

6<sup>th</sup> Meeting of the Group on Capacity Building Initiatives  
(GCBI)  
Geneva, 27-28 February 2018

**Overview of ITU capacity building activities**

Human Capacity Building Division  
ITU/BDT



- ❑ Delivery of training and CoE activities
- ❑ Development of training materials
- ❑ Collaboration with academia
- ❑ Publication
- ❑ WTDC-17
- ❑ Preparation of new CoE cycle
- ❑ Future activities – CBS 2018
- ❑ Food for thought

# Delivery of training

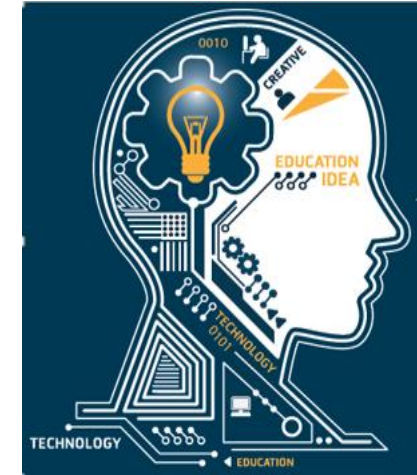
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## Main delivery entities:

- ❑ Centers of Excellence
- ❑ Partners (private sector, academic institutions, specialized training institutes)
- ❑ ITU

## Main delivery channels:

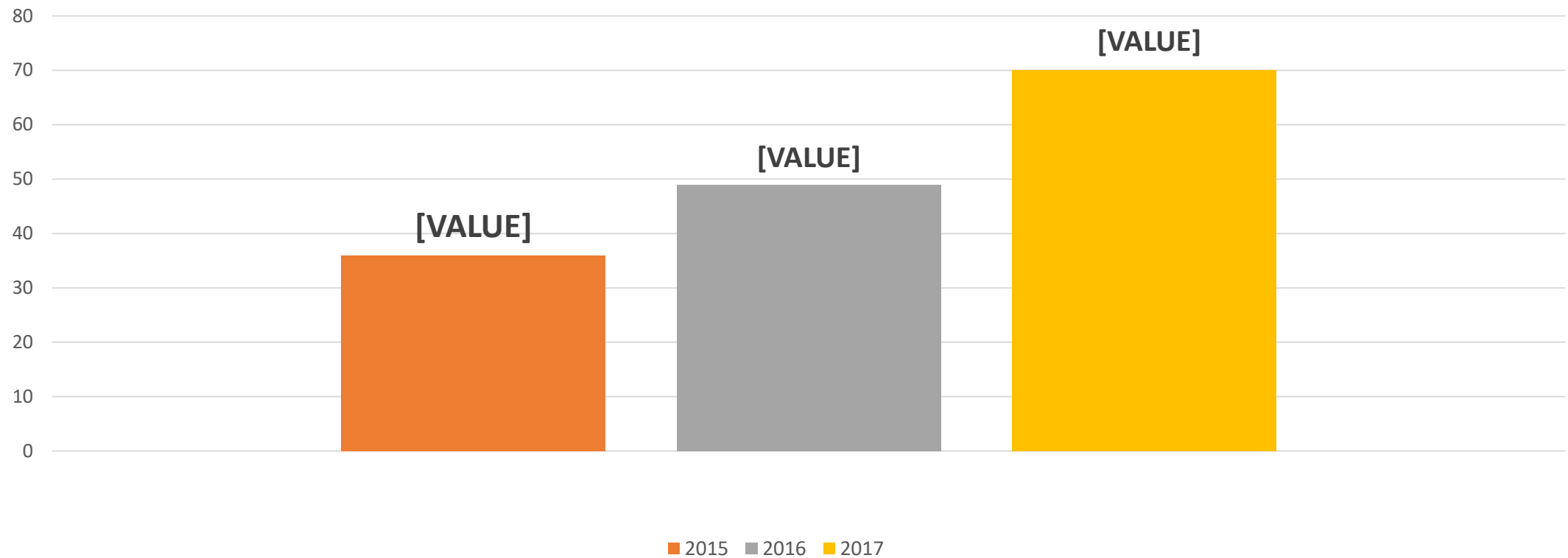
- ❑ ITU Academy platform
- ❑ Face-to-face training and capacity building workshops



# CoE training activities 2015-2017

4

Number of training activities implemented per year, all regions

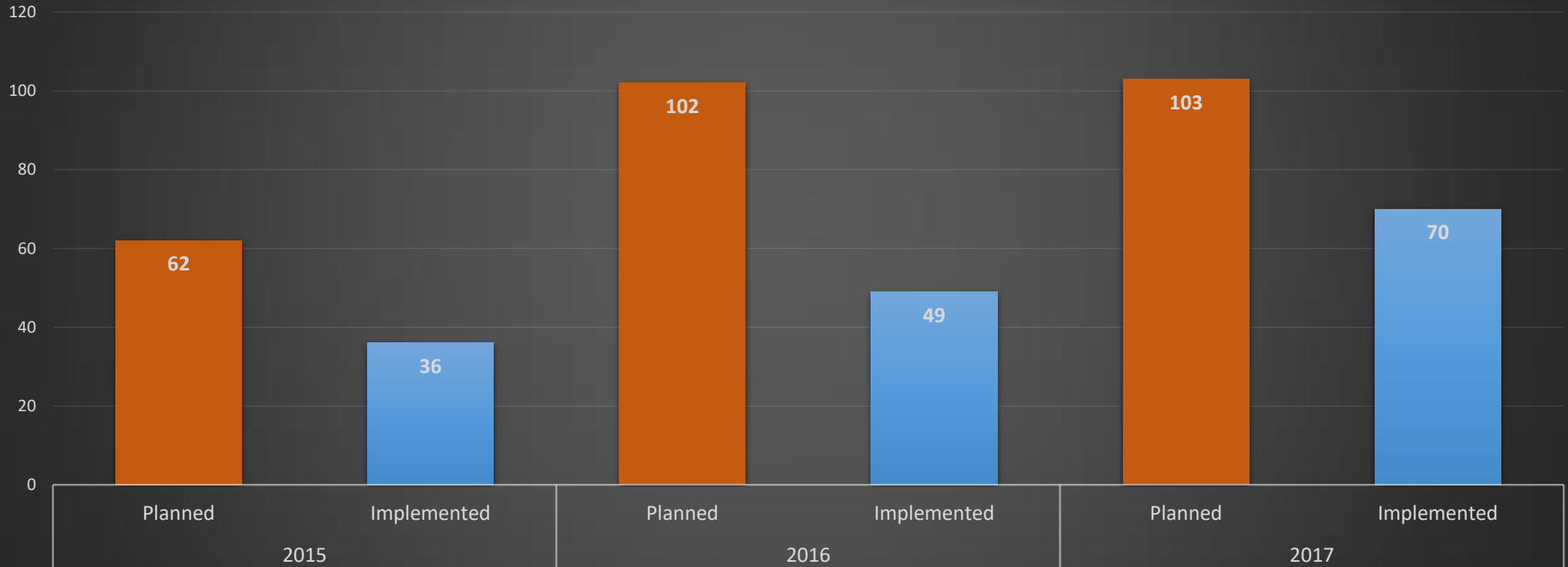


# CoE training activities 2015-2017



5

Number of trainings planned vs implemented per year, all regions

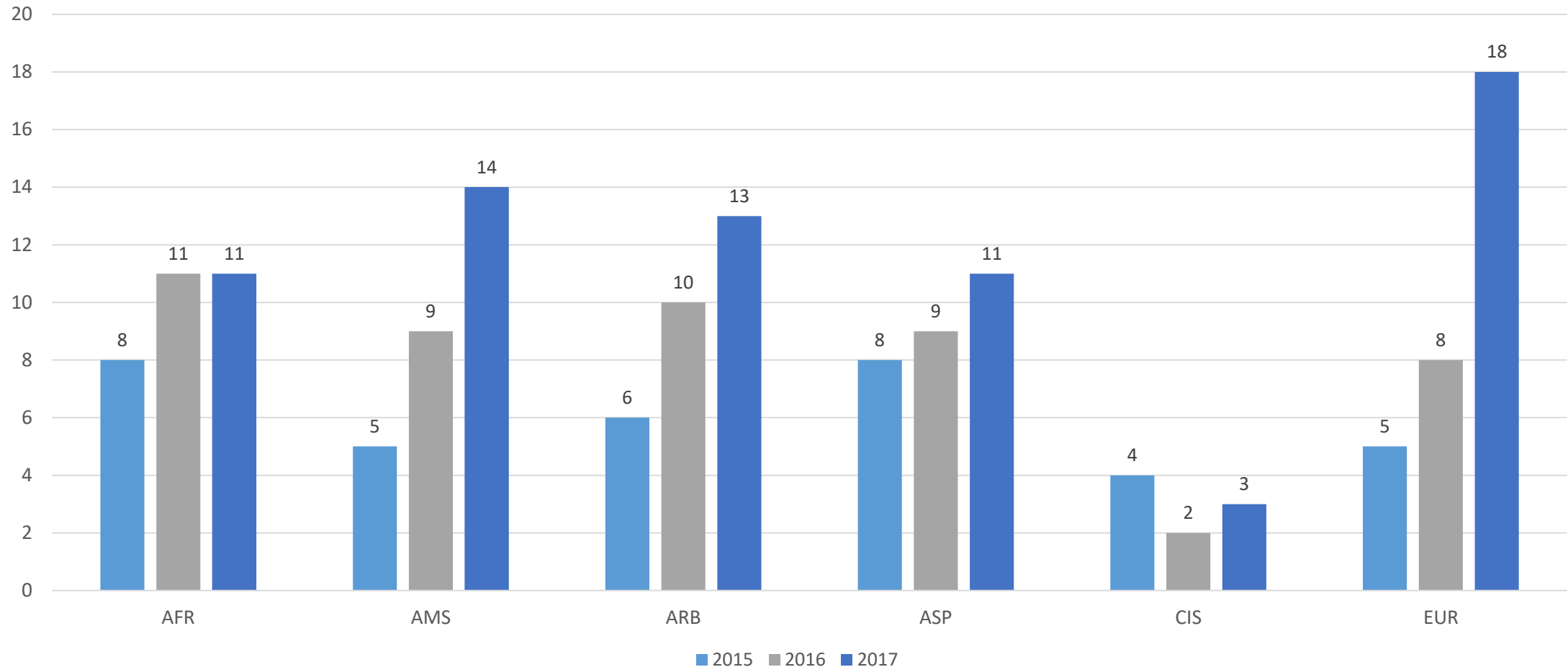


# CoE training activities 2015-2017



6

## Number of courses implemented per region per year

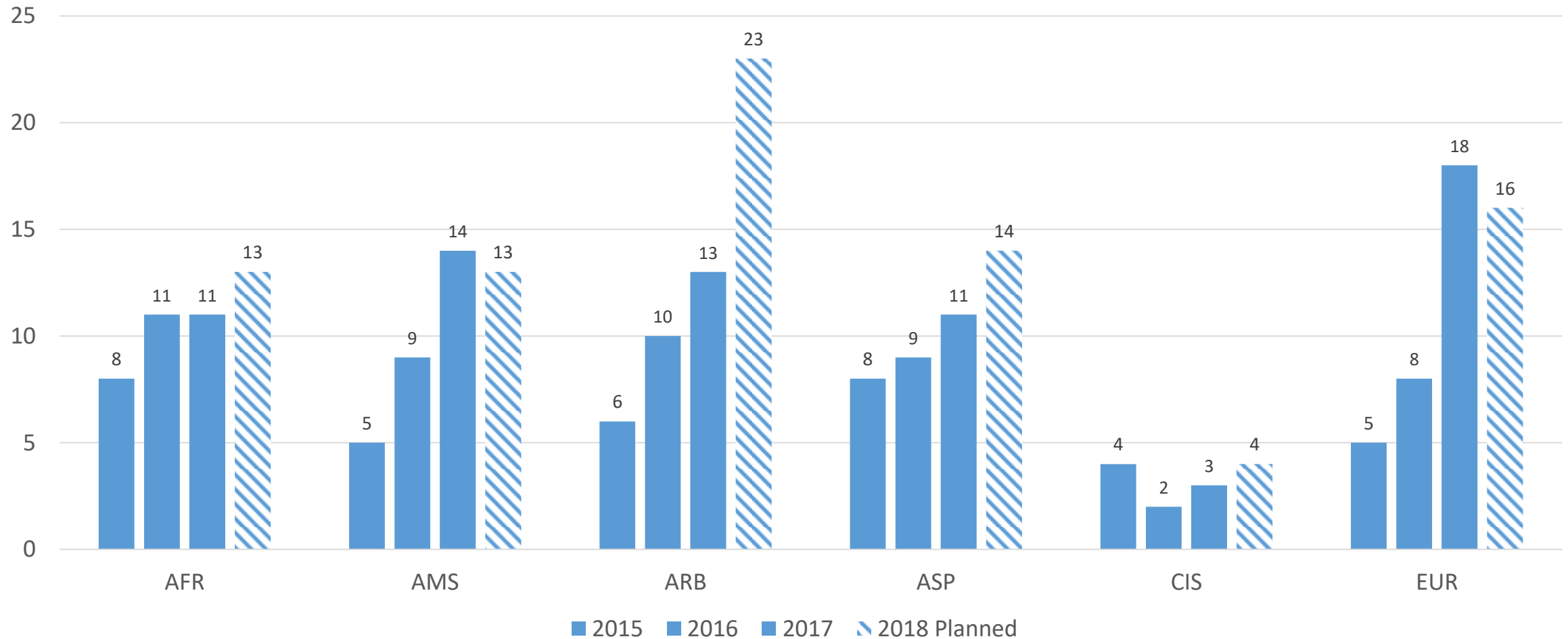


# CoE training activities 2015-2018



7

Courses Implemented 2015-2017  
Courses Planned 2018

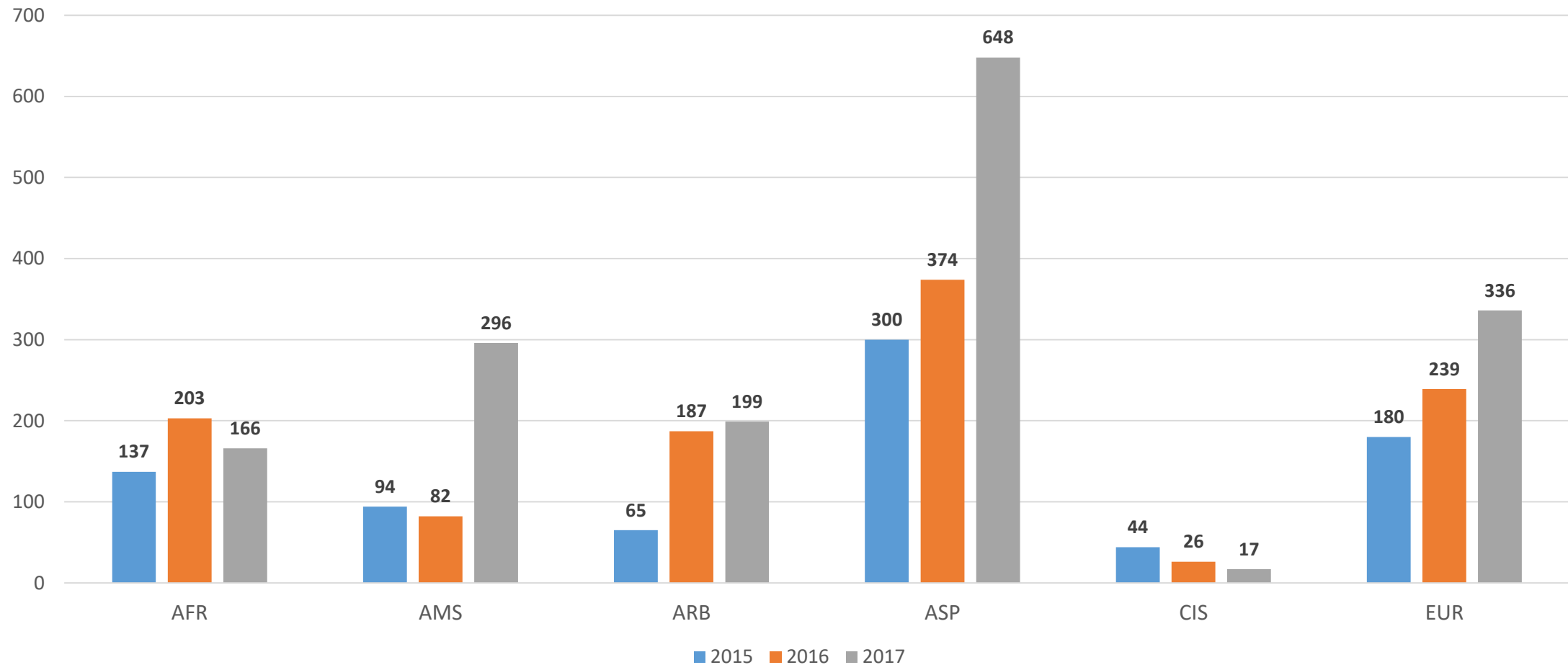


# CoE training activities 2015-2017



8

Number of participants per region per year (all trainings)





# Centers of Excellence

## 4<sup>th</sup> Round of Steering Committee meetings



9

Region	Dates	Host country
AFRICA	8-10 November 2017	Côte d'Ivoire
ARAB STATES	13-14 November 2017	Tunisia
AMERICAS	29-30 November 2017	Peru
EUROPE	12 December 2017	Denmark
ASIA-PACIFIC	12-14 December 2017	Thailand
CIS	18-19 December 2017	Russian Federation

# Training delivery through partnerships

## Selected partners



10



UNITED KINGDOM  
TELECOMMUNICATIONS  
ACADEMY



The Abdus Salam  
International Centre  
for Theoretical Physics



# Development of training materials

11

- Standardized training materials in priority areas as defined by ITU membership
- Training materials of the highest level and quality; materials undergo thorough peer review
- Up to date - using the expertise from membership and academia



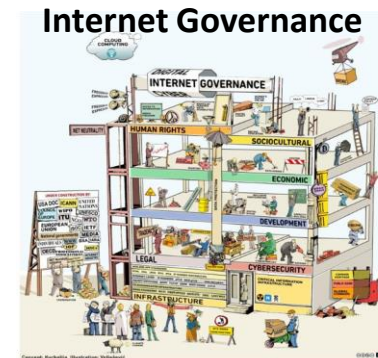
**Training programmes developed/  
under development**



Complete and available



Complete and available



In progress

**ICT and Climate Change**



Complete and available soon  
(under editing)



In progress

# Collaboration with academia



12

- ❑ 90 participants from 32 countries, including 38 academic institutions
- ❑ 5 CoEs participated in the meeting
- ❑ Recommendations on how to strengthen collaboration



ITU Academy  
empowering minds




NMH  
National Media and Communications  
Authority • Hungary

## ITU-ACADEMIA PARTNERSHIP MEETING

*Developing skills for the digital era*

19-21 September 2017  
Hotel Gellért, Budapest, Hungary



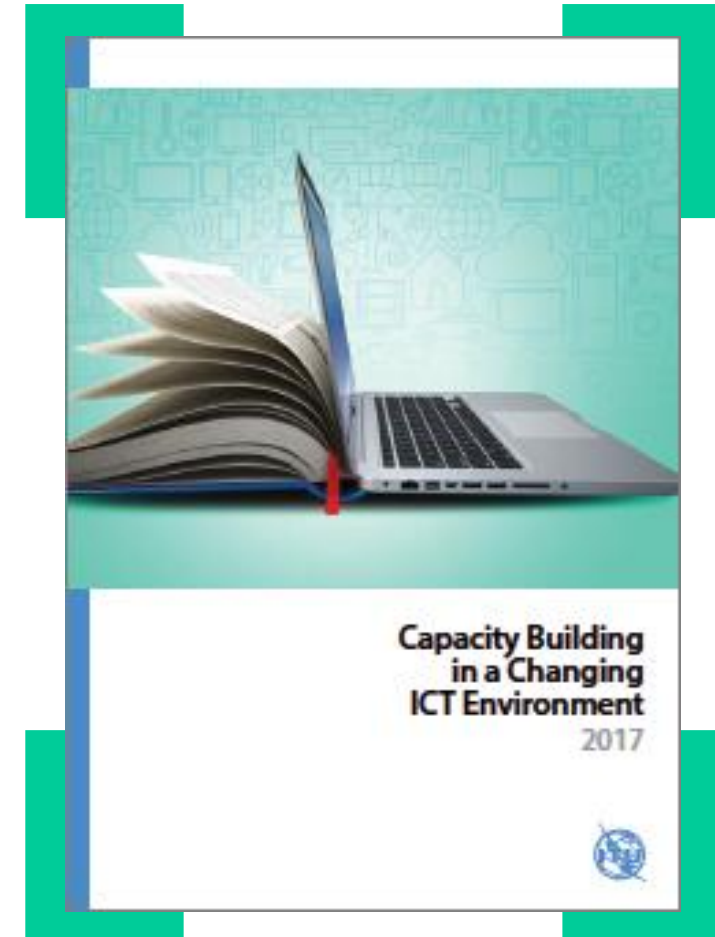
<http://itu.int/go/JI4E>

The illustration depicts a network of icons representing digital skills and collaboration, including a graduation cap, a lightbulb, a gear, a person, a computer monitor, a play button, a checkmark, a calendar, a question mark, a music note, a plus sign, a minus sign, a document, a mail icon, a cloud, and a lightning bolt.

# Publication “Capacity Building in a Changing ICT Environment”



- Online publication launched in 2017
- Puts together scholarly articles with a focus on the human and institutional aspects of capacity building in the ICT sector
- **First issue (2017)** focuses on mobile technologies for skills development and lifelong learning
- Available at [academy.itu.int](https://academy.itu.int)
- **Second issue (2018):**
  - Focuses on digital transformation and impact on skills development
  - 6 articles selected
  - Will be launched at CBS 2018



- ❑ ITU-D contribution to the ITU Strategic Plan and ITU-D Action Plan for the next 4 years was adopted
- ❑ Regional Initiatives were agreed (all have capacity building elements)
- ❑ Strong mandate on capacity building
- ❑ Strategic objectives and Regional Initiatives will be part of the information used to determine priority areas for CoEs
- ❑ Resolution 40 (GCBI) and Resolution 73 (CoEs) were updated



**ITU WTDC**  
**BUENOS AIRES 2017**

9-20 October



# ITU-D Contribution to the ITU Draft Strategic Plan 2020-2023 (1/2)

15

## Objectives

D.1 Coordination: Foster international cooperation and agreement on telecommunication/ICT development issues

D.2 Modern and secure telecommunication/ICT Infrastructure: Foster the development of infrastructure and services, including building confidence and security in the use of telecommunications/ICTs

D.3 Enabling Environment: Foster an enabling policy and regulatory environment conducive to sustainable telecommunication/ICT development

D.4 Inclusive Digital Society: Foster the development and use of telecommunications/ICTs and applications to empower people and societies for socio-economic development and environmental protection

## Outcomes

D.1-1: Enhanced review and increased level of agreement on the draft ITU-D contribution to the draft ITU strategic plan, the WTDC Declaration, and the WTDC Action Plan.

D.2-1: Enhanced capacity of the ITU membership to make available resilient telecommunication/ICT infrastructure and services.

D.3-1: Strengthened capacity of Member States to enhance their policy, legal and regulatory frameworks conducive to development of telecomm. ICTs.

D-4-1: Improved access to and use of telecomm./ICT in LDCs, SIDs and LLDCs and countries with economies in transition.

D.1-2: Assessment of the implementation of the Action Plan and of the WSIS Plan of Action.

D.2-2: Strengthened capacity of Member States to effectively share info., find solutions, & respond to cyber threats & develop national cybersecurity strategies & capabilities...

D.3-2: Strengthened capacity of Member States to produce high-quality, internationally comparable ICT statistics...

D.4-2: Improved capacity of ITU Membership to accelerate economic & social dev. by leveraging & using new technologies & telecomm./ICT services & applications

## ITU-D Contribution to the ITU Draft Strategic Plan 2020-2023 (2/2)



16

### Objectives

D.1 Coordination: Foster international cooperation and agreement on telecommunication/ICT development issues

D.2 Modern and secure telecommunication/ICT Infrastructure: Foster the development of infrastructure and services, including building confidence and security in the use of telecommunications/ICTs

D.3 Enabling Environment: Foster an enabling policy and regulatory environment conducive to sustainable telecommunication/ICT development

D.4 Inclusive Digital Society: Foster the development and use of telecommunications/ICTs and applications to empower people and societies for socio-economic development and environmental protection

### Outcomes

D.1-3: Enhanced knowledge-sharing, dialogue and partnership among the ITU membership on telecomm./ICT issues.

D.2-3: Strengthened capacity of Member States to use telecomm./ICT for disaster risk reduction and emergency telecommunications.

D.3-3: Improved human and institutional capacity of ITU Membership to tap into the full potential of telecomm./ICTs.

D.4-3: Strengthened capacity of ITU Membership to develop strategies, policies and practices for digital inclusion...

D.1-4: Enhanced process and implementation of telecommunication/ICT development projects and regional initiatives.

D.3-4: Strengthened capacity of ITU Membership to integrate telecomm./ICT innovation in national development agendas...

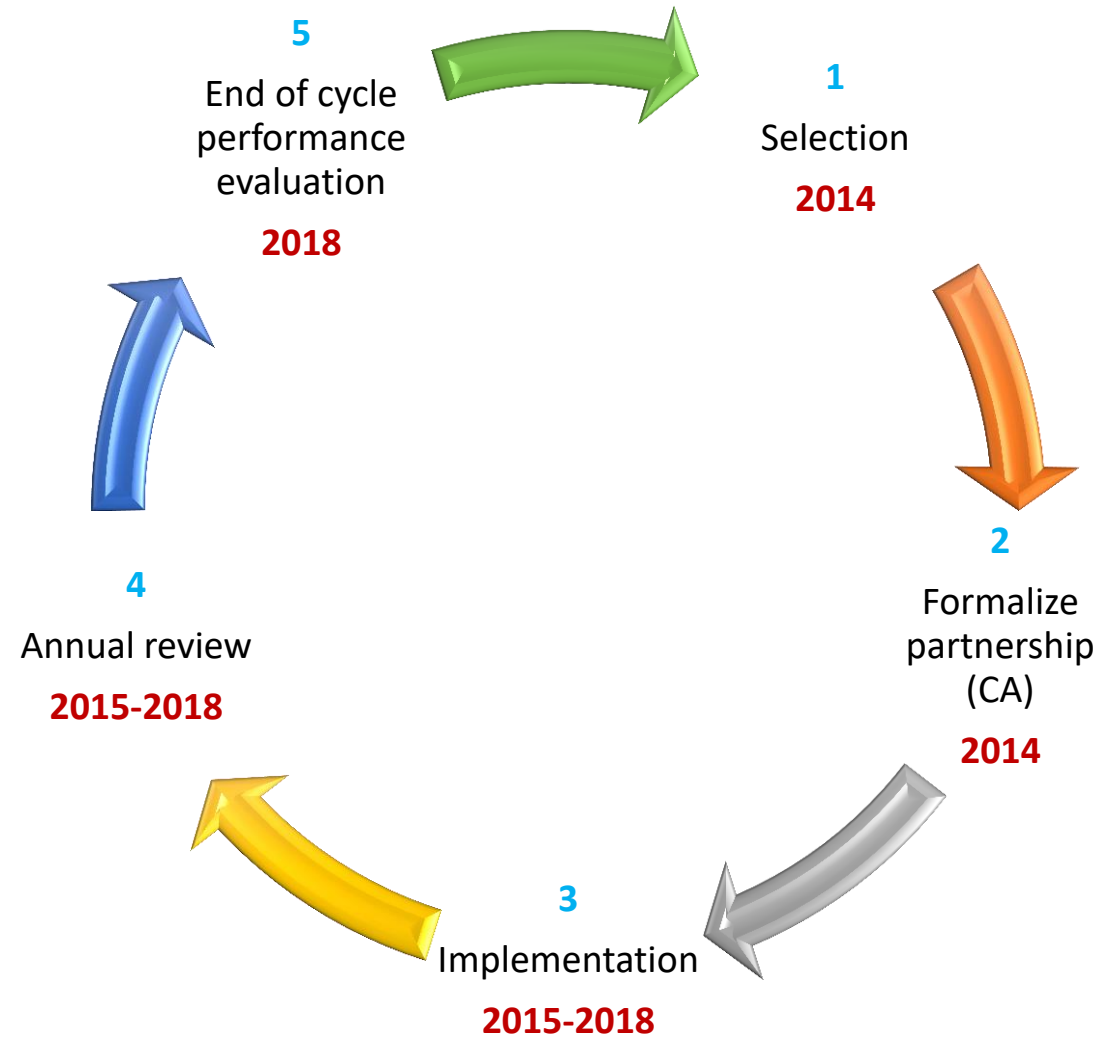
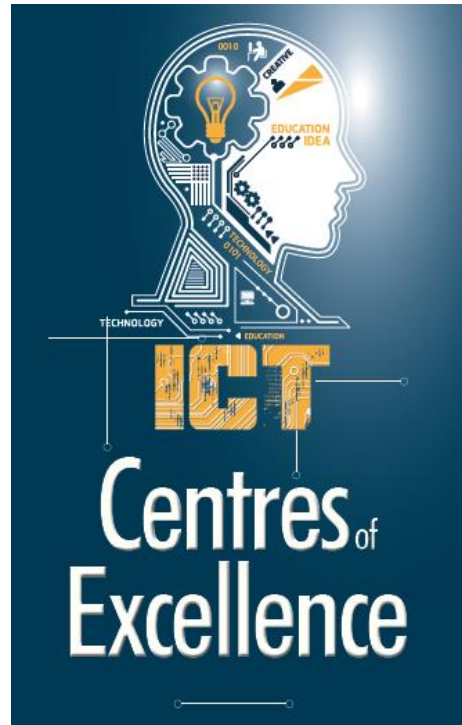
D.4-4: Enhanced capacity of ITU Membership to develop ICT strategies and solutions on climate-change adaptation and mitigation...



# End of current CoE cycle (2014-18)



17

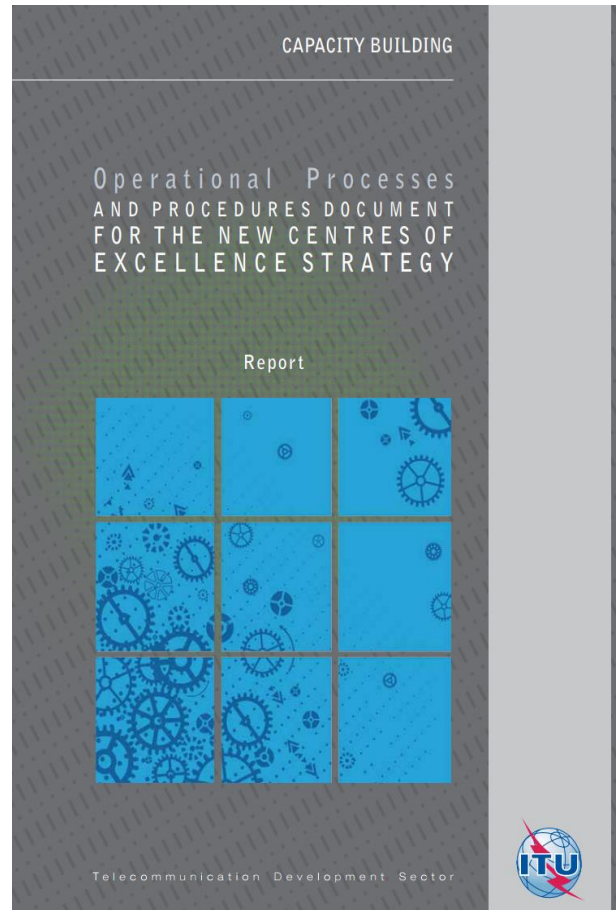




# CoE Operational Processes and Procedures review



19



- Revisions based on:
  - Inputs from Steering Committee meetings
  - Inputs from ITU regional focal points
  - 21 feedback forms/questionnaires received from CoEs
  
- Draft revised document for discussion at GCBI meeting

# Global ICT Capacity Building Symposium (CBS 2018)

18-20 June 2018



20

Theme: *Developing skills for the digital economy and society*

- ❑ Topics:
  - ❑ Digital transformation
  - ❑ SDGs and inclusive digital society
  - ❑ Role of academic institutions
  - ❑ Core skills for the digital economy
  - ❑ Innovation and entrepreneurship
  - ❑ Special session for ITU CoEs
- ❑ Participants:
  - ❑ Governments
  - ❑ private companies
  - ❑ academic institutions
  - ❑ international agencies
  - ❑ other experts in the field

**ITU**CBS  
**SANTO DOMINGO**2018



# Outlook - Food for thought

21

- Constant and fast evolvement of technologies requires new skills and poses major challenges with respect to filling the skills gaps
- Digital divides are also capacity and skills divides
- The digital skills divide between developed and developing countries is growing
- Technologies and sectors are converging with IoT, big data and AI – an interdisciplinary approach to skills development is required

# THANK YOU



# Africa Regional Initiatives (WTDC-17)

23

**AFR1:** Building digital economies and fostering innovation in Africa

**AFR2:** Promotion of emerging broadband technologies

**AFR3:** Building trust and security in the use of telecommunications/ ICT

**AFR4:** Strengthening human and institutional capacity building

**AFR5:** Management and monitoring of the radio-frequency spectrum and transition to digital broadcasting

# Americas Regional Initiatives (WTDC-17)

24

- AMS1:** Disaster risk reduction and management communications
- AMS2:** Spectrum management and transition to digital broadcasting
- AMS3:** Deployment of broadband infrastructure, especially in rural and neglected areas, and strengthening of broadband access to services and applications
- AMS4:** Accessibility and affordability for an inclusive and sustainable Americas region
- AMS5:** Development of the digital economy, smart cities and communities and the Internet of Things, promoting innovation



# Arab States Regional Initiatives (WTDC-17)

25

**ARB1:** Environment, climate change and emergency telecommunications

**ARB2:** Confidence and security in the use of telecommunications/ICTs

**ARB3:** Digital financial inclusion

**ARB4:** Internet of Things, smart cities and big data

**ARB5:** Innovation and entrepreneurship

# Asia-Pacific Regional Initiatives (WTDC-17)

26

- ASP1:** Addressing special needs of least developed countries, small island developing states, including Pacific island countries, and landlocked developing countries
- ASP2:** Harnessing ICTs to support the digital economy and an inclusive digital society
- ASP3:** Fostering development of infrastructure to enhance digital connectivity
- ASP4:** Enabling policy and regulatory environments
- ASP5:** Contributing to a secure and resilient environment

# CIS Regional Initiatives (WTDC-17)

27

- CIS1:** Development of e-health to ensure healthy lives and promote well-being for all, at all ages
- CIS2:** Use of telecommunications/ICT to ensure inclusive, equitable, quality and safe education, including the enhancement of women's knowledge of ICTs and e-government
- CIS3:** Development of regulation of infocommunication infrastructure to make cities and human settlements inclusive, safe and resilient
- CIS4:** Monitoring the ecological status and the presence and rational use of natural resources
- CIS5:** Fostering innovative solutions and partnership for the implementation of Internet of Things technologies and their interaction in telecommunication networks, including 4 G, IMT-2020 and next-generation networks, in the interest of sustainable development

# Europe Regional Initiatives (WTDC-17)

28

- EUR1:** Broadband infrastructure, broadcasting and spectrum management
- EUR2:** A citizen-centric approach to building services for national administrations
- EUR3:** Accessibility, affordability and skills development for all to ensure digital inclusion and sustainable development
- EUR4:** Enhancing trust and confidence in the use of information and communication technologies
- EUR5:** ICT-centric innovation ecosystems