

ITU REGIONAL DEVELOPMENT FORUM FOR ASIA-PACIFIC

**ITU**RDF  
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21-22 May 2018  
Bangkok, Thailand

<https://www.itu.int/en/ITU-D/Regional-Presence/ASIAPACIFIC>

**Session 3: ASP2:  
Harnessing ICTs to support the digital economy and an inclusive  
digital society**



## Harnessing ICTs to support the digital economy and an inclusive digital society

**Objective:** To assist Member States in utilizing information and communication technologies (ICTs) to reap the benefits of the digital economy and in addressing the human and technical capacity challenges for bridging the digital divide.

### Expected results (6)

- 1) Planning and elaboration of national strategic frameworks on the digital economy as well as associated toolkits for selected ICT applications and services.
- 2) Establishment and annual updating of a repository of all work done within ITU relating to the digital economy since the World Telecommunication Development Conference (Dubai, 2014).



# Harnessing ICTs to support the digital economy and an inclusive digital society

## Expected results (Continued)

- 3) Development of policies, strategies and guidelines for practical implementation, including for the Internet of Things (IoT) and smart cities.
- 4) Deployment of ICT/mobile applications to improve the delivery of value added services in sectors such as health, education, agriculture, governance, energy, financial services and e-commerce.
- 5) Identification, collation and sharing of knowledge, best practices and case studies on various telecommunication/ICT applications.
- 6) Development of cross-sectoral national digital skills programmes for inclusiveness, especially for women, youth, the elderly and persons with specific needs.



# Goals for a Sustainable Future : The SDGs



**17** Sustainable Development  
Goals and  
**169** Targets



Emergency



Education



Health



Agriculture



Governance



Investment



Applications



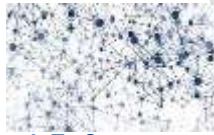
Policy & Regulation



Capacity Building



Transport



IoT, Sensor Networks



Universal Broadband



Green ICT & E-Waste



Measurements



Electricity



**SMART CITIES  
SMART COMMUNITIES**



Infrastructure Security



Privacy & Security



Water



Digital Inclusion



Spectrum Management



Standards, Conformity & Interoperability



Teleworking

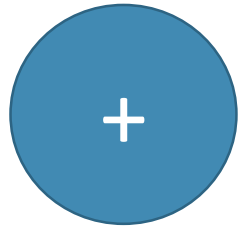
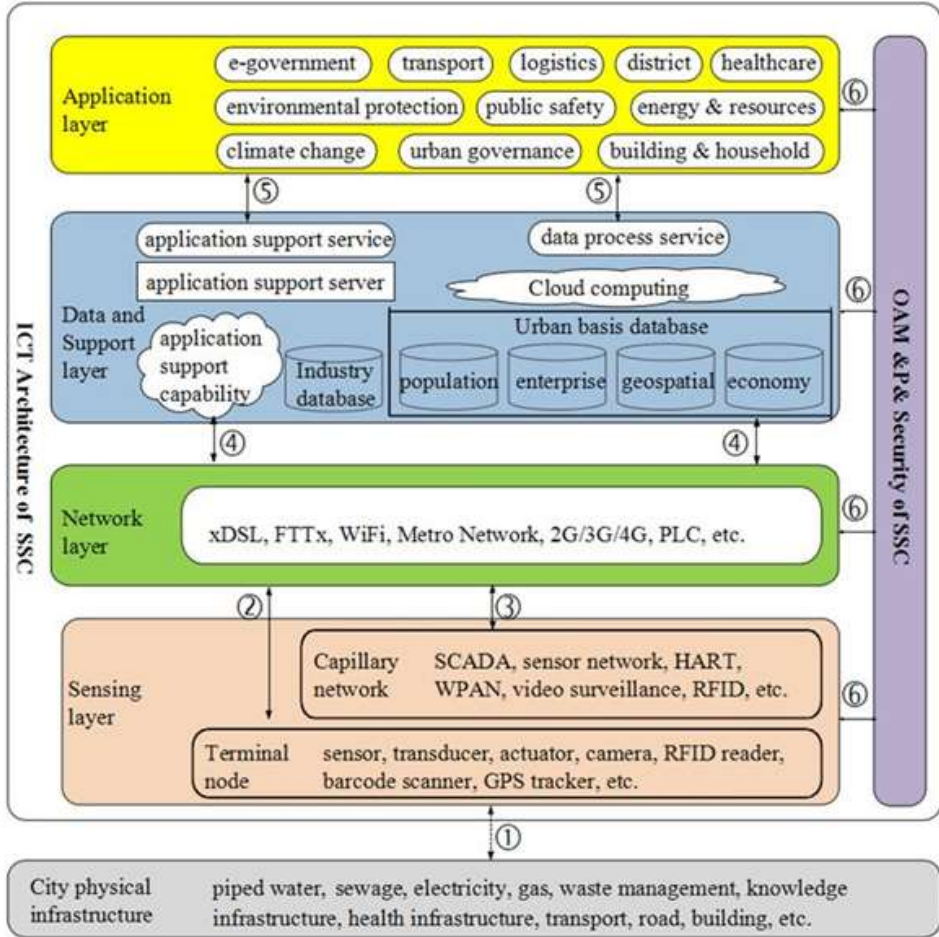
*ICTs are cross-sectoral and being deployed by all sectors.*

*The data and information can be used across sectors.*

*Digital payment will trigger services in all sectors*



# We are sitting on an opportunity curve in this digital society..



Enabling Environment, Digital Inclusion

Skills and capacity Building

Innovation

Source: ITU-T Focus Group on Smart Sustainable Cities

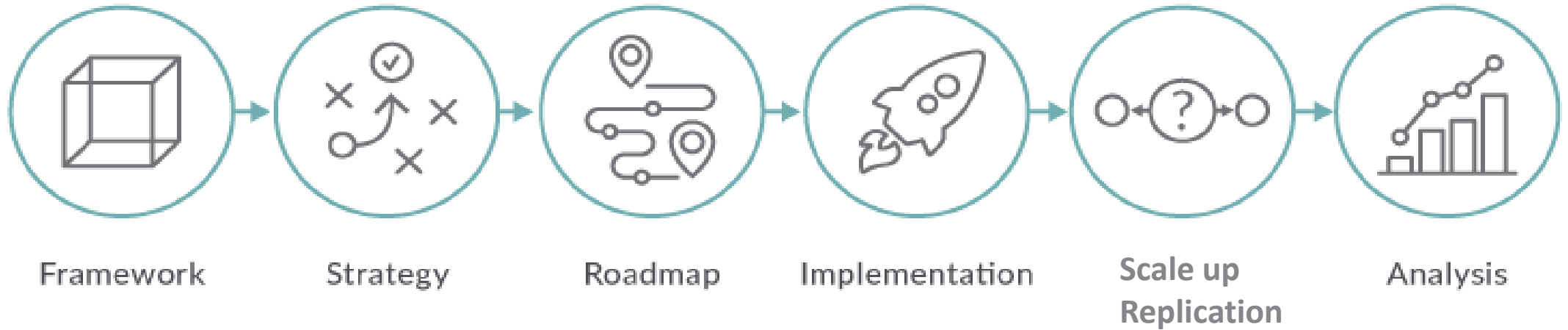


Country/Sector Development priorities:

- Digital Economy agenda
- Universal Health Coverage
- End Hunger, Food security
- Education for all
- Smart City



## Digital transformation process



BDT partnering for digital transformation journey



Based on WTDC-17, BaAP – BDT tools



## **Examples from ITU initiatives on cross-sectoral Asia-Pacific**



# Why an E-agriculture Strategy?



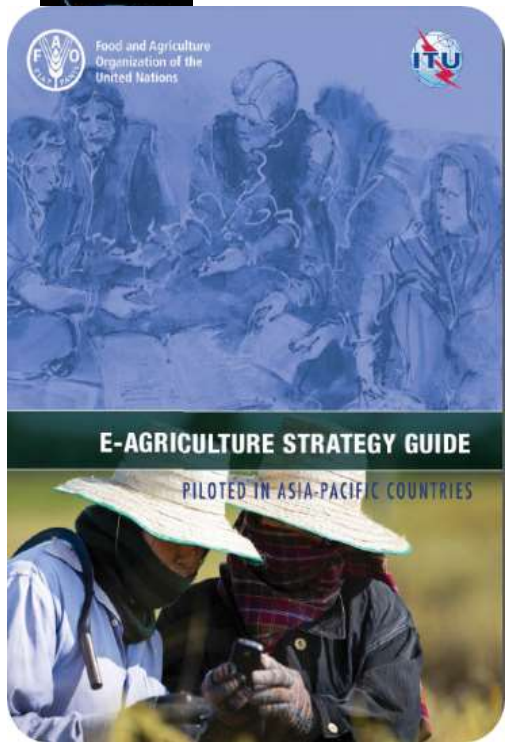
## National E-agriculture Strategy



Food and Agriculture  
Organization of the  
United Nations

*Is a comprehensive framework to develop  
sustainable e-agriculture services/solutions*





## Country Assistances

Afghanistan  
Bhutan  
Fiji  
Papua New Guinea  
Philippines  
Sri Lanka

## Case studies



*Coming up: Special edition on Blockchain*

## Strategy Guide

## Solutions Forum



Food and Agriculture  
Organization of the  
United Nations



# E-agriculture – Asia-Pacific



## **e/m- Health: Collaboration with WHO (India, Philippines)**

*Be He@lthy, Be Mobile*

## **E- education: Collaboration with UNESCO on digital literacy, Digital Citizenship**

## **Digital Financial Services: China, Mongolia, India**

Collaborating with National Governments,  
Development Partners : World Bank, Bill &  
Melinda Gates Foundation



Soft- Infrastructure  
ICT for Better Health Outcomes

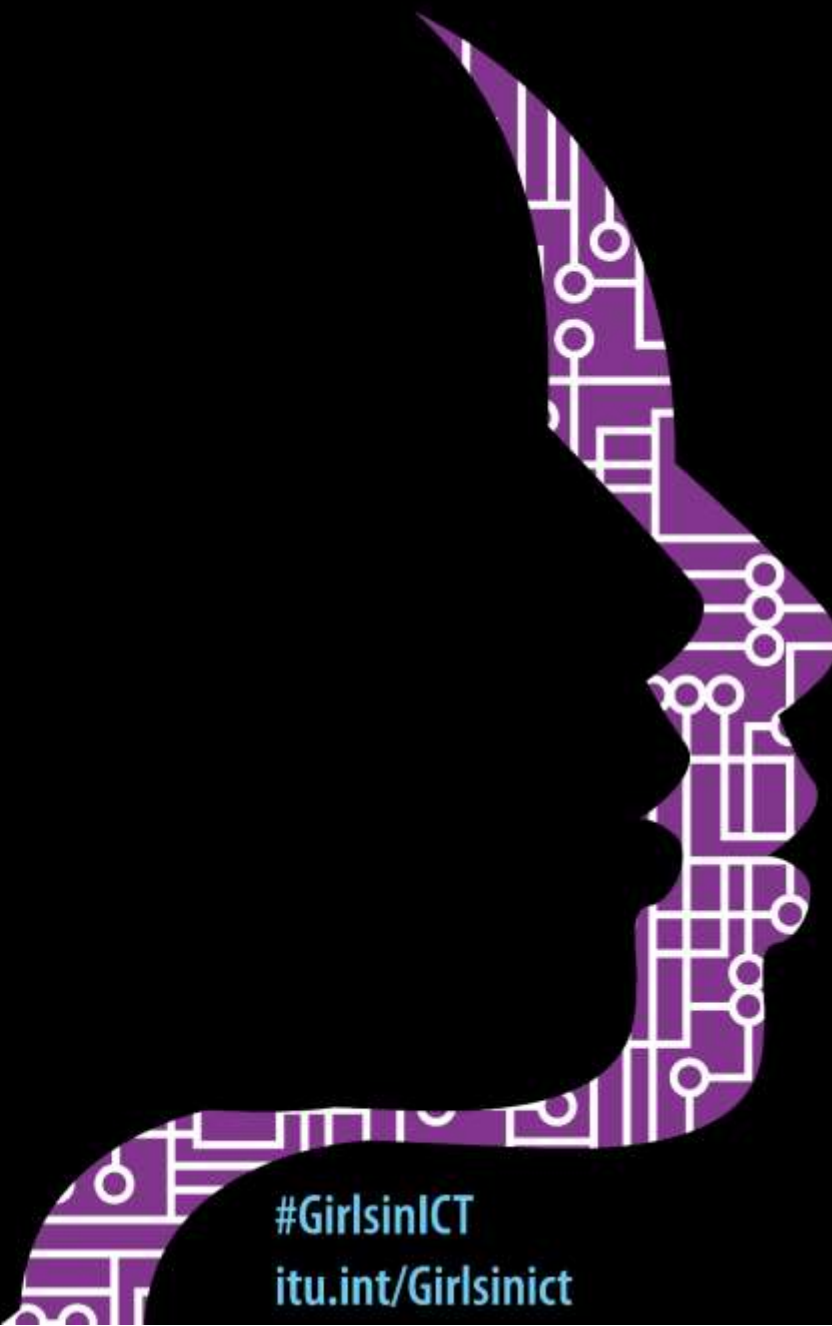


ITU-WHO Partnership

e.g. in ASP Philippines, India



# Girls in ICT Day Celebrations - Asia-Pacific



#GirlsInICT  
[itu.int/Girlsinict](http://itu.int/Girlsinict)

# United 4 Smart Sustainable Cities (U4SSC)



U4SSC is a United Nations Initiative coordinated by **ITU** and **UNECE** that advocates for public policy to encourage the use of ICTs to facilitate and ease the transition to smart sustainable cities.

U4SSC was launched by **ITU** and **UNECE** to respond to the Sustainable Development Goal 11: "Make cities and human settlements inclusive, safe, resilient and sustainable"

## Supported by:



# U4SSC publications



Available for free on the U4SSC website:  
<http://itu.int/go/U4SSC>

# Implementing Key performance indicators for Smart Sustainable Cities Worldwide

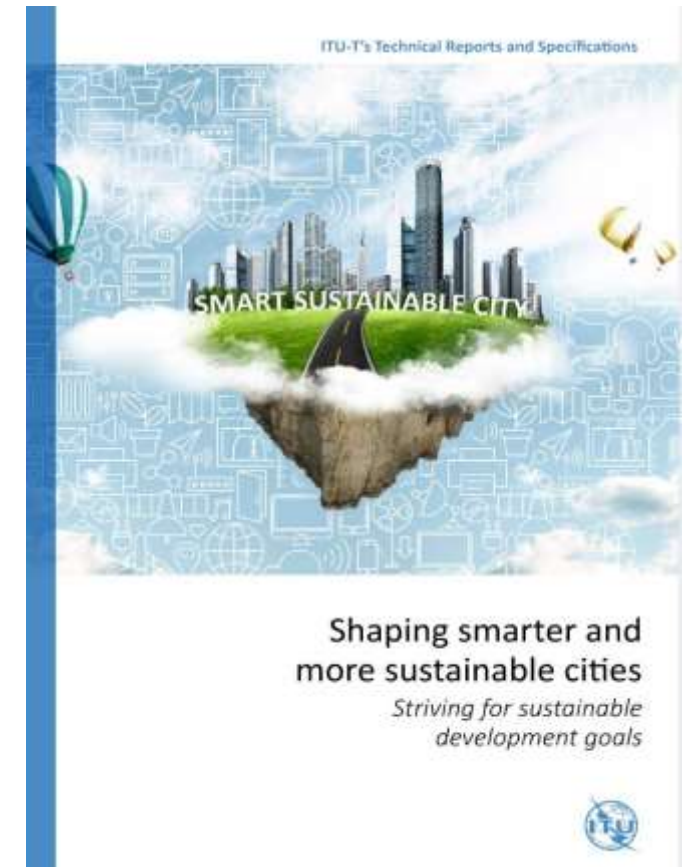


The U4SSC welcome all cities that would like to start their SSC journey!

For more information contact: [u4ssc@itu.int](mailto:u4ssc@itu.int)



# ITU publications on Smart Sustainable Cities





**THANK YOU**