

CREATING A FAIR AND OPEN SMART CITY ECOSYSTEM

Telecommunication Standardization Bureau

(May 2019)



ITU Telecommunication Standardization Sector

The ITU Telecommunication Standardization Sector (ITU-T) is a platform for governments and the private sector to coordinate development of the telecommunication networks and services that connect the world

Goals of ITU-T

- To develop interoperable, non-discriminatory international standards (ITU-T Recommendations)
- To assist in bridging the standardization gap between developed and developing countries
- To extend and facilitate international cooperation among international, regional and national standardization bodies

Snapshot of ITU-T Achievements

Over 3000 participants at ITU-T Study Group and regional meetings

Over 600 participants at ITU-T Focus Groups



Snapshot of ITU-T Achievements

Digital TV | Multimedia, Content & Apps

October 26, 2017

ITU, ISO and IEC receive another Primetime Emmy for video compression (VIDEO)

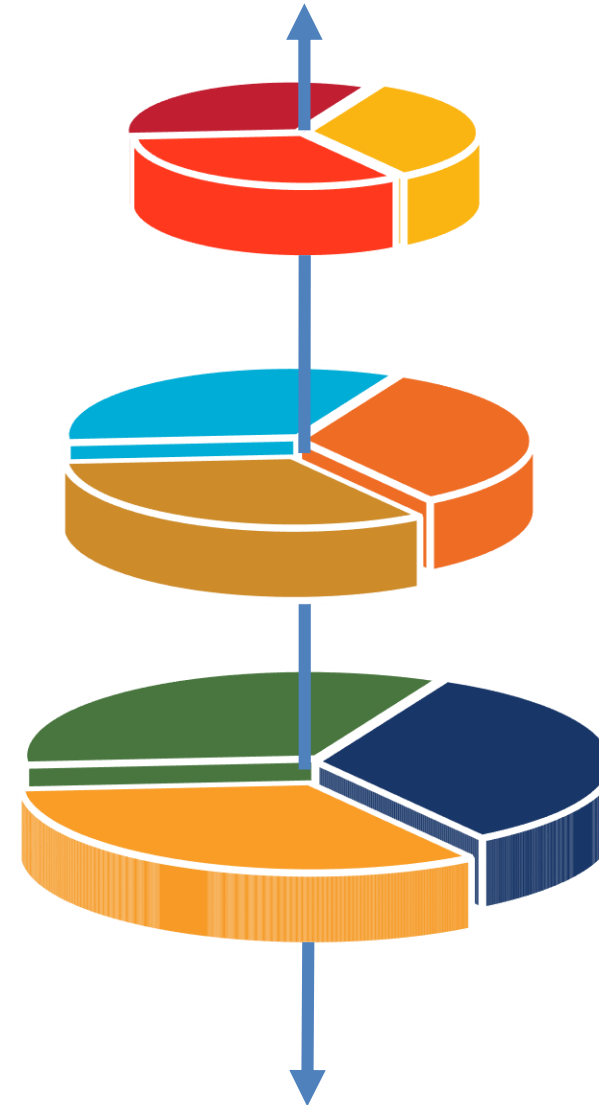
By ITU News

The US Academy of Television Arts & Sciences has awarded a Primetime Emmy for outstanding achievement in engineering to the expert group responsible for 'High Efficiency Video Coding', the video compression standard that has emerged as the primary coding format for Ultra-High Definition (UHD) TV.

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2030 Agenda for Sustainable Development



Bridging the divide



Infrastructure



Innovation and partnership



ITUEvents

AI for Good Global Summit

*Accelerating progress
towards the SDGs*

28-30 May 2019
Geneva, Switzerland

#AIforGood

In partnership with

XPRIZE



Organized by



Other Initiatives

Financial Inclusion Global Initiative (FIGI) Symposium

- provides a unique to share experiences about digital financial models;
- showcases digital financial inclusion initiatives and innovations
- provides thought leadership on digital financial inclusion strategies and innovations

New and
Emerging
Technologies

United Smart Sustainable Cities (U4SSC)

- provides platform for discussions on smart city transitions
- partnership between 16 United Nations agencies
- publishes guidelines use-cases on smart sustainable city expeditions

ITU Smart Incubator

#ITUINCUBATOR



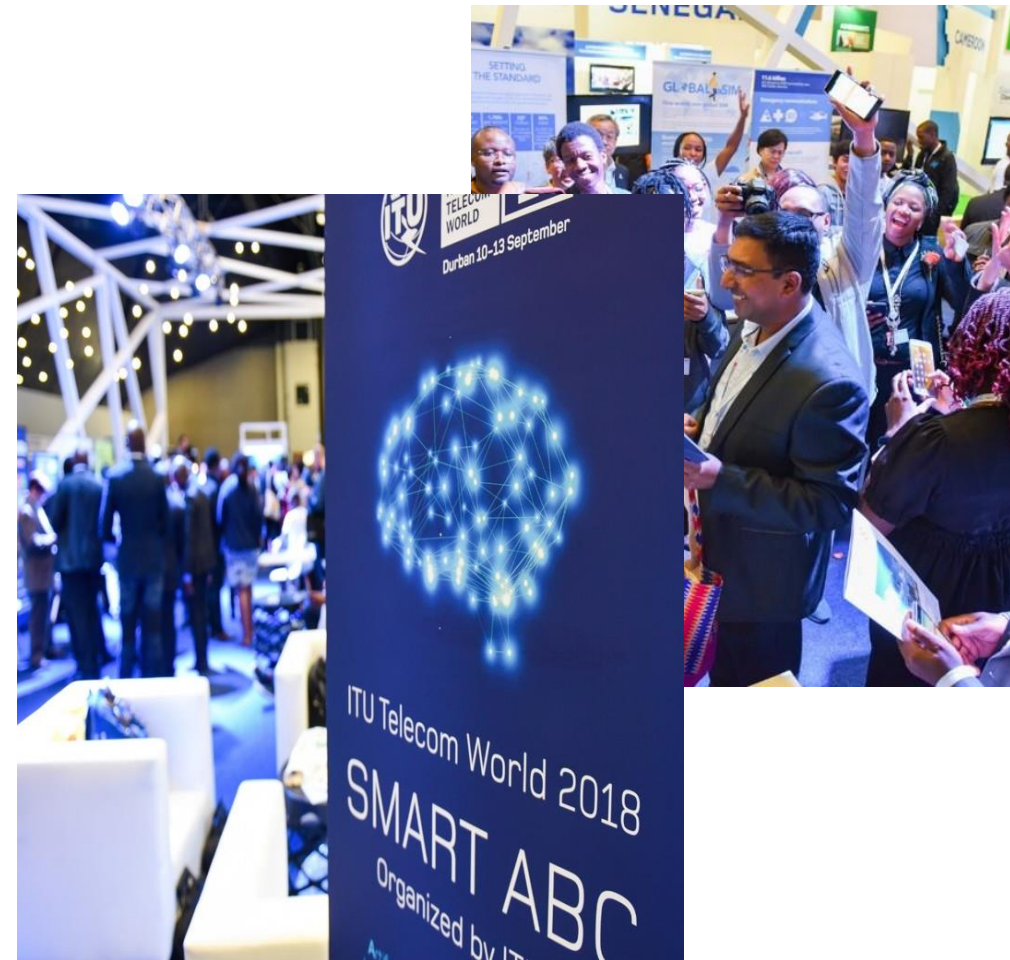
ITU Smart Incubator

A programme created to **assist and support technology-oriented entrepreneurs and start-ups** in the early development stages including but not limited to Artificial Intelligence (AI), Blockchain and Internet of Things (IoT).

The ITU Smart Incubator was launched in **September 2018** at the **ITU Telecom World in Durban, South Africa**, with special thanks to Saudi Arabia and Rwanda for their financial support.

Its goal is to enable change through digital transformation by **empowering local entrepreneurs and start-ups**. The work of this programme is linked to the United Nations Sustainable Development Goals (SDG).

The ITU Smart Incubator is a multi-stakeholder platform that includes **Member States, UN specialized agencies, Standards Development Organizations, Industry, Academia and Foundations**.



Goal

DIGITAL TRANSFORMATION

Enabling change through digital transformation by empowering local entrepreneurs/startups.



Multi-Stakeholder Platform



MEMBER STATES



UNITED NATIONS
AGENCIES



STANDARDS
DEVELOPING



INDUSTRY



ACADEMIA



FOUNDATIONS

Linked to



SUSTAINABLE DEVELOPMENT GOALS



The Programme: 4 Pillars

The ITU Smart Incubator is an one year programme, where entrepreneurs are supported in the following areas:

Additional UN/Academia/Industry Partners to be confirmed

Technical Know-How

Assessment and assistance to start-ups to commercialize the technological solutions based on, but not limited to Artificial Intelligence (AI), Blockchain and Internet of Things (IoT) and linking them to current ITU Standards.



Business Development

Start-ups will be mentored in building business models around their technology – with the aim of growing globally.



Intellectual Property Rights

Knowledge sharing and assistance to start-ups in understanding and applying Intellectual Property Rights.

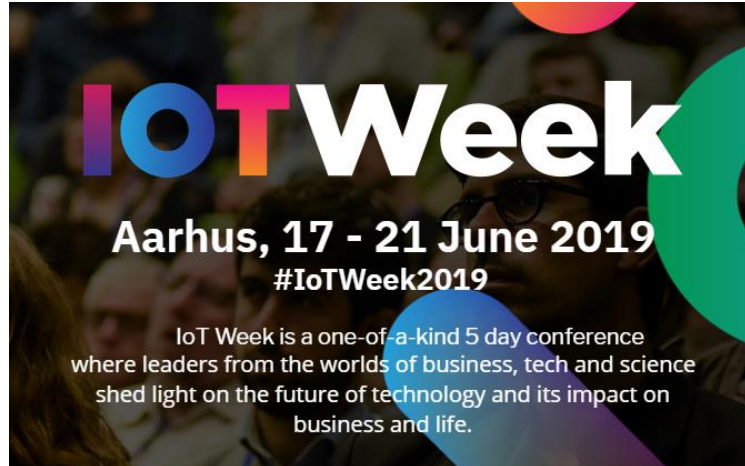


Outreach and Networking

As part of the incubator programme start-ups will attend and showcase at world class events, pitch their ideas and meet world leaders.



Events



ITU TELECOM WORLD
9-12 September 2019
Budapest Hungary

BETTER SOONER

ITU TELECOM WORLD 2019

WHY PARTNER?

Become a partner of the ITU Smart Incubator



Bridge the standardization gap and foster economic transformation



Detect and unleash emerging skills, new technologies and demands towards driving the creation of future SMEs



Contribute towards the achievement of the Sustainable Development Goals



Deliver social and economic benefits in Verticals such as Education, Healthcare, Business, Agriculture

Contact us to at incubator@itu.int or visit www.incubator.itu.int

Success Stories



ARTIFICIAL INTELLIGENCE

DocRep
An application for a durable safe and controlled storage system with documents that are certified by the issuer institution, making this application unique.



BANKING/BLOCKCHAIN

Casual Payroll
Aims to automate payments for casual workers by using biometric fingerprint and face recognition to generate automated payrolls.



CITIES (IOT)

FairDist Project
A web based application used to store data, manage, control, and monitor the process to ensure that cows are delivered to the right beneficiaries.

Thank You!

Please contact the
U4SSC and Smart
Incubator team for
more information`

<https://www.itu.int/en/ITU-T/studygroups>