



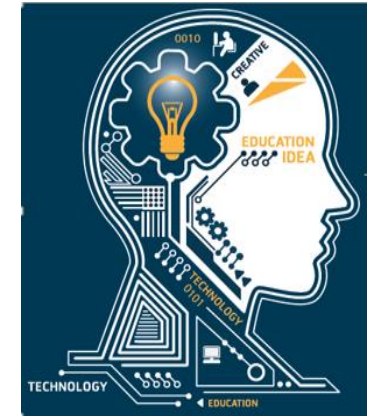
ITU Academy
empowering minds

ITU Centers of Excellence Network New Cycle 2019-2022

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- ❑ What is the ITU CoE programme?
- ❑ Previous cycle: 2015-2018
 - ❑ Performance assessment
 - ❑ Lessons learned and recommendations
- ❑ New cycle: 2019-22
 - ❑ Selection process
 - ❑ Selected CoEs and priority areas
- ❑ What's new in this cycle?

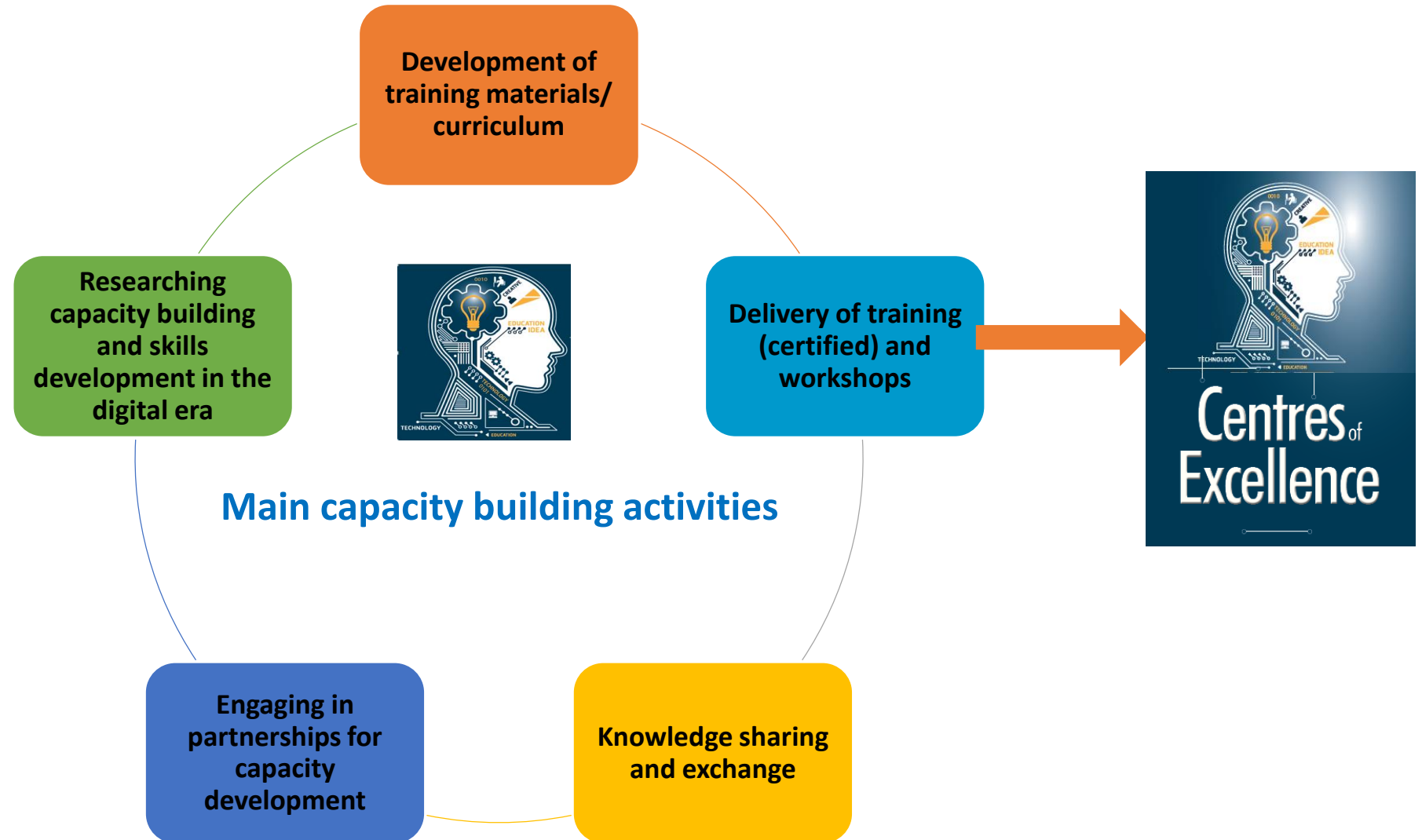


WHAT IS THE ITU COE PROGRAMME?

ITU capacity building and skills development



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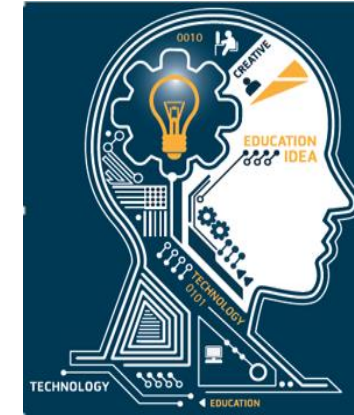


Delivery of training

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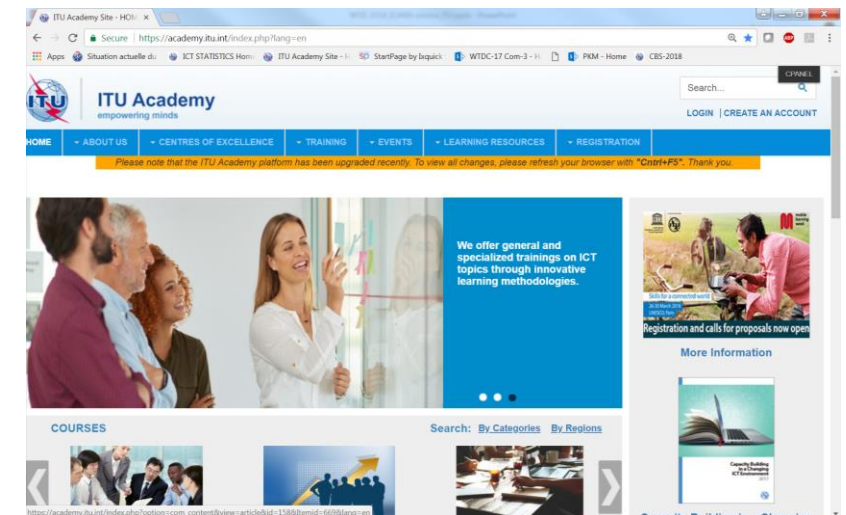
Main delivery entities:

- ❑ **Centers of Excellence (CoEs)**
- ❑ Partners (academic institutions, specialized training institutes)
- ❑ ITU



Main delivery channels:

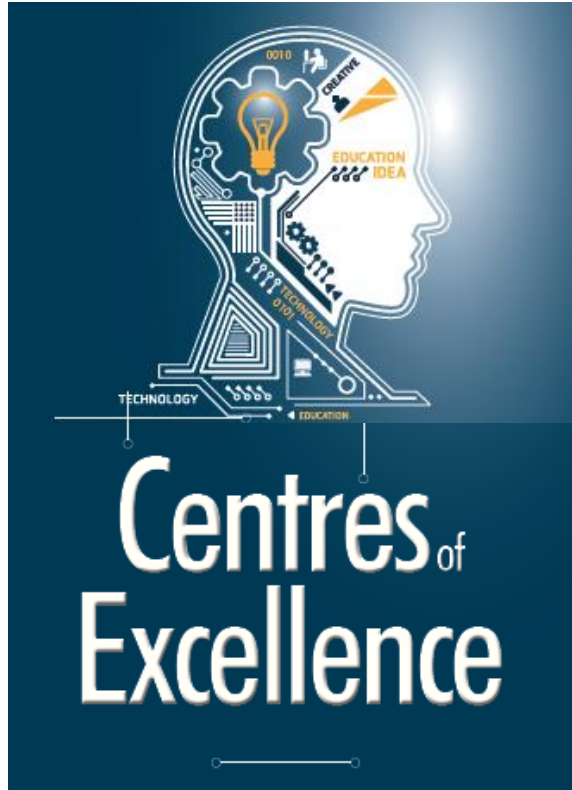
- ❑ **ITU Academy platform**
- ❑ Face-to-face training courses and capacity building workshops



Centres of Excellence (CoE) programme



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- ❑ Flagship ITU capacity development programme
- ❑ Global network of high-quality training institutions to build capacity and develop skills in the field of ICT and digital technologies
- ❑ Programme in place since 2001 – strategy was reviewed in 2012, new strategy started with last cycle (2015-2018)
- ❑ Core elements of new strategy:
 - ❑ self-sustainability principle
 - ❑ defined priority areas
 - ❑ limited number of centers
- ❑ 4-year cycle - aligned with WTDC
- ❑ WTDC Resolution 73 (mandate)
- ❑ CoE networks established in Africa, the Americas, Arab States, Asia-Pacific, CIS and Europe

PREVIOUS CYCLE 2015-18

Performance assessment of previous cycle (2015-18)



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- ❑ 26 operational CoEs across 6 regions
- ❑ Over 90% of CoEs viewed their experience as CoE «excellent» or «very good»
- ❑ Over 5'000 participants were trained by the network over the cycle period through almost 200 courses
 - ❑ Increasing trend over the 4-year cycle (number of courses)
 - ❑ Course participation varied significantly (from 4 to over 300)
- ❑ 55% face-to-face courses, 45% online courses
- ❑ Online courses attract a higher number of participants than face-to-face courses (with some exceptions)
- ❑ High performers – low performers

Lessons learned from previous cycle (2015-18)



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- ❑ Level of engagement of CoE focal point/team as well as sufficient allocation of resources to CoE operations is key to success of CoE
- ❑ Topics of courses need to respond to market demand
- ❑ Collaboration among CoEs and stronger support from the network and ITU can strengthen performance
- ❑ Steering Committee could provide more guidance and support to the network

NEW CYCLE 2019-22

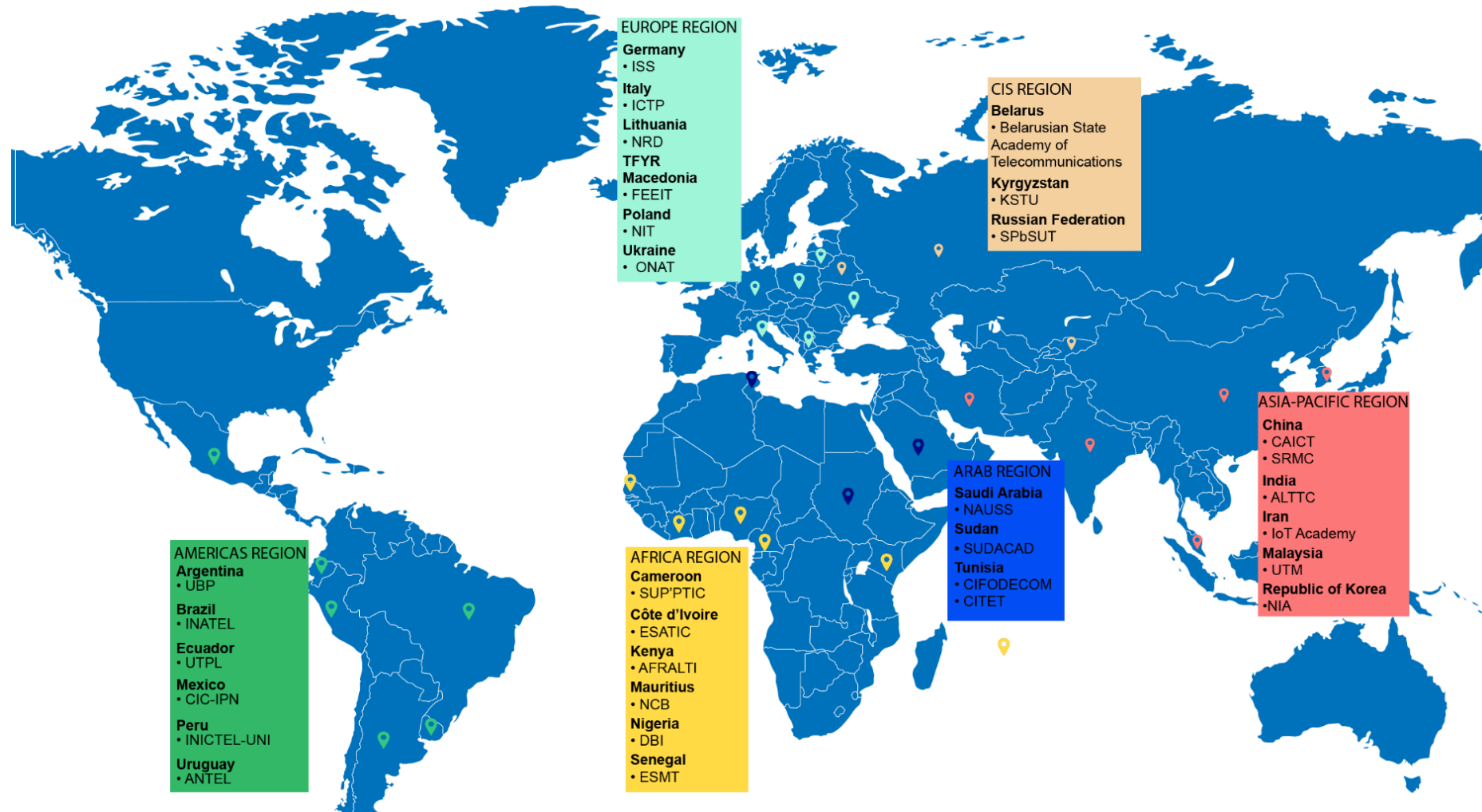
- ❑ Call for applications: 15 May – 15 August 2018
- ❑ 64 valid applications received by ITU
- ❑ 31 CoEs were selected after thorough and fair assessment of application
- ❑ CoEs from previous cycle could reapply
 - ❑ Past performance was taken into consideration when assessing applications from previous CoEs
- ❑ Announcement of outcome of selection process: 22 November 2018
- ❑ Signing of formal Cooperation Agreements (ongoing)
- ❑ 1st Steering Committee meetings: Jan/Feb 2019
- ❑ Operations: March 2019 – December 2022

Centres of Excellence (CoE) network

31 CoEs in six regions (2019-2022 cycle)



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CoE network priority areas



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Digital broadcasting

Big data & statistics

AI

Conformance & interoperability

Wireless and fixed broadband

Internet governance

Spectrum management

Cybersecurity

Digital inclusion

Smart cities and communities

ICT applications

ICTs & the environment

Digital economy

IoT

Innovation & entrepreneurship

Centres of Excellence (CoE) network

Africa region (2019-2022 cycle)



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Name of institution	Country	Priority areas
African Advanced Level Telecommunications Institute (AFRALTI)	Kenya	Spectrum Management Digital Broadcasting
Computer Emergency Response Team of Mauritius/ National Computer Board (NCB)	Mauritius	Cybersecurity
Digital Bridge Institute (DBI)	Nigeria	Cybersecurity Innovation & Entrepreneurship
Ecole Nationale Supérieure des Postes, Télécommunications et TIC (SUP'PTIC)	Cameroon	Digital Economy Innovation & Entrepreneurship Wireless and Fixed Broadband
Ecole Supérieure Multinationale des Télécommunications (ESMT)	Senegal	Digital Broadcasting Spectrum Management Digital Economy
Ecole Supérieure Africaine des Technologies de l'Information et de la Communication (ESATIC)	Cote d'Ivoire	Cybersecurity Wireless and Fixed Broadband Internet of Things

Centres of Excellence (CoE) network

Americas region (2019-2022 cycle)



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Name of institution	Country	Priority areas
Administración Nacional de Telecomunicaciones (ANTEL)	Uruguay	Wireless and Fixed Broadband Innovation & Entrepreneurship
Centro de Investigación en Computación del Instituto Politécnico Nacional (CIC-IPN)	Mexico	Big Data & Statistics Cybersecurity Artificial Intelligence
Fundación Universidad Pascal (UBP)	Argentina	Innovation & Entrepreneurship Internet of Things Smart Cities & Communities
Instituto Nacional de Investigación y Capacitación de Telecomunicaciones – Universidad Nacional de Ingeniera (INICTEL-UNI)	Peru	Cybersecurity
Instituto Nacional de Telecomunicações (INATEL)	Brazil	Digital Broadcasting Wireless and Fixed Broadband
Universidad Técnica Particular De Loja (UTPL)	Ecuador	Smart Cities & Communities

Centres of Excellence (CoE) network

Arab region (2019-2022 cycle)



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Name of institution	Country	Priority areas
Centre d'information, de formation, de documentation et d'études en technologies des communications (CIFODE'COM)	Tunisia	Wireless and Fixed Broadband Cybersecurity
Centre International des Technologies de l'Environnement de Tunis (CITET)	Tunisia	ICTs & the Environment
Naif Arab University for Security Sciences (NAUSS)	Saudi Arabia (regional entity)	Cybersecurity Internet of Things
Sudatel Telecommunications Academy (SUDACAD)	Sudan	ICT Applications Wireless and Fixed Broadband

Centres of Excellence (CoE) network

Asia-Pacific region (2019-2022 cycle)



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

Centres of Excellence (CoE) network

CIS region (2019-2022 cycle)



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Name of institution	Country	Priority areas
Belarusian State Academy of Telecommunications	Belarus	Wireless and Fixed Broadband Cybersecurity
The Bonch-Bruevich Saint-Petersburg State University of Telecommunications (SPbSUT)	Russian Federation	Internet of Things Digital Broadcasting Cybersecurity
Institute of Electronics and Telecommunications (IET) at the Kyrgyz State Technical University (KSTU)	Kyrgyz Republic	Digital Inclusion

Centres of Excellence (CoE) network

Europe region (2019-2022 cycle)



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Name of institution	Country	Priority areas
A. S. Popov Odessa National Academy of Telecommunications (ONAT)	Ukraine	Wireless & Fixed Broadband Digital Broadcasting
Faculty of Electrical Engineering and Information Technologies, Ss. Cyril and Methodius University, Skopje (FEEIT)	Macedonia	Wireless & Fixed Broadband
Institute for Security and Safety (ISS) at the Brandenburg University of Applied Sciences	Germany	Cybersecurity
National Institute of Telecommunications (NIT)	Poland	Internet Governance Wireless & Fixed Broadband
NRD Cybersecurity	Lithuania	Cybersecurity
The Abdus Salam International Center for Theoretical Physics (ICTP)	Italy	Internet of Things Big Data & Statistics

New in this cycle



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- ❑ Up to three priority areas per CoE
- ❑ Strengthened role of Steering Committees
- ❑ Steering Committee (SC) can decide on courses to be delivered on other emerging topics
- ❑ CoEs are full and active members of SC
- ❑ Regional online meetings in between face-to-face meetings (CoEs, SC as necessary)
- ❑ CoE commitment to allocate resources to CoE operations was part of application
- ❑ New ITU Academy platform (2nd quarter of 2019)

THANK YOU

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