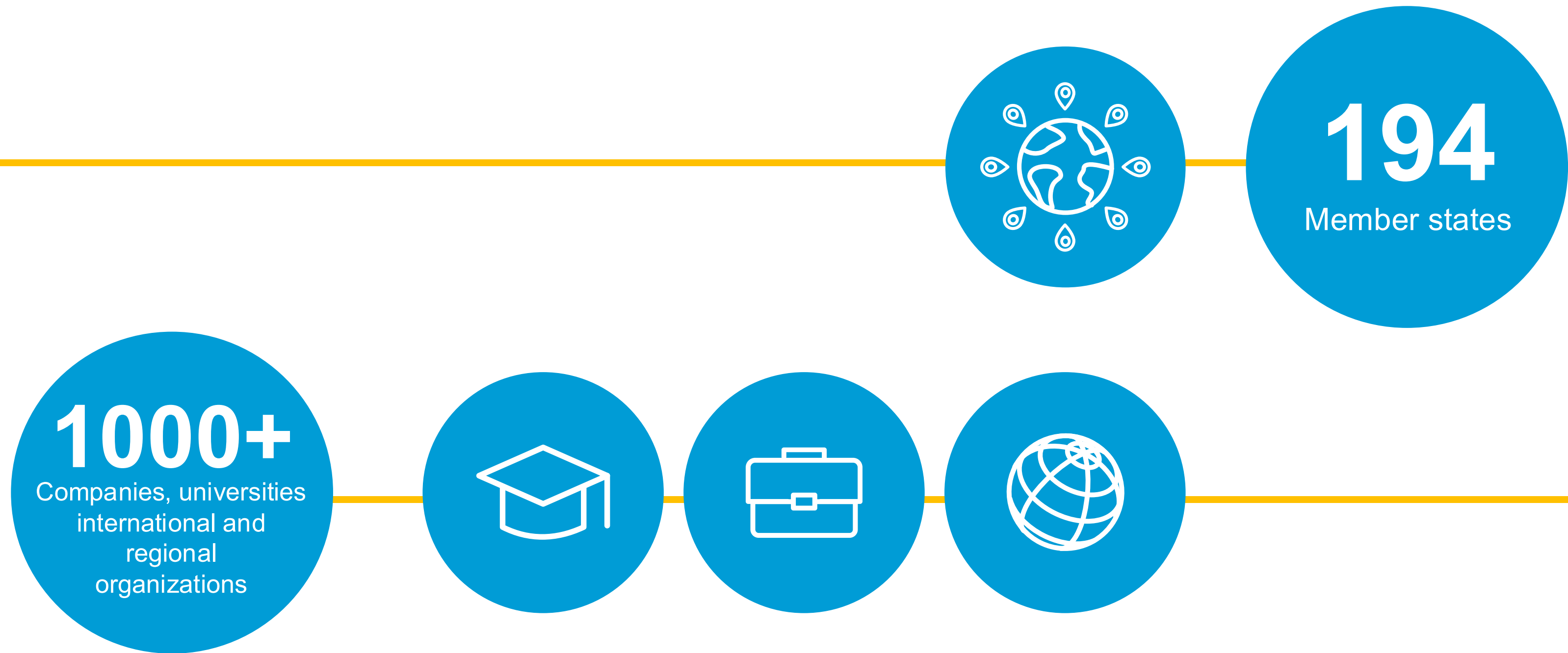




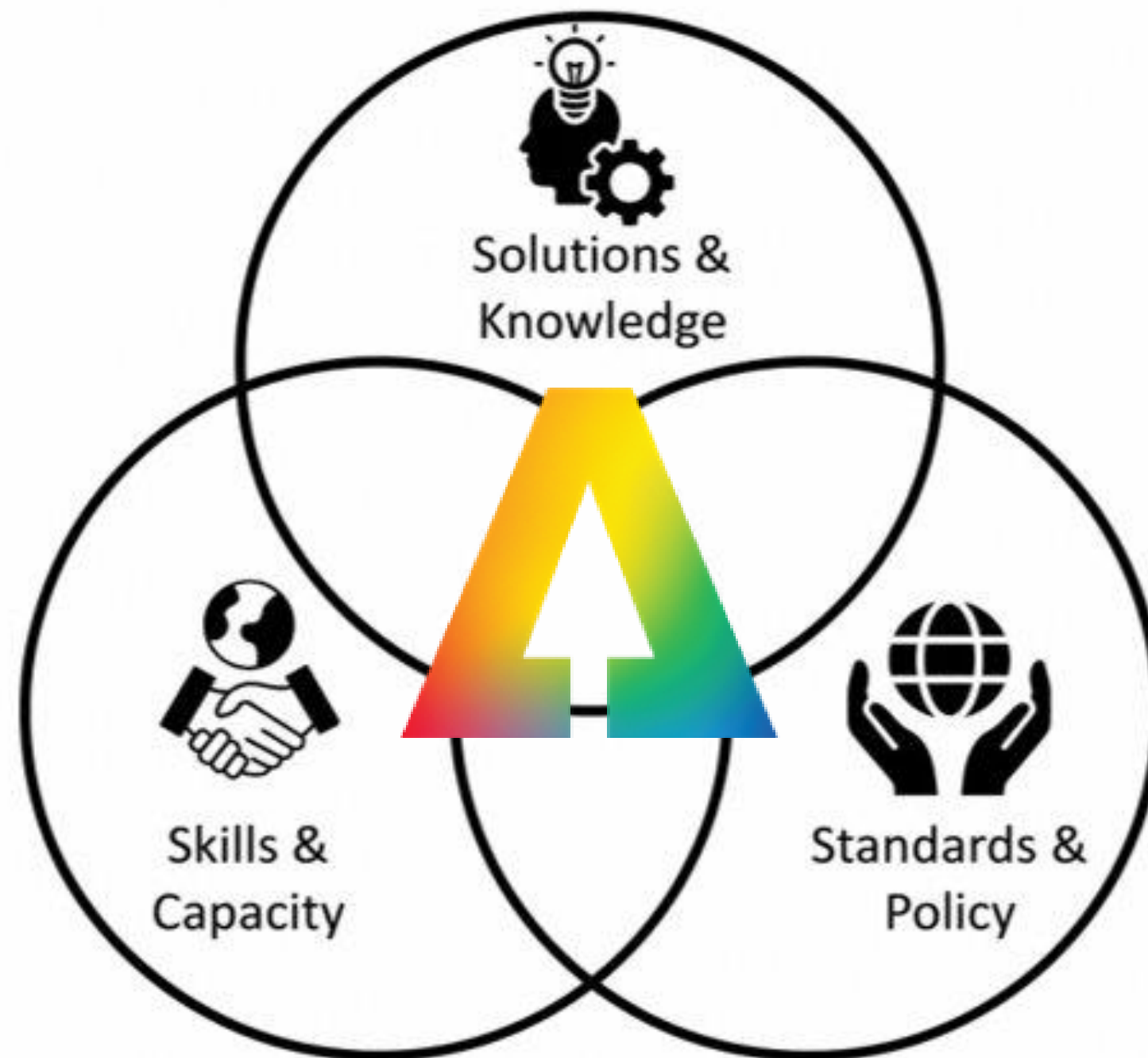
Overview of ITU-T AI-related activities

Telecommunication Standardization Bureau (TSB), ITU

ITU membership



ITU's AI work is centered around 3 strategic pillars



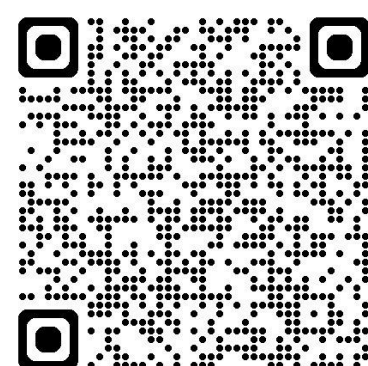


Global Dialogue on AI Governance, 6-7 July 2026 Geneva, Switzerland

Preliminary Report of the Independent International Scientific Panel on AI

July 2026

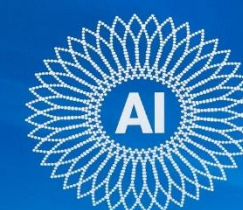
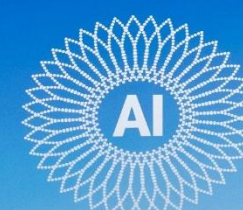
Evidence-based assessment of
opportunities, risks and impacts
of artificial intelligence



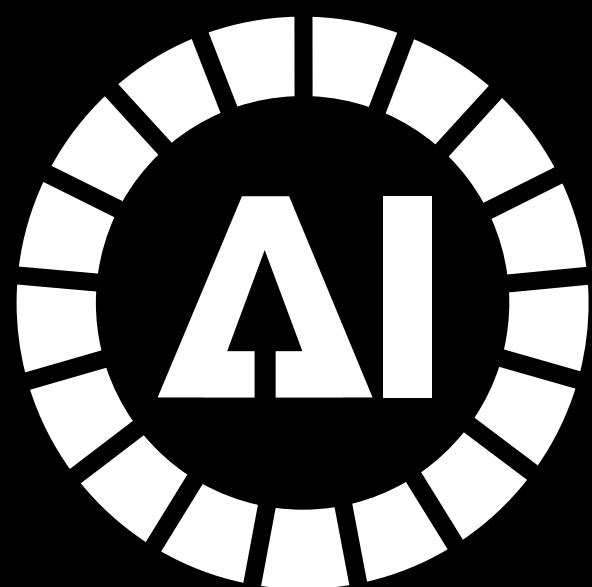
Independent International
Scientific Panel on
Artificial Intelligence



Global Dialogue on AI Governance
#AIDialogue



Global Dialogue on AI Governance
#AIDialogue



AI for Good

Global Summit

Unlocking AI's potential
to serve humanity

7-10 July 2026
Geneva, Switzerland





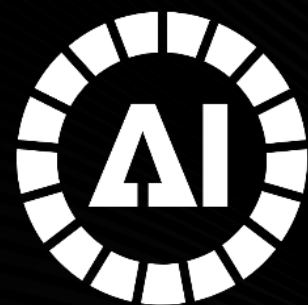
Launch of the Focus Group on Trust And Identity For Humans and Agentic AI



Planned Meetings

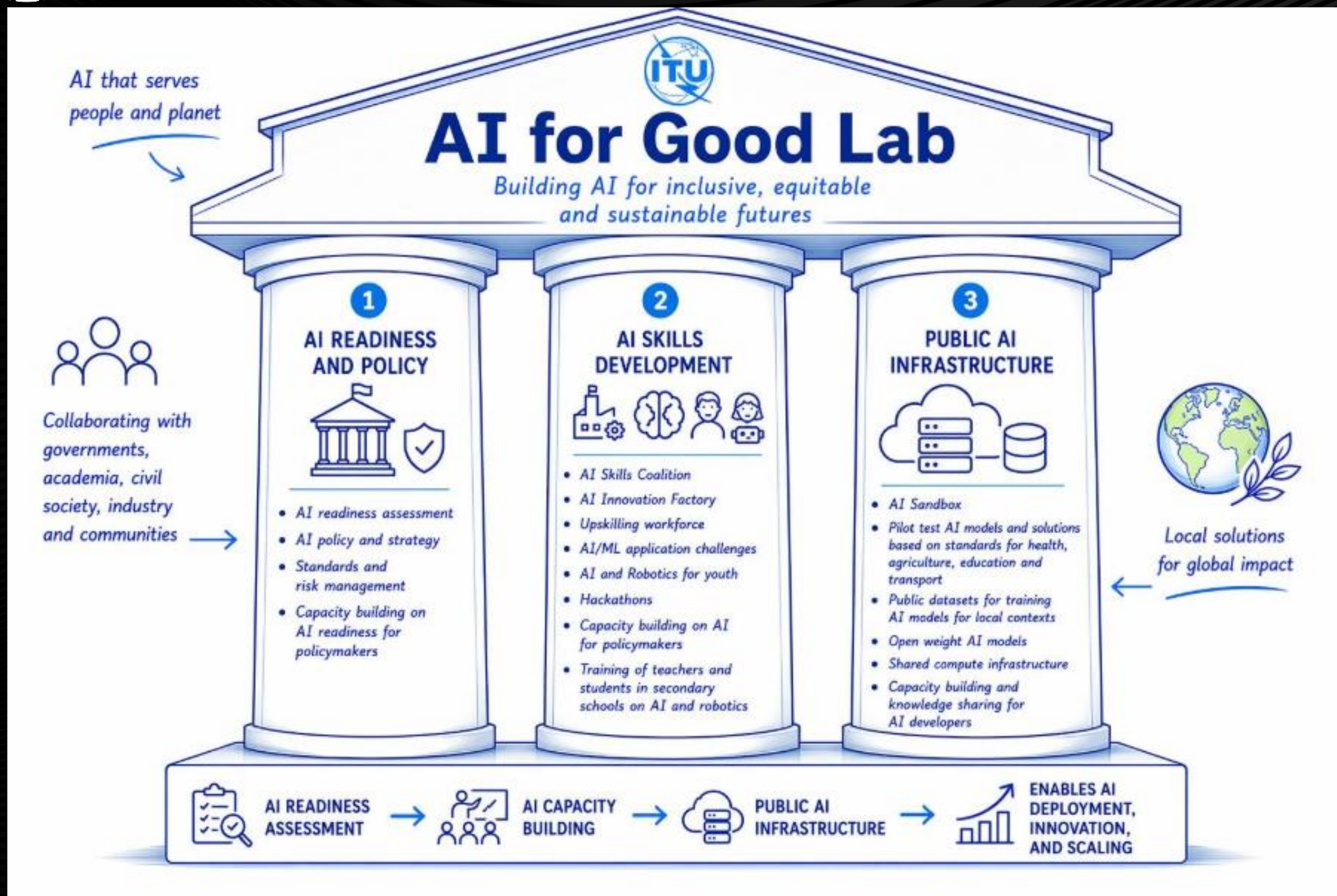
- 1st meeting: 1-4 December 2026, Paris
- *More announcements to come!*

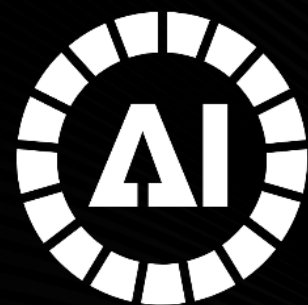




AI for Good
Global Summit

AI for Good Lab Pillars





AI for Good
Global Summit

Beneficiaries

How countries can benefit

Academia and researchers

- creation of solutions and local innovations with the latest AI techniques and models

Students

- opportunities to develop, experiment, and validate AI solutions to address real world problems

Startups and innovators

- to adopt international AI standards, curate datasets relevant to local contexts and develop relevant AI pilot projects for different **sectors**

Ministries, regulators and policymakers

- leverage the AI readiness and policy toolkits to answer "what if" questions on AI strategy and understand the policy impact





AI and Multimedia Authenticity Standards

New Reports Launched

TECHNICAL REPORT ON AI AND MULTIMEDIA AUTHENTICITY STANDARDS

MAPPING THE STANDARDISATION LANDSCAPE

TECHNICAL PAPER
Edition 2



EMERGING LEGAL LANDSCAPE FOR GENERATIVE AI ACROSS DIFFERENT REGIONS

SILVIA A. CARRETTA, MARILENA HYERACI,
VIJAY MAUREE AND ALESSANDRA SALA

POLICY PAPER
Edition 1





Standards & Policy

Global Initiatives and Focus Groups



AI Multimedia
authenticity standards
collaboration
(ISO/IEC/ITU)



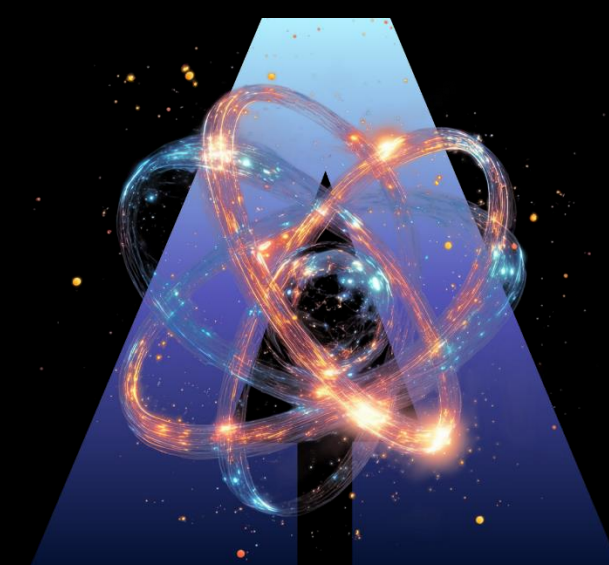
International AI
Standards Exchange
(IEC/ISO//ITU)



ITU-T AI Focus Groups



UN Inter-agency
working group on AI
(ITU/UNESCO)



Quantum for Good



Global Initiative on AI for
Health (with WHO/WIPO)

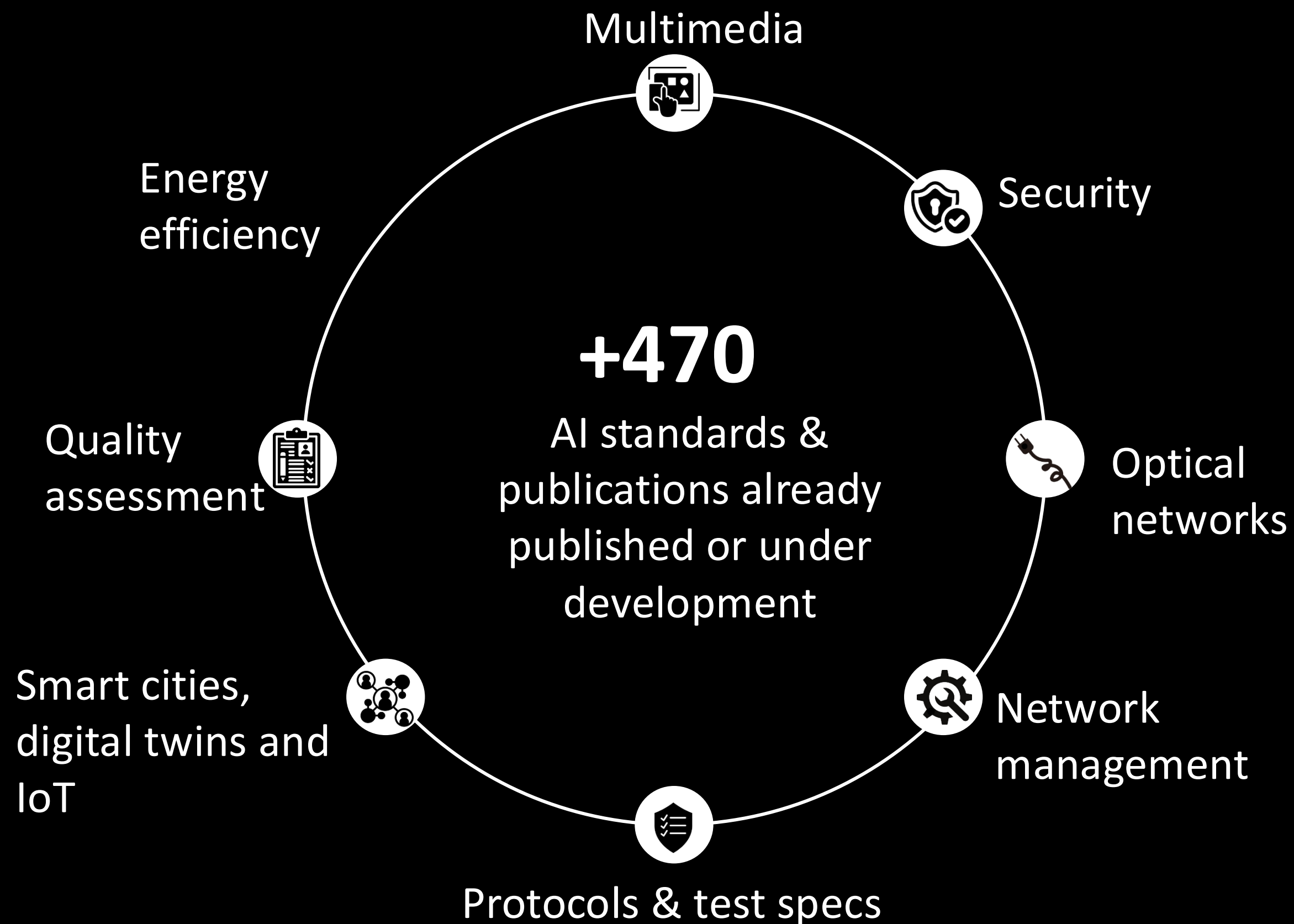


Global Initiative on AI for
food systems



Global Initiative Resilience
to Natural Hazards through
AI Solutions

AI Standards and Policy





AI Standards Exchange Database

One stop gateway to AI standards, reports and news

900+ available AI standards and technical reports



In collaboration with



Partnership with



AI
STANDARDS
HUB





Launch of Global Initiative on AI for Health @ AI4G Summit 2023

Global Initiative on AI for Health (GI-AI4H)



World Health
Organization

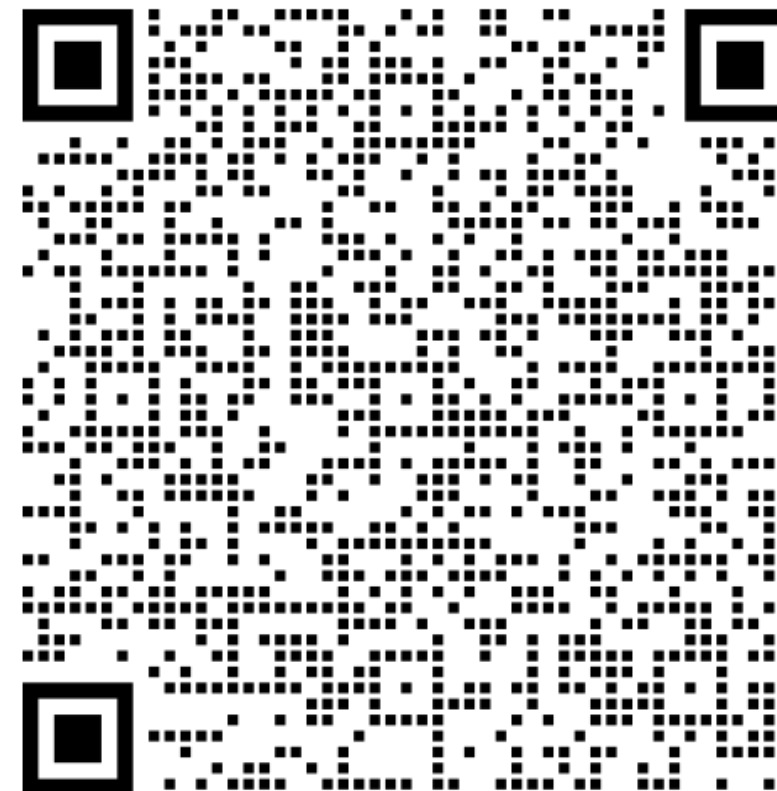
WIPO



Origins: **ITU-WHO Focus Group on AI for Health (2018-2023)** benchmarking framework & its deliverables

Produced **36 documents** under four pillars:

- Ethics
- Regulatory guidance
- Technology
- Clinical evaluation and use cases



Read the final FG-AI4H report

“Shaping ethics, regulation and standardization in AI for Health”

AI and the environment

Lifecycle of Artificial Intelligence



Ongoing standards work

How to calculate the GHG emissions and energy efficiency of AI



-
-
-

- international roadmap for the standardization of sustainable AI

AI for Agri-Food Security



FG-AI4A

Focus Group on AI & IoT
for Digital Agriculture

AI:

Established in **October 2021** in close coordination with FAO to explore digital technologies that enhance farming operations and global food stability and lay the foundation for standardization.



PURPOSE

Explore, align and build the foundation for AI & IoT adoption in agriculture through standardization, best practices and collaboration.



OUTPUTS

- ✓ Best practices for AI & IoT for agriculture
- ✓ Data management, interoperability framework for agriculture
- ✓ Capacity building and knowledge-sharing
- ✓ Ethics of AI and IoT use in Agriculture
- ✓ International collaboration
- ✓ Glossary of Terms



OVER 400 EXPERTS

collaborated on FG-AI4A from around the world.



GLOBAL INITIATIVE ON AI FOR (AGRI-)FOOD SYSTEMS

Launched in **2025** by ITU, FAO, IFAD and WFP to accelerate AI adoption across the (agri-)food systems value chain and deliver scaling impact.



VISION

A world where AI and digital innovation transform (agri-)food systems to be more productive, inclusive, resilient and sustainable.



WHAT THE GLOBAL INITIATIVE WILL DO

- ✓ Conduct studies on emerging technologies in (agri-)food systems
- ✓ Develop workshops and PoC projects to enhance digital literacy and demonstrate AI solutions
- ✓ Identify priority areas in digital (agri-)food and develop guidelines, frameworks and best practices for production and distribution
- ✓ Mobilize partners and resources to scale solutions and drive real-world impact

KEY UN PARTNERS



ITU

International
Telecommunication
Union



FAO

Food and Agriculture
Organization of the
United Nations



IFAD

International Fund for
Agricultural Development



WFP

World Food
Programme



Read the FG-AI4A
report

“Digital Agriculture:
A Standards Snapshot”



AI for Disaster Management

Global Initiative & Early Warning for all



UNOOSA

1 GLOBAL INITIATIVE

Launched: May 2024



INTERNATIONAL COOPERATION

Promoting collaboration among governments, international organizations, academia, and the private sector.



DATA-SHARING ECOSYSTEMS

Developing secure data sharing frameworks crucial for training robust AI models and enabling effective disaster prediction, mitigation and recovery.



KNOWLEDGE-SHARING & CAPACITY BUILDING

Providing knowledge, tools and resources to empower developing countries to adopt AI solutions for disaster resilience.



PROOF-OF-CONCEPTS & INNOVATION

Identifying, validating and scaling effective AI-driven tools for disaster resilience.



AI STANDARDS & BEST PRACTICES

Developing and promoting AI and data standards across the disaster management lifecycle.



Building on the outcomes of the FG-AI4NDM (Dec 2020 – Mar 2024) and global partnerships across the UN system and beyond.

2 GRANTS & TRAVEL FUNDING



TRAVEL FUNDING
20K \$
received from IUGG



TRAVEL SUPPORT

- 6 experts funded – Frascati (May 2025)
- 15 experts funded – Brussels (Dec 2025)



FOCUS ON INCLUSION

- Experts from low-income countries
- Inclusion of women researchers
- Diverse and equitable participation



PURPOSE

Enable meaningful participation and knowledge exchange to strengthen global collaboration and build local capacity.

3 KEY ACHIEVEMENTS



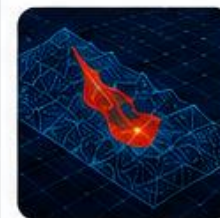
1000+
Participants across meetings and workshops



200+
Experts trained through hands-on sessions



Outcomes published in **nature**



AI for Landslide Challenge
Successfully launched
8000+
Challenge iterations
Solutions submitted



Best Practices adopted for three Horizon Europe Projects



Strong partnerships with ESA, EC, NASA, UN Agencies and more

4 FUTURE ACTIVITIES



FUNDING SUPPORT

- Further funding anticipated from IUGG to support expert participation for AI for Good Global Summit 2026
- Pilot in Asia to implement the best practices of the Global Initiative.



STRATEGIC MEETINGS AND REPORTS

- Fourth Meeting of the GI to take place during AI for Good Global Summit, following a Workshop on **7 July 2026** (morning)
- Challenge with WMO, UNCCD and ECMWF on AI for Drought
- Publishing of the AI for Modeling Report (2026)



AI FOR DISASTER MANAGEMENT DATABASE

- Creation of an LLM-based tool trained on **2.3 Million ArXiv Papers**
- to support research and decipher trends and drive standards-making



TECHNICAL WORK UNDERWAY ACROSS 9 WORKING GROUPS

- Technical work progressing across 9 Working Groups
- Development of AI standards, methodologies and best practices
- Collaborative contributions from experts across academia, industry, governments and international organizations
- Supporting implementation of the Global Initiative roadmap



Learn more about the
Global Initiative to
Natural Hazards
through AI Solutions :





Skills & Capacity



AI Skills Coalition



Innovate for Impact



Robotics for Good
Youth Challenge



AI Readiness
Framework



Machine Learning
Challenges



Young AI Leaders



Impact Initiative



AI Skills Coalition

- From access to action: scaling AI skills, empowering institutions, and enabling AI literacy worldwide.



80+

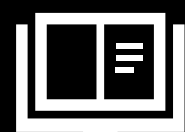
partners



230+

13

**online
courses**



40+

**library
publications**



languages





- The leading UN competition for young people aged 10-18 to put AI and robotics skills into practice by solving global challenges
- Empower the next generation of AI and robotics innovators



2.8K+

teams



60+

countries



20K+

participants
2025-26 edition



43%

**2/3 least
developed
countries**

Robotics for Good
Youth Challenge





Innovation Factory

- Year-long AI startup pitching competition and accelerator platform
- Identify deployable AI solutions to solve global challenges



60+



200+

pitching
competitions
startups
selected

to pitch
150 judges



88+



1K+

countries
from
startups
startup
application
applications



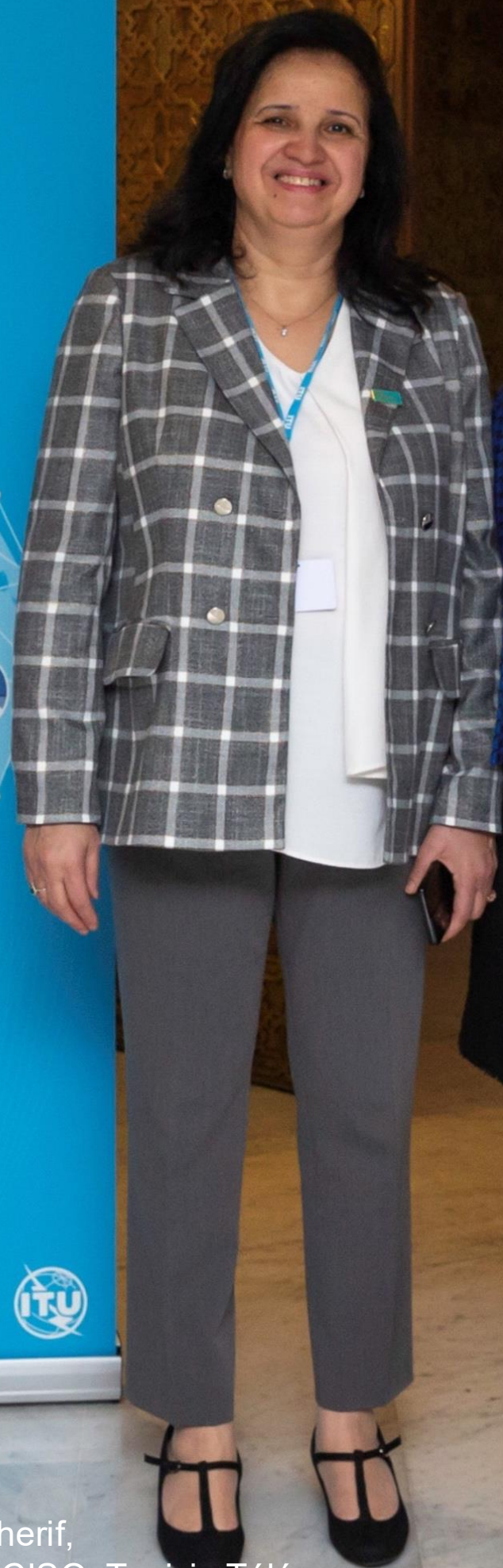
40k+ views

received



Work
Women

Communication
Standardization



Dr Rim Belhassine-Cherif,
Chair, NoW in ITU-T, CISO, Tunisie Télécom

Network of Women in AI & Standards



Platform for knowledge sharing and mentoring



Enhancing women's participation in ITU-T & AI



Raising awareness on gender disparities in the tech sector



Empowering women to step into leadership roles



Join us!
Contact us at NoW-T@itu.int
Learn more at itu.int/go/NOWT





Thank you!

Stay in touch



**United
Nations**