



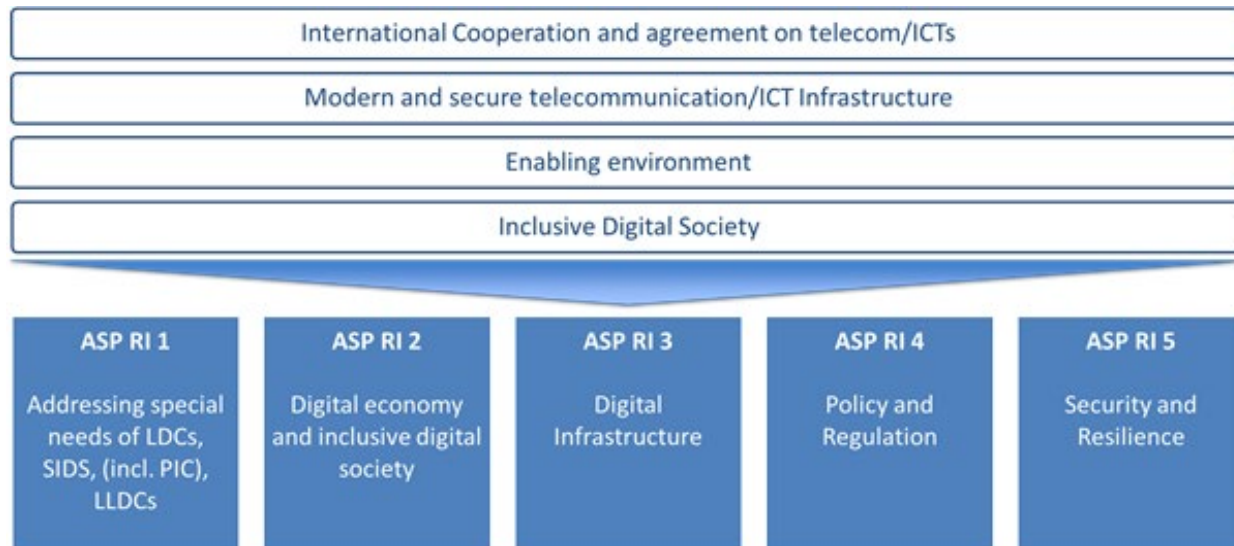
# Webinar on national Digital Skills Assessments

*Preparing for current and future digital society  
in Asia and the Pacific*

**ITU Regional Initiatives and Capacity Development in  
Asia and the Pacific**



## 4 GLOBAL PRIORITIES



## 5 ASIA-PACIFIC REGIONAL INITIATIVES

# Asia and the Pacific Regional initiatives - Areas of challenges

These challenges have been compounded by the COVID-19 pandemic and focused actions are required. Some key observations regarding remaining challenges that need to be addressed through **ITU's regional initiatives, include:**



- The region continues to be challenged by a significant **capacity and skills gap**, which was accentuated during the COVID pandemic lockdowns. While digital literacy and skills were found lacking among vulnerable groups, including the older people and people with disabilities, there is a growing global demand for ICT professionals in cybersecurity, big data and cloud computing, which has already triggered skilled labour migrations from Asia and the Pacific to Europe and North America.













- The **youth community** in the Asia and the Pacific, accounts to 750 million of the global population, remains vulnerable due to the onset of COVID, impacting their economic and education opportunities. A pro-active approach be taken to include youth in the development and decision-making process as government undergoes digital transformation.



- **Digital services** are on the rise both in the public and private sectors, especially since the COVID lockdowns started. However, ministries and agencies do not necessarily coordinate and cooperate in the development and rollout of digital services and related infrastructure, which resulted in a number of services and applications which are difficult to interface, data incompatibility, redundant investments in hardware, software and human resources. *A whole of government approach* is needed to build greater synergies.
- In many countries in the region there is a pronounced **gender gap**, which calls for urgent and targeted actions for gender mainstreaming in policies, regulations and various programmes; such actions will help address the digital divide and open up opportunities to education, employment and other services in this digital era.

# Thematic priorities

-  Networks & digital infrastructure
-  Cybersecurity
-  Emergency telecommunications
-  Digital policy & regulation
-  Digital innovation ecosystems
-  Capacity development
-  Statistics
-  Digital services & applications
-  Digital inclusion
-  Environment

# Overview of ITU activities in the Asia and the Pacific

## Digital Infrastructure

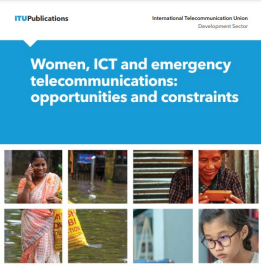


Map schools to identify connectivity gaps

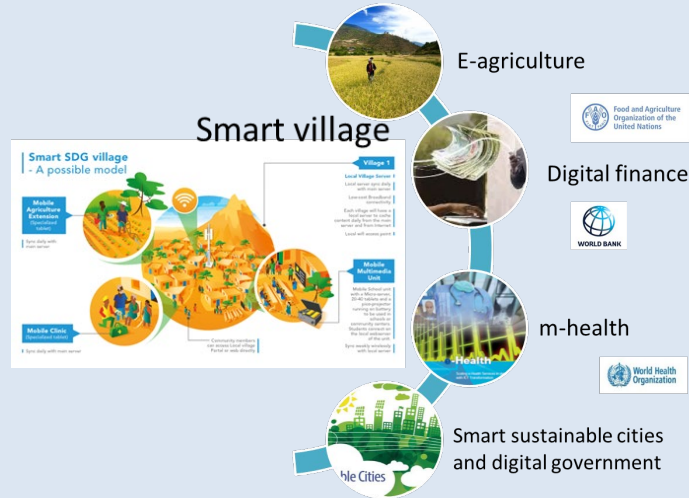
Build affordable and sustainable Finance models

Implement fit-for-purpose infrastructure to Connect schools and ultimately every community and every citizen

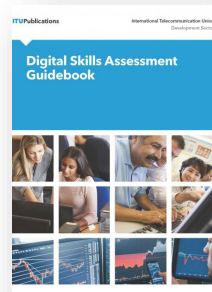
Empower learning and other skills and services via appropriate Digital Public Goods



## Digital Services and Applications



## Digital Inclusion

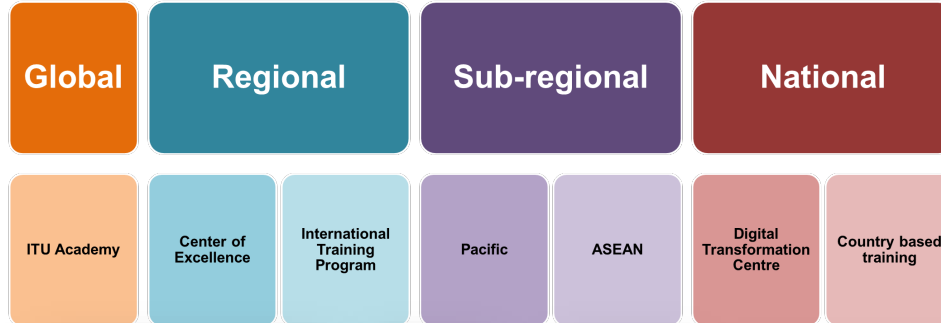


# Capacity Development Initiatives in Asia and the Pacific

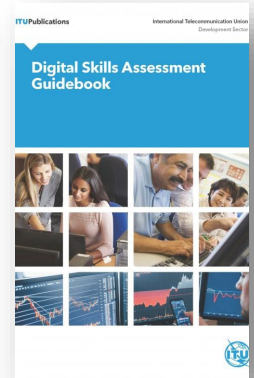
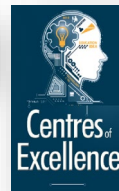
**Objective:** Develop activities that supports the capacity development of ICT professionals and digital skills of people, to improve the level of digital competency of people who acquired the knowledge and skills in Asia and the Pacific.



## 4 Layers of Delivery



**ITU Academy**  
Empowering minds



# Capacity Development Initiatives in Asia and the Pacific

29 ITU Centres of Excellence



Asia-Pacific  
Centres of Excellence

Up to 6 Centres each in

Africa, Americas, Arab, Asia-Pacific, CIS and Europe Region

Name of institution	Country	Priority areas
<b>Advanced Level Telecom Training Centre (AL TTC)</b>	India	Wireless and Fixed Broadband Internet of Things Cybersecurity
<b>China Academy of Information and Communications Technology (CAICT)</b>	China	Conformance & Interoperability ICT Applications
<b>IoT Academy</b>	Iran	Internet of Things
<b>National Information Society Agency (NIA)</b>	Republic of Korea	ICT Applications
<b>State Radio Monitoring Center / State Radio Spectrum Management Center (SRMC)</b>	China	Spectrum Management
<b>Wireless Communication Centre, Universiti Teknologi Malaysia (UTM)</b>	Malaysia	Wireless and Fixed Broadband

Steering Committee comprises of China, India, Iran, Malaysia, Republic of Korea, Thailand and the ITU

# Capacity Development Initiatives in Asia and the Pacific

## 9 ITU Digital Transformation Centres

## 3 Asia-Pacific Digital Transformation Centres

### Government

Provide support for DTCs  
Mobilise communities  
Engage stakeholders within national framework

### Delivery Centres (Community Centres)

Deliver basic and intermediate digital skills training  
Mobilise local resources

### Partners

Provide funding and other forms of support to DTCs  
Provide content and technical expertise  
Provide training facilities and enabling resources

### Digital Transformation Centre

Deliver training (basic and intermediate)  
Establish community training centre networks  
Run Train-the-Trainer program  
Liaise with ITU and CISCO  
Engage with DTC partners

### IT & CISCO

Establish the DTCs  
Facilitate partnerships  
Monitor and evaluate the DTCs  
Provide technical and other forms of support

### Name of institution

### Country

Department of Information and Communication Technology (DICT)

The Philippines

ICT Training and Development Center (BPPTIK)

Indonesia

Papua New Guinea University of Technology (UNITECH)

Papua New Guinea



UNITED NATIONS  
APCICT - ESCAP





# ITU Asia-Pacific Centres of Excellence: Training Programs 2021

## 2021 TRAINING COURSES

(August to December)

ITU Centres of Excellence for Asia-Pacific  
Training opportunities  
2021



### Planned Training Courses

No	Online trainings	CoE	Dates	Venue	Training fees (USD)	Partners
1	Government innovation using digital in the post COVID 19 era	NIA	2 – 29 Aug	ITU Academy	Free	TBC
2	Spectrum Management and Technology Application	SRMC	9 – 22 Aug	ITU Academy	Free	
3	Conformity and Interoperability relating to Industrial Internet	CAICT	16-28 Aug	ITU Academy	Free	
4	Building IoT Solutions for Smart Agriculture	IoT Academy	23 Aug - 3 Sep	ITU Academy	100	
5	Intelligent government based on AI	NIA	1-28 Sep 2021	ITU Academy	Free	
6	Spectrum Management and Spectrum Engineering Techniques	SRMC	6 – 19 Sept	ITU Academy	Free	
7	IOT & 5G in AI Smart City	ALTTC	13 – 24 Sep	ITU Academy	100	
8	Ubiquitous Broadband for Future Generations	ALTTC	27 Sep- 8 Oct	ITU Academy	100	
9	Conformity and Interoperability relating to 5G	CAICT	11-23 Oct	ITU Academy	Free	
10	Human Exposure to Fifth Generation (5G) Electromagnetic Fields: Guidelines, Measurements & Case Studies	UTM	4 – 17 Oct	ITU Academy	150	
11	Internet of Things & Artificial Intelligence: Rejuvenation of Life for Persons with Special/Specific Need	ALTTC	13 – 24 Sep	ITU Academy	100	
12	Internet of Things concerns for implementing Industry 4.0	IoT Academy	8 - 19 Nov	ITU Academy	100	
13	Latest Trends in Satellite Broadband Access	ALTTC	15 – 26 Nov	ITU Academy	100	
14	Trends In Cyber Security & Blockchain Technology	ALTTC	06 Dec – 17 Dec 2021	ITU Academy	100	



# Thank You



Contact Us

ITU Regional Office for Asia and  
the Pacific:

[ituasiapacificregion@itu.int](mailto:ituasiapacificregion@itu.int)



**Twitter URL:**

<https://twitter.com/ITU ASP>

**Official Twitter account:**

@ITU\_ASP



**Official LinkedIn account:**

ITU Regional Office  
for Asia and the Pacific