and Tools for Climate Action:** Encourage the development and adoption of sustainable digital technologies to accelerate GHG emissions abatement, reductions, and removal and energy efficiency across sectors and to support climate-resilient communities, including through the UNFCCC Technology Mechanism. Additionally, enhance climate monitoring and forecasting and strengthen emergency response and preparedness capabilities through the broader use of digital technologies, including mobile early warning systems. Encourage improvement of digital technologies for energy modelling and forecasting to make grids more resilient to climate change's impacts and support clean energy initiatives that are adopting digital solutions.

II. **Building Resilient Digital Infrastructure:** Emphasise the importance of designing digital infrastructure resilient to climate change impacts, ensuring the continued functionality of critical digital systems in adverse conditions.

III. **Mitigating Digitalisation's Climate Impact:** Develop policies and technical advancements to contribute to achieving net-zero emissions and minimize the resource intensity of digital technologies. This includes powering digital infrastructure with clean energy, promoting energy-efficient practices, reducing emissions embedded in digital infrastructure and supply chains, extending product lifecycles, and improving recycling and e-waste management systems. It also includes establishing metrics and indicators to measure climate impacts of ICTs and to monitor the impact of digital actions on climate.

IV. **Promoting Digital Inclusion and Literacy:** Promote the accessibility of digital technologies for climate action to developing countries, including Least Developed Countries and Small Island Developing States. This involves supporting digital skills, digital literacy and capacity-building initiatives, especially for young people and women. Foster local digital ecosystems by providing support and resources for startups, small and medium-sized enterprises, and research institutions working on sustainable digital solutions.

V. **Data-driven decision-making:** Deploy assessment methodologies to estimate the net climate impact of green digital solutions, implement effective systems to accurately track and standardise climate-related data and energy usage and effectively monitor regulatory adherence and data quality and integrity.

VI. **Fostering Sustainable Innovation**: Mobilise existing climate funds and invest across all channels in innovation, research and development and implementation of environmentally sustainable digital technologies and resilient infrastructure,

encouraging collaboration across sectors to integrate climate considerations early in and throughout the technological development process. Recognise the importance of protecting intellectual property rights to incentivise innovation while also enhancing cooperative action to facilitate the widespread adoption of digital and green technologies. Promote policies that account for the protection of intellectual property and the need for open access to technologies that contribute to global climate goals.

VII. **Encouraging Sustainable Consumer Practices:** Promote awareness and education on sustainable digital consumption and practices among consumers.

VIII. **Facilitating the Sharing of Best Practices:** Leverage existing mechanisms and develop and implement new mechanisms that facilitate the sharing of best practices, including both good policy practices and effective technology applications, among countries in using digital technologies to reduce GHG emissions and enhance adaptation and resilience. By creating platforms for knowledge exchange and fostering international collaboration, we can ensure that successful initiatives, both in policy and technology, are replicated and adapted to diverse contexts, thereby accelerating global progress toward achieving climate and environmental goals.

Implementation Framework

We intend to incorporate these objectives into policies that address both digital and low-emission transition pathways, ensuring mutual support among digital, energy and climate policies and goals. This includes, amongst others, when and where applicable, integrating digital environmental sustainability into national climate strategies and policies, investing in environmentally sustainable digital technologies, using science-based methodologies that demonstrate the net positive contribution of digital solutions, and strengthening the role of digital technologies as enablers of climate solutions in countries' Technology Needs Assessments, Technology Action Plans and technical assistance provided by the Climate Technology Centre and Network (CTCN), which help inform countries in the development, updating and implementation of their Nationally Determined Contributions (NDCs) under the Paris Agreement.

Collaboration

We intend to convene, when necessary, with stakeholders, including the private sector, civil society, and international organisations through the UNFCCC Technology Mechanism and the ITU Green Digital Action initiative to enhance collaboration.

National governments and other stakeholders can endorse this Declaration through:

Any official written communications (letter and note verbale) to the COP29 Presidency or email to **digitalisation@cop29.az**