Telecommunication Development Advisory Group (TDAG)

24th Meeting, Geneva, 3-5 April 2019

Director, Telecommunication Development Bureau

PRESENTATION FOR THE INFORMAL SESSION
ON REGIONAL INITIATIVES FOR ASIA AND THE PACIFIC

Summary:

This document contains the presentation used during the Informal Session on Regional Initiatives for Asia-Pacific, that took place during TDAG-19, on 4 April 2019.

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TDAG

Asia-Pacific Regional Priorities (2018-2021)

.... aligned to accelerate digital transformation and realize and inclusive digital society

International cooperation and agreement on telecom/ICTs
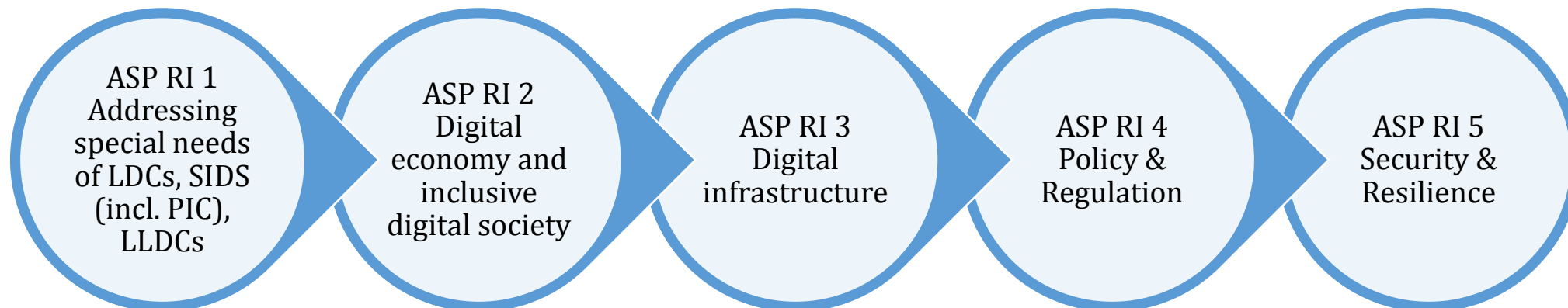
Modern and secure telecommunication/ ICT Infrastructure

4 GLOBAL PRIORITIES

Enabling environment

Inclusive digital society

5 REGIONAL PRIORITIES

ASP RI 1
Addressing special needs of LDCs, SIDS (incl. PIC), LLDCs

ASP RI 2
Digital economy and inclusive digital society

ASP RI 3
Digital infrastructure

ASP RI 4
Policy & Regulation

ASP RI 5
Security & Resilience

Asia & the Pacific Region: Opportunities in Diversity

38 Member States
79 Sector Members
38 Academia

Least Developed Countries (12)

Afghanistan

Bangladesh

Bhutan

Cambodia

Lao, PDR

Nepal

Myanmar

Timor Leste

Land Locked Developing Countries (5)

Low-Income States (10)

Kiribati

Solomons.

Tuvalu

Vanuatu

Fiji

Maldives

Marshalls

Micronesia

Nauru   Tonga

PNG

Samoa

D.P.R. Korea

India

Indonesia

Mongolia

Pakistan

Philippines

Sri Lanka

Vietnam

Small Islands Developing States (12)

The Rest (10)

Australia

Brunei

China/Hong Kong

Iran

Japan

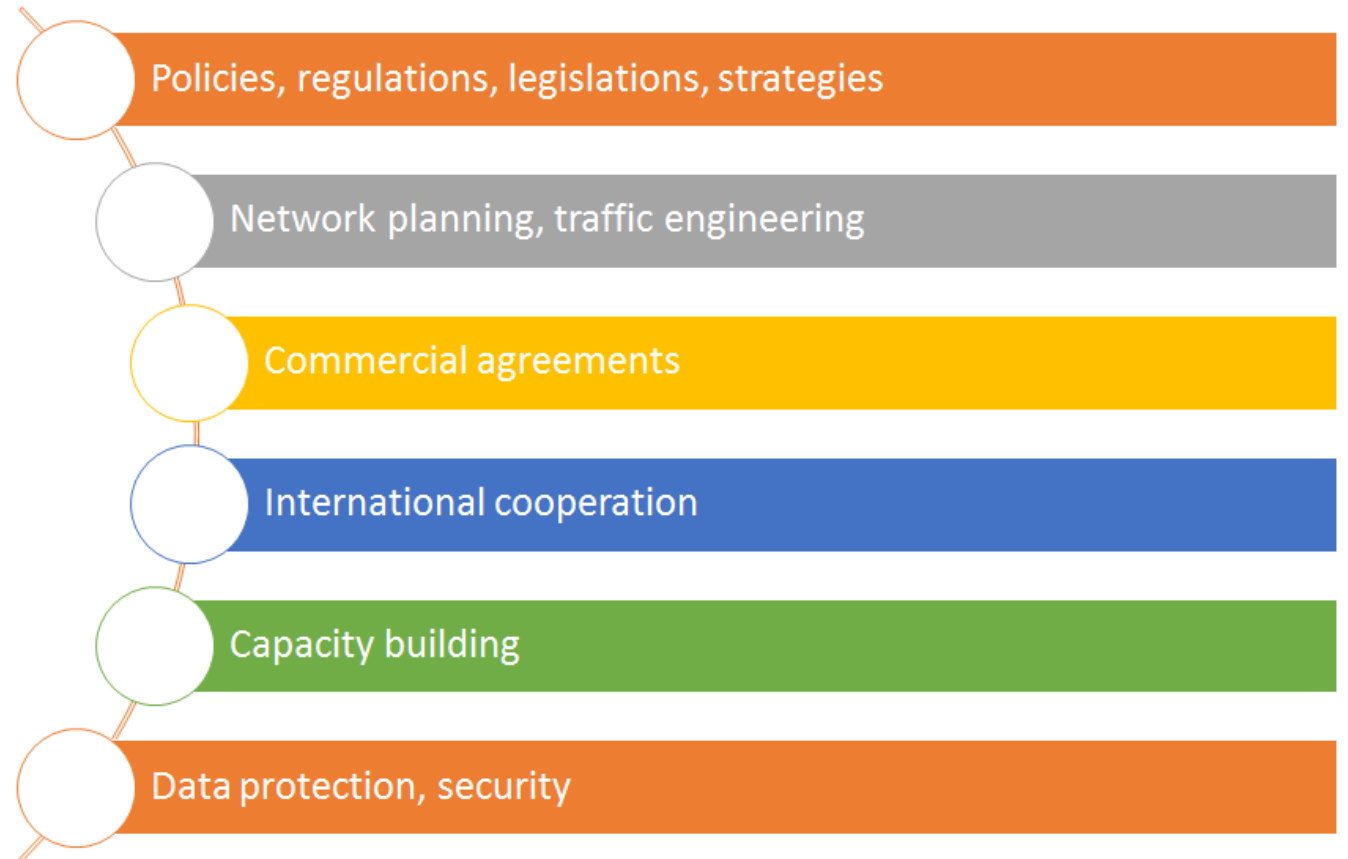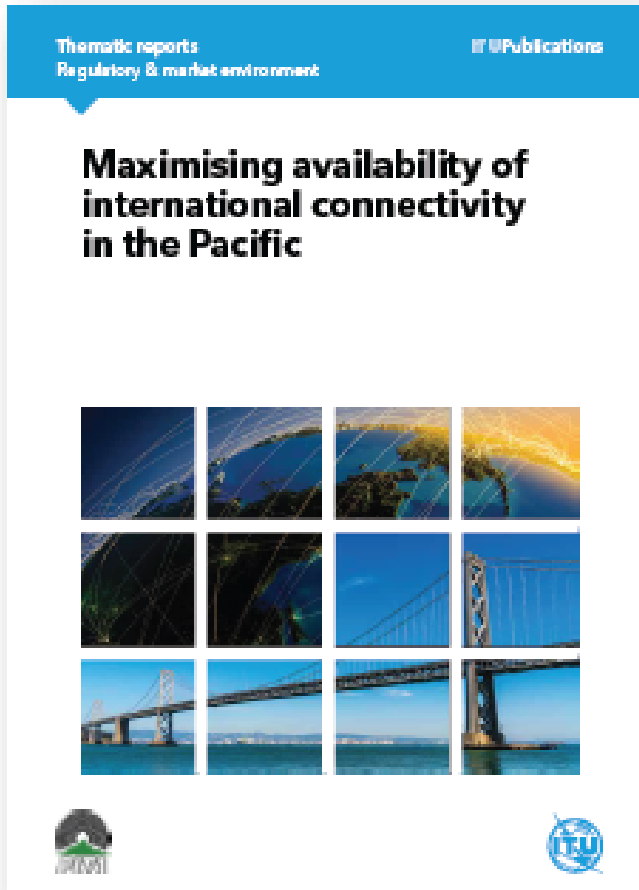Malaysia

New Zealand

R.O. Korea

Singapore

Thailand

Asia & the Pacific Region: Opportunities in Diversity
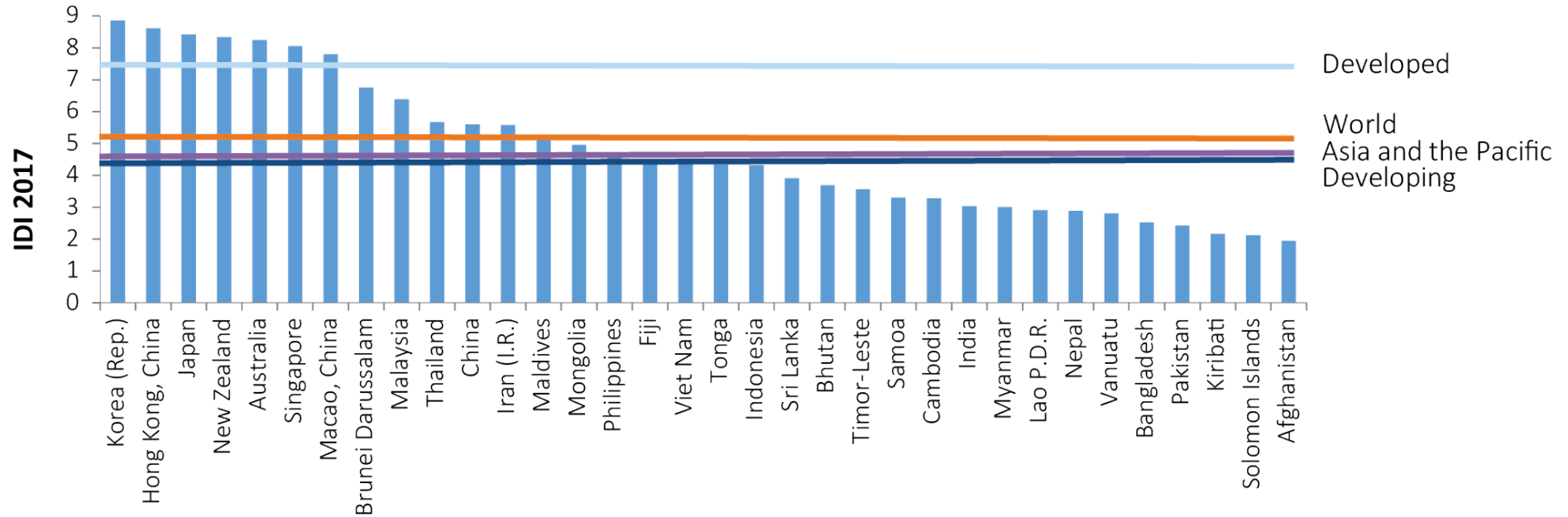
Source: ITU. MIS Report 2017
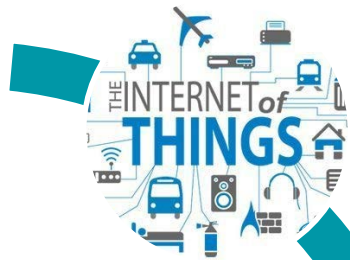
4

Digital Infrastructure - Key to Digital Transformation

Maximising availability of international connectivity in the Pacific

Thematic reports
Regulatory & market environment

ITUPublications

- Policies, regulations, legislations, strategies
- Network planning, traffic engineering
- Commercial agreements
- International cooperation
- Capacity building
- Data protection, security

National Governments

PITA

Australian Government
Department of Communications and the Arts

APT

Food and Agriculture Organization of the United Nations

IOT, DLT, AI, 5G, BIG DATA

Broadband networks,
Analytics, Platforms

IPv6 Roadmaps
Case studies
Forums
Technical assistance
trainings
Projects and Partnerships

IPv6, Internet

Conformity & Interoperability

Bhutan, Brunei, Cambodia, China, Fiji, India,
Mongolia, Pakistan, Sri Lanka, Thailand

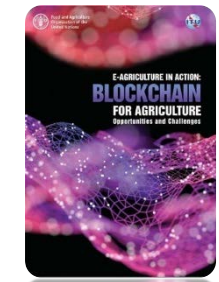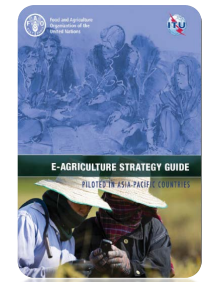# Digital Infrastructure Development

6

E-agriculture

Digital finance

m-health

Smart sustainable cities
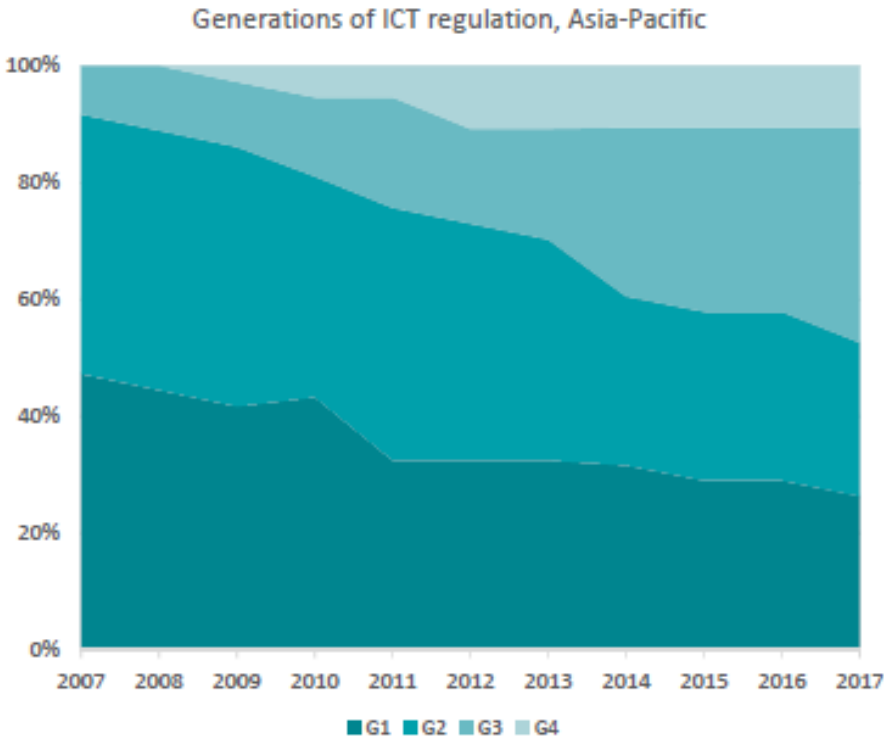and digital government

National strategies
Case studies
Solutions support
Forums
Trainings
Projects and Partnerships

Afghanistan, Bhutan, China, Fiji, India, Mongolia, Pakistan, Papua New Guinea, Philippines, Sri Lanka,

Digital Economy and Inclusive Digital Society

Policy & Regulation

Generations of ICT regulation, Asia-Pacific

State of maturity of ICT regulatory frameworks, Asia-Pacific, 2007 and 2017

Source: ICT Regulatory Tracker, itu.int/go/tracker
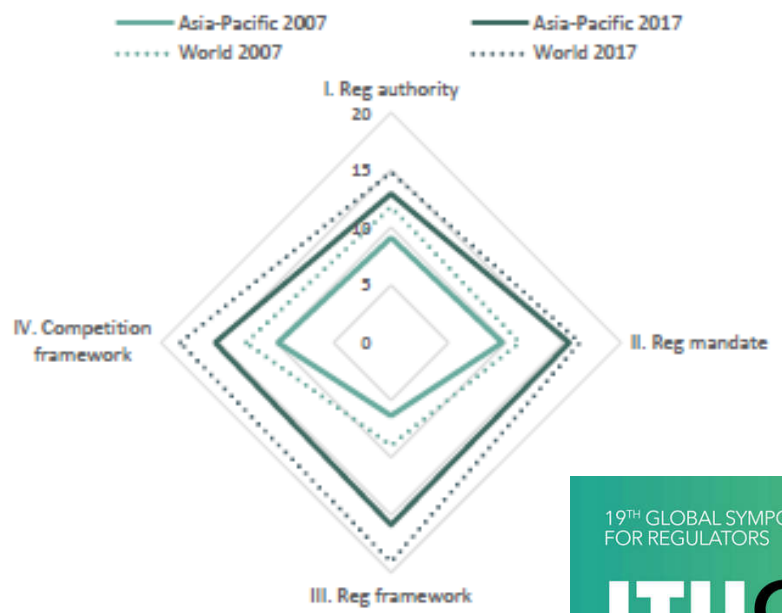
Asia Pacific : Regulators Roundtable

Security, Trust & On-Line Safety are fundamental

Cybersecurity in Asia-Pacific

National Cybersecurity Strategy
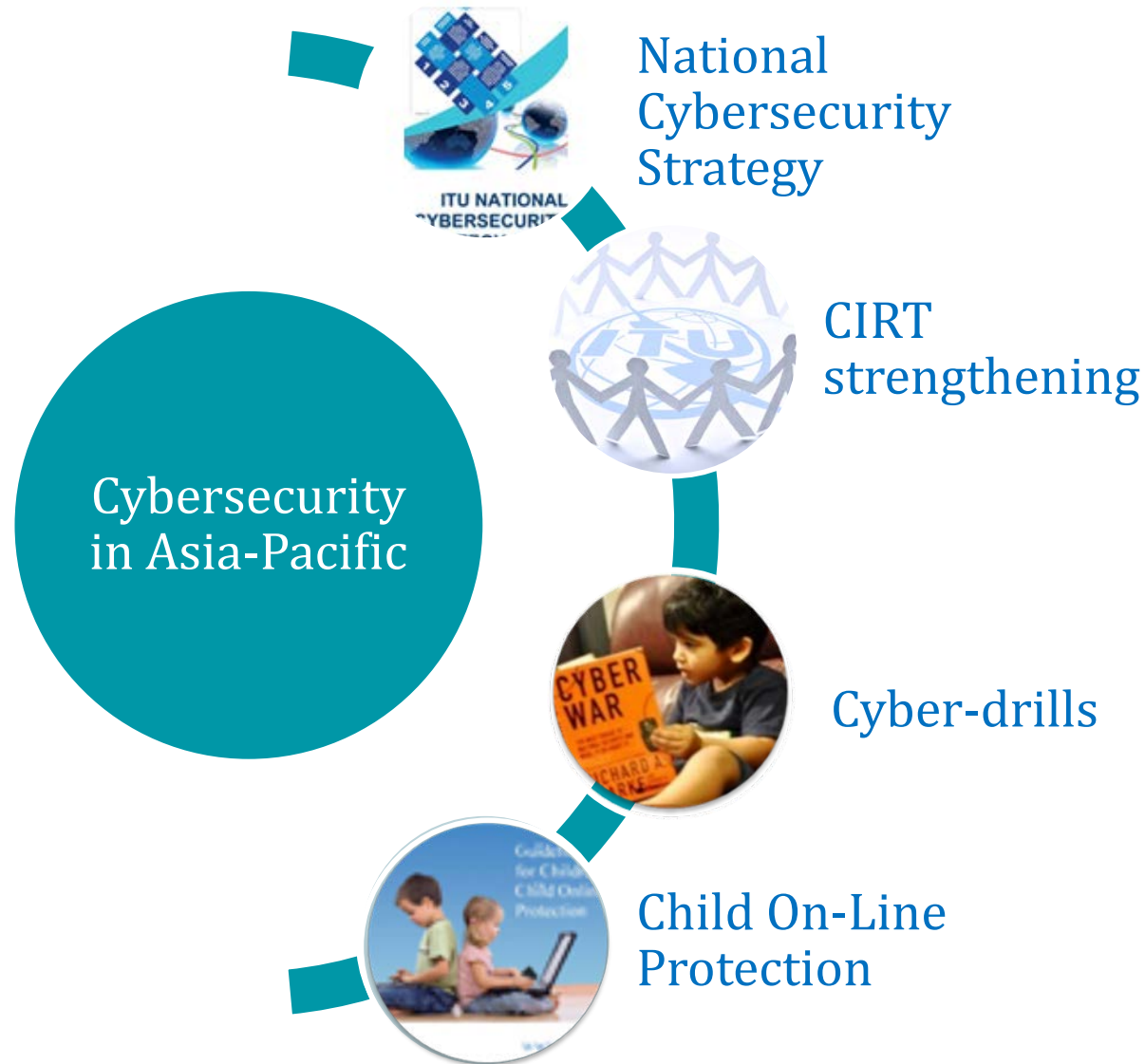
Bhutan, Kiribati, Nepal

CIRT strengthening

Afghanistan, Bangladesh, Bhutan, Fiji, Maldives, Nepal ,Samoa, Tonga, Vanuatu

Nepal

Cyber-drills

Sub Regional Cambodia Lao Myanmar, Vietnam

ITU ASP- CIS Cross Regional Cyber Drill : Malaysia (2019)

Child On-Line Protection

United Nations
Educational, Scientific and
Cultural Organization

unicef

UNODC
United Nations Office on Drugs and Crime

APNIC, OXFORD, UNODC, INTERPOL

Australian Government
Department of Communications and the Arts

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Emergency Telecoms

10

Human Capacity Building: Digital Skills Development
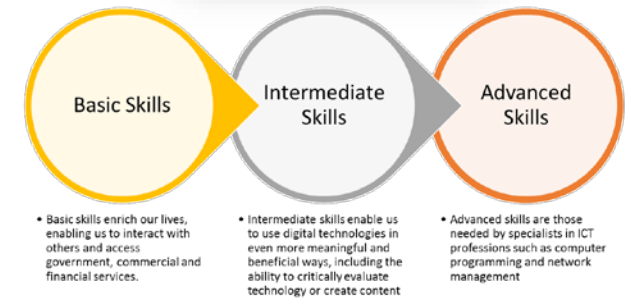
ITU

2018: Around 25 trainings, 1300 participants
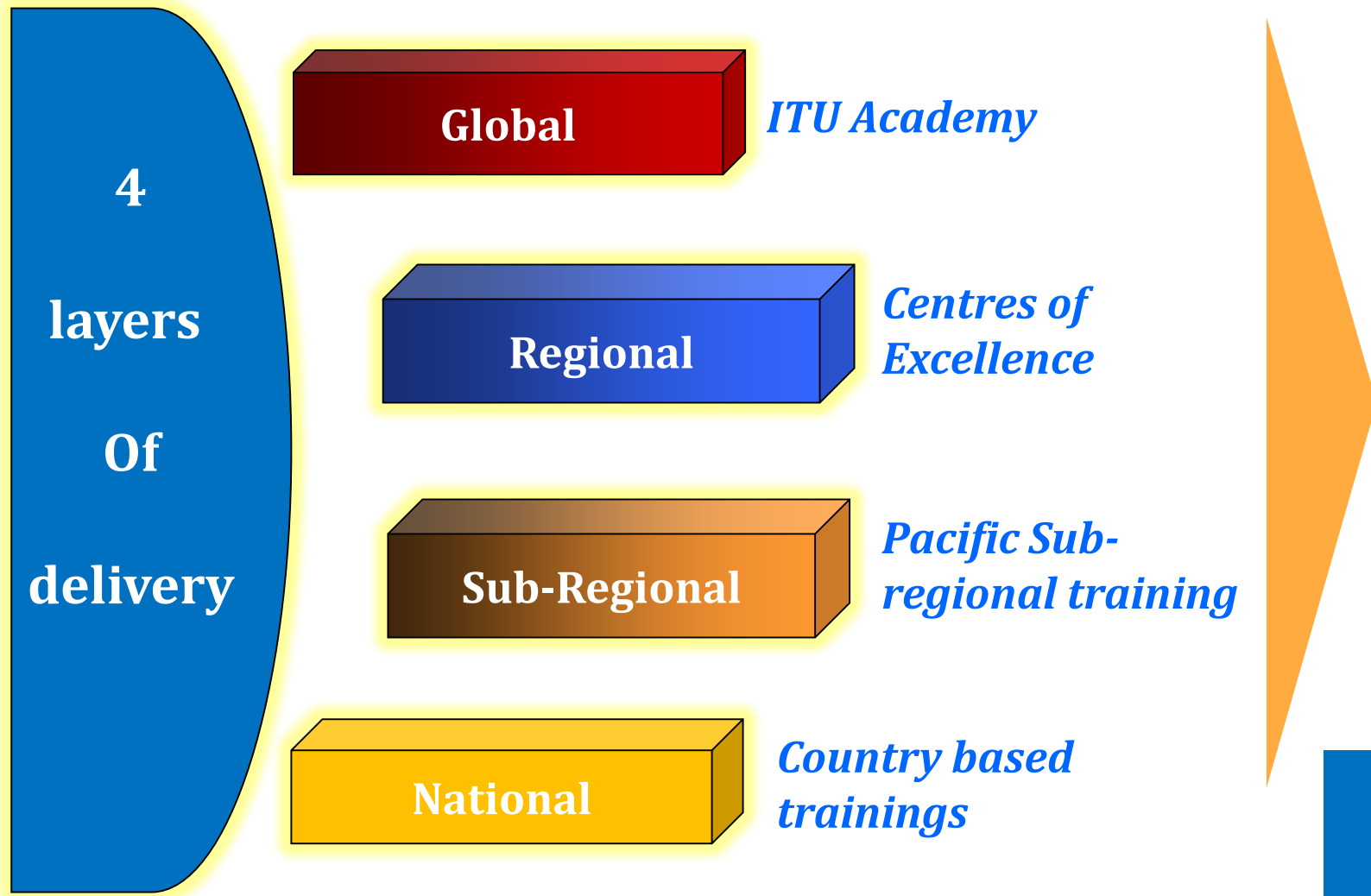
2018: sub-regional workshop

4 layers Of delivery

Global — *ITU Academy*

Regional — *Centres of Excellence*

Sub-Regional — *Pacific Sub-regional training*

National — *Country based trainings*

Digital Skills Toolkit

Basic Skills
• Basic skills enrich our lives, enabling us to interact with others and access government, commercial and financial services.

Intermediate Skills
• Intermediate skills enable us to use digital technologies in even more meaningful and beneficial ways, including the ability to critically evaluate technology or create content

Advanced Skills
• Advanced skills are those needed by specialists in ICT professions such as computer programming and network management

<u>Next steps</u>
National implementation
Project on Digital Skills and

Partnerships are key to Regional Initiative Implementation

Government Ministries & related agencies

UN agencies Regional and International Organizations, Associations

PIRRC

Industry

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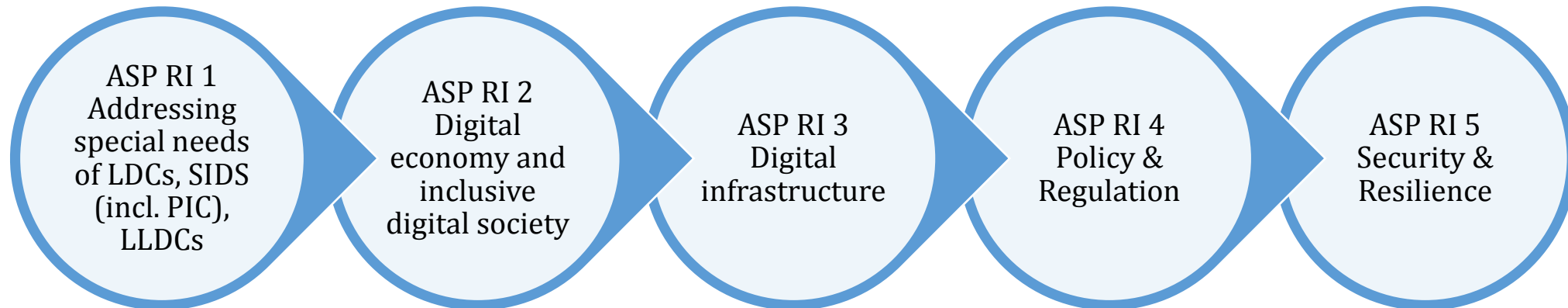
ASP 1: Addressing special needs of least developed countries, small island developing states, including Pacific island countries, and landlocked developing countries						
PROJECT 1	Strengthening Capacity of ICTI Afghanistan	2019-21	In-Kind	USD 1.5m	MCIT (Afghanistan) MFA (China)	N/A

ASP 2: Harnessing ICTs to support the digital economy and an inclusive digital society						
PROJECT 1	Improving Food Traceability: PNG	2019-2020	USD 150k	USD 75 k & In-Kind	DoCA & FAO	
PROJECT 2	ICT Solutions for Rural Entrepreneurship, Investment and Trade in PNG	2019-2023	In-Kind	USD 3 m	FAO/Multistakeholder (EU)	
PROJECT 3	Digital skills for decent jobs for youth in the Asia-Pacific region.	2019-2021	USD 150k	USD150k	DoCA, ILO, MS	
PROJECT 4	Digital identities in the Asia-Pacific region	2019-2021	USD 150k	USD150k	DoCA, WB, MS	AFR, CIS

ASP 3: Fostering development of infrastructure to enhance digital connectivity

PROJECT 1	Fostering the development of infrastructure to enhance digital connectivity in the Asia-Pacific region.	2019-2021	USD150k	USD 150k	DoCA, ADB, WB, MS	

ASP 4: Enabling policy and regulatory environments

PROJECT 1	Policy and regulatory frameworks for data privacy and cross-border data protection.	2019-2021	USD 150k	USD 150k	DoCA, MS	
PROJECT 2	Enhance policy and regulatory frameworks	2019-2021	USD 150k	USD 150k	DoCA	

ASP 5: Contributing to a secure and resilient environment

PROJECT 1	Enhance capabilities of countries against cybercrime.	2019-2021	USD 150k	USD 150k	DoCA, MS	
PROJECT 2	E-waste policies in the Asia-Pacific region.	2019-2021	USD 150k	USD 150k	DoCA, MS	

THANK YOU