

ITU Events



AI for Good

Global Summit

*Accelerating the United Nations
Sustainable Development Goals*

ALL YEAR
ALWAYS **ONLINE**

aiforgood.itu.int

XPRIZE





AI for Good
Global Summit

| The Summit

THE leading action-oriented, global & inclusive United Nations platform on AI

ALL YEAR, ALWAYS ONLINE

- Organized by



- 38 UN Organizations



- Co-convened by





AI for Good
Global Summit

| The Goals

We have less than **10 years to solve the SDGs** and **AI holds great promise...**

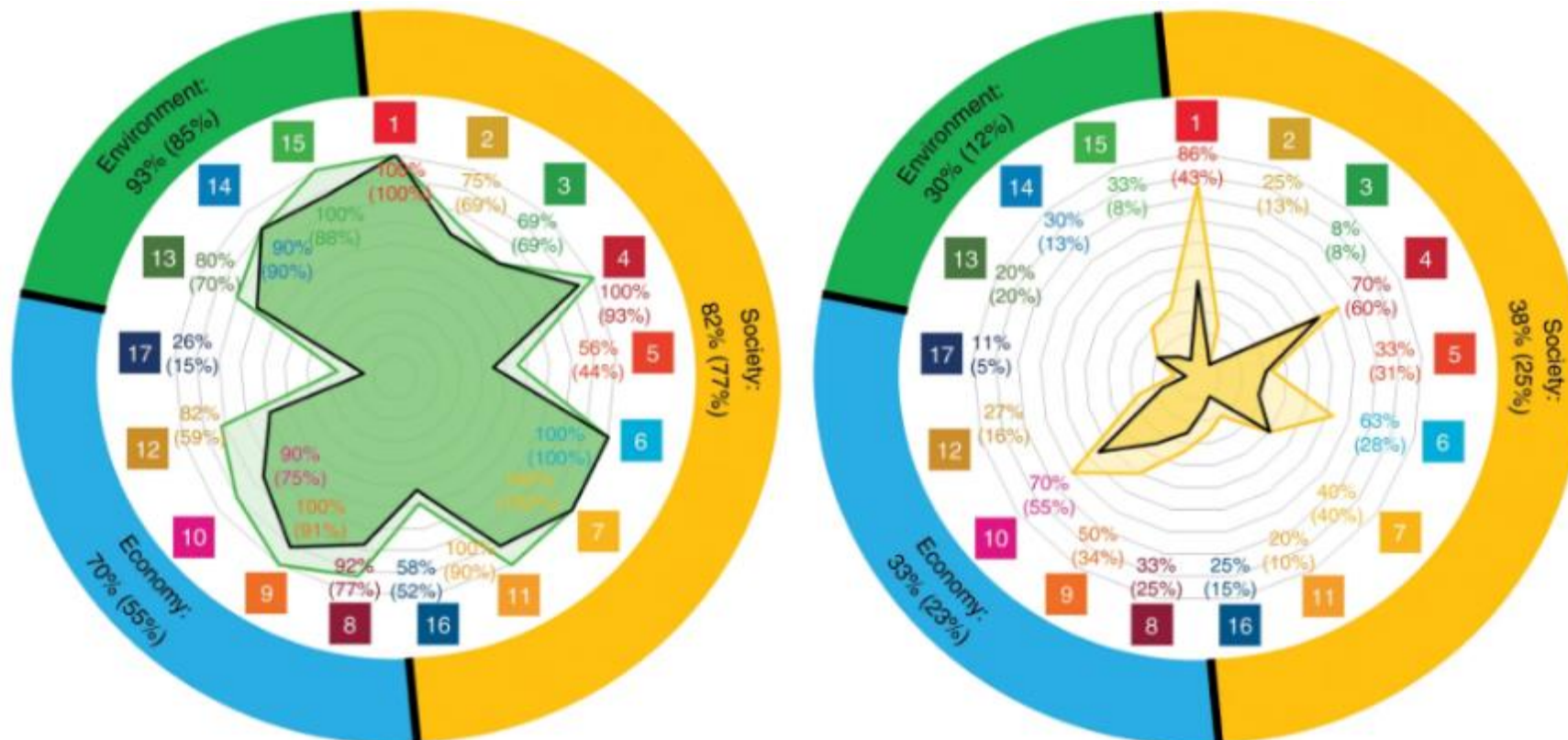




AI for Good
Global Summit

| The Goals

AI can **enable the accomplishment of 134** targets across all the goals...
but it **may also inhibit 59 targets**



Source: *The role of artificial intelligence in achieving the Sustainable Development Goals*, Nature Communications, 13 January 2020



AI for Good
Global Summit

| The Goal of the Summit



Identify
practical
applications of AI



Scale
solutions for
global impact



Accelerate
progress towards
the UN Sustainable
Development
Goals





AI for Good
Global Summit

| 38 UN Organizations



Food and Agriculture
Organization of the
United Nations



ICAO



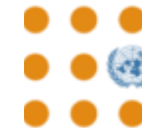
INTERNATIONAL
MARITIME
ORGANIZATION



IOM
UN MIGRATION



UNECE



UNFPA



UNAIDS



UN DESA

unicef
for every child



UNIDIR
UNITED NATIONS INSTITUTE
FOR DISARMAMENT RESEARCH



unitar
United Nations Institute
for Training and Research



UNISDR
United Nations Office for Disaster Risk Reduction

UN HABITAT
FOR A BETTER URBAN FUTURE



WORLD
METEOROLOGICAL
ORGANIZATION



UNODC
United Nations Office on Drugs and Crime



UNITED NATIONS
Office for Outer Space Affairs



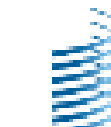
UNITED NATIONS
UNIVERSITY



UNWTO
World Tourism Organization



World Health
Organization



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION



THE WORLD BANK
IBRD • IDA | WORLD BANK GROUP



AI for Good
Global Summit

| Multi-stakeholder **Interdisciplinary** Inter-generational





AI for Good
Global Summit

| Speakers



CEDRIC VILLANI

AI advisor to President
Macron, Mathematics
Fields Medal Winner



FEI-FEI LEE

Director, SAIL, Chief
Scientist of AI, Google Cloud



TIMNIT GEBRU

Computer Scientist, Ethical AI
Team at Google



YAN HUANG

Director of AI Innovation,
Baidu



JIM HAGEMANN SNABE

Chairman of the Board of
Siemens



YOSHUA BENGIO

Head of the Montreal
Institute for Learning
Algorithms



JOANN STONIER

Chief Data Officer Mastercard



VLADIMIR KRAMNIK

14th World Chess Champion





AI for Good
Global Summit

| Speakers



**TEDROS ADHANOM
GHEBREYESUS**
Director General,
WHO



CÉCILE CABANIS
EVP, CFO, Member of the
Board of Directors of Danone



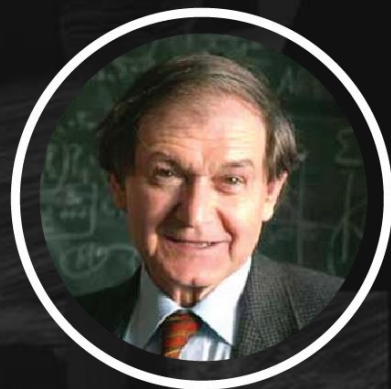
WENDELL WALLACH
Consultant, Ethicist, and
Scholar at Yale



ALPNA J DOSHI
Group CIO, Philips



HADAS BITRAN
Head of Microsoft Healthcare
Israel



ROGER PENROSE
Emeritus Rouse Ball Professor
of Mathematics, University of
Oxford



FRANCESCA ROSSI
IBM Fellow; Professor at
University of Padova, Research
Scientist at IBM Research



STUART RUSSELL
Professor of Electrical
Engineering and Computer
Sciences, UC Berkeley





AI for Good
Global Summit

| Speakers



MUHAMMAD YUNUS

Nobel Prize winner,
"Banker to the poor"



RAY KURZWEIL

Best-selling author, futurist,
inventor



ANOUSHEH ANSARI

CEO, Space Ambassador; first
female private space explorer



**STELLA TEMBISA NDABENI-
ABRAHAMS**

Minister of communications & digital
technologies, Republic of South Africa



BURR SETTLES

Head of Research and AI,
Duolingo



RIANE EISLER

Social Systems Scientist,
Cultural Historian, and
Attorney



MISSY CUMMINGS

Professor, Department. Of
Electrical and Computer
Engineering, Duke University



SHWETAK PATEL

Professor in Computer Science
and Engineering, University of
Washington; 2018 ACM Prize in
Computing Recipient





AI for Good
Global Summit

| Leveraging the digital opportunity



70k+

cumulative
session views

countries

developed



104



50



18k+

AI for Good global
community



350+

hours of created
content



54% Male speakers

46% Female speakers

154+ countries

300+ registered
participants
per session

industry, UN,
government, academia
and NGOs sectors





AI for Good
Global Summit

| Products

Learn



AI for Good
Keynotes



AI for Good
Webinar Series



AI for Good
Perspectives



AI for Good
On the Go

Build



AI for Good
Breakthroughs



AI for Good
Innovation Factory



AI for Good
Repository



AI for Good
Machine Learning
5G Challenge

Experience



AI for Good
Artistic Intelligence



AI for Good
Demos

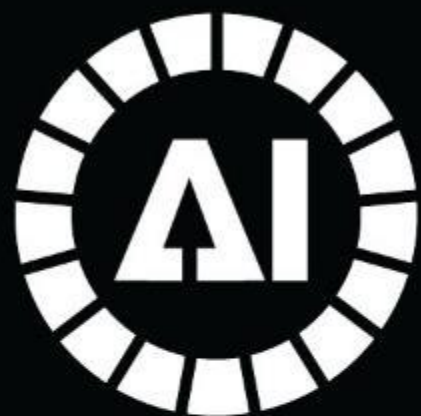




AI for Good Innovation Factory

*Start-ups, ideas, challenges
realized.*





AI for Good

Artistic Intelligence

In partnership with 

*AI-powered visions for a
sustainable future*

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AI for Good
Global Summit

| ITU AI Related Focus Groups & Initiatives



AI: + **AI for Health**
ITU-WHO Focus Group

AI: @ **Machine Learning
and 5G**
ITU Focus Group

AI: ☀ **AI for Environmental
Efficiency**
ITU Focus Group

AI: 🚗 **AI for Autonomous
and Assisted Driving**
ITU Focus Group

AI: 🌐 **AI and Data Commons**
Global Initiative

AI: 🌐 **2020 UN Activities on
Artificial Intelligence**
UN Compendium



ITUTech

AI:+

AI for Health

ITU-WHO Focus Group

itu.int/go/fgai4h



World Health
Organization





AI for Health

ITU-WHO Focus Group

Developing a benchmarking process for health AI models that can act as an international, independent, standard evaluation framework.

Collaboration from medical, public health, AI, data analytics, and policy experts.

itu.int/go/fgai4h



World Health
Organization



ITU Tech



AI for Autonomous and Assisted Driving

ITU Focus Group

itu.int/go/fgai4ad





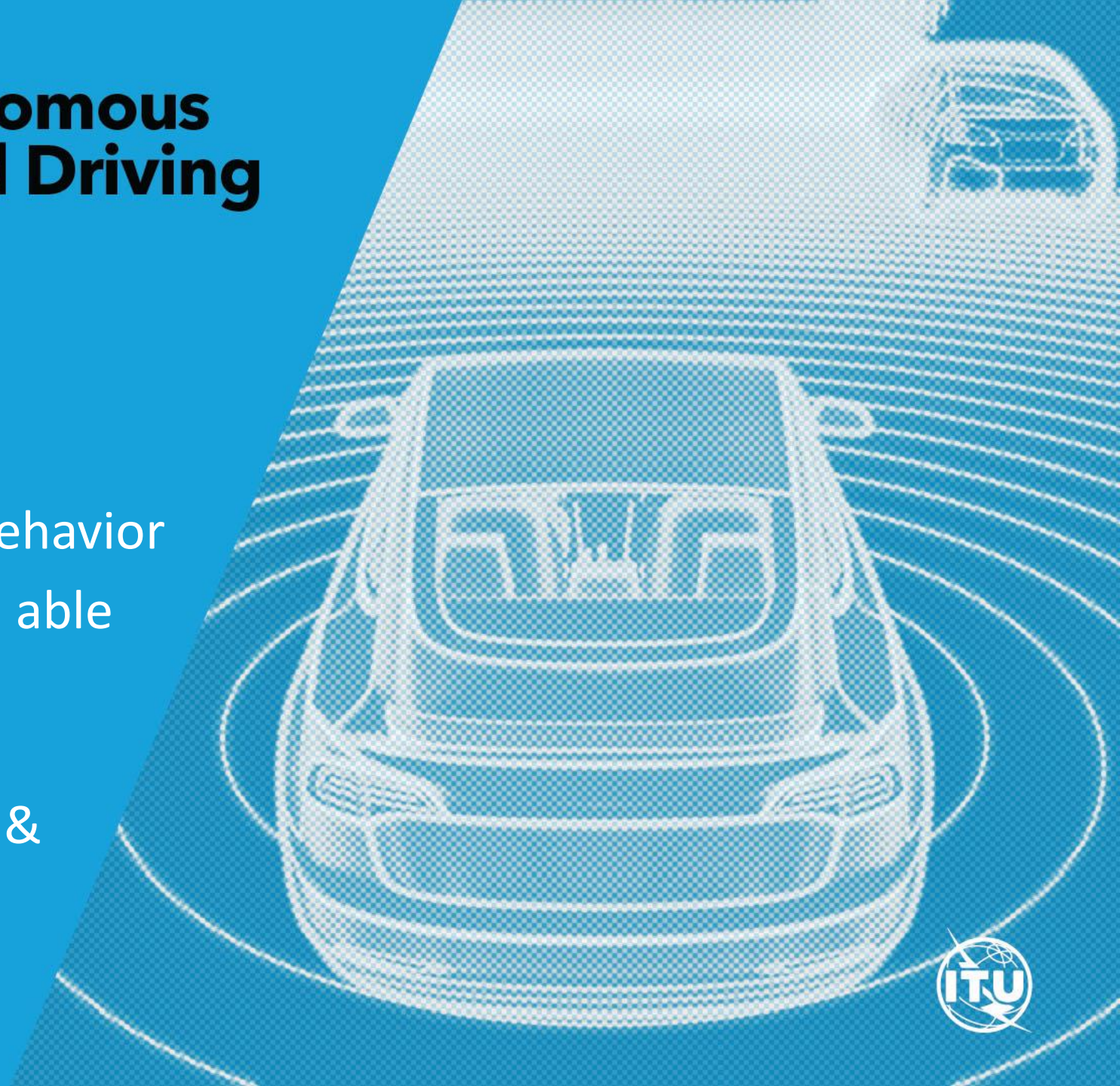
AI for Autonomous and Assisted Driving

ITU Focus Group

Define a minimal acceptable performance threshold:

- AI never engages in careless, dangerous, reckless driving behavior
- AI remains aware, willing and able to avoid collisions at all times
- AI meets, or exceeds, the performance of a competent & careful human driver

itu.int/go/fgai4ad



ITUTech



Machine Learning in 5G

ITU Focus Group

itu.int/go/fgml5g





Machine Learning in 5G

ITU Focus Group

ITU's AI/ML Toolkit provides a common framework for today's and future networks:

- Interfaces
- Network architectures
- Protocols
- Algorithms
- Data formats

itu.int/go/fgml5g



ITUTech



AI for Environmental Efficiency

ITU Focus Group

itu.int/go/fgai4ee





AI for Environmental Efficiency

ITU Focus Group

Develop a sustainable approach to:

- Virtual, augmented and extended reality
- Smart manufacturing
- Industry 5.0
- Cloud/edge computing
- Nanotechnology
- 5G

itu.int/go/fgai4ee



ITU Tech



AI and Data Commons

Global Initiative

itu.int/go/aidatacommons





AI and Data Commons

Global Initiative

A collaborative platform to support the implementation of beneficial AI based solutions:

- Match problem owners with solution providers using AI and data
- Scale and sustain AI-based projects
- Make resources
- Increase the visibility and reach of existing standards, specifications, reports, guidelines, etc.

itu.int/go/aidatacommons



ITU Report



2020 UN Activities on Artificial Intelligence

UN Compendium

aiforgood.itu.int/united-nations





2020 UN Activities on Artificial Intelligence

UN Compendium

- Report + new online portal reporting on UN AI related activities and projects
 - ✓ 37 UN agencies & bodies
 - ✓ 260+ AI use cases and projects
 - ✓ 75% increase in activity
 - ✓ Browse UN AI activities by agency
 - ✓ Good visibility for agencies
 - ✓ More features coming soon...

aiforgood.itu.int/united-nations





Time to move the needle.

#AlforGood

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AlforGood



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@ITU AlForGood



Group



ITU News



Website



ai@itu.int



*Volunteers welcome!
Please reach out for details*

**Shape
the future of
#AlforGood**

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