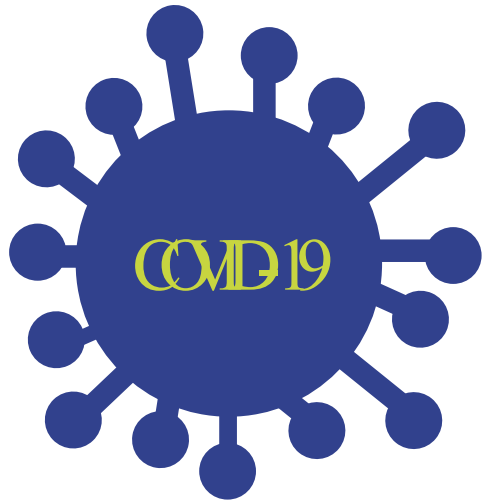


Europe region

Group on capacity building initiatives
implications of Covid-19

Lidia Stepińska-ustasiak, Phd
mAY2020

Global Pandemic Reality



FORCED online
reality

Fast-forward
digitization

All sectors
affected,
economic* and
social crisis

Remote working
(74% of companies
plan to shift to
more remote work
after COVID-19**)

Remote schooling
(68,5% of total
enrolled learners
affected***)

Affected Groups

All are affected but some groups more than the others

Children, parents, teachers (education)*

Women (multi-responsibilities, caretaking)**

Elderly (digitally under-skilled)***

Implications

Increase of digital
gaps*

Inequalities from
before-COVID 19 are
even more prevailing
now**

Increased demand for
skills/capacity
building (especially
for the most
vulnerable groups)

Response Examples

OECD:
Framework to
Guide an Education
Response to the
COVID-19 Pandemic
of 2020

Future Collars
Initiative (Polish
example)

EC: Digital Skills &
Jobs Coalition
(repository of best
practices/initiatives
from European
countries)**

Mobilization of
online
tools/resources/
platforms*

Need for

Reprioritization (education, business models)

Assistance in reintegration into the market (offering trainings, equipping with skills – up/re-skilling)

Including a gender perspective in policies and strategies*



ITU Academy and European Viewpoint 2020 for Telecom/ICT Capacity Building

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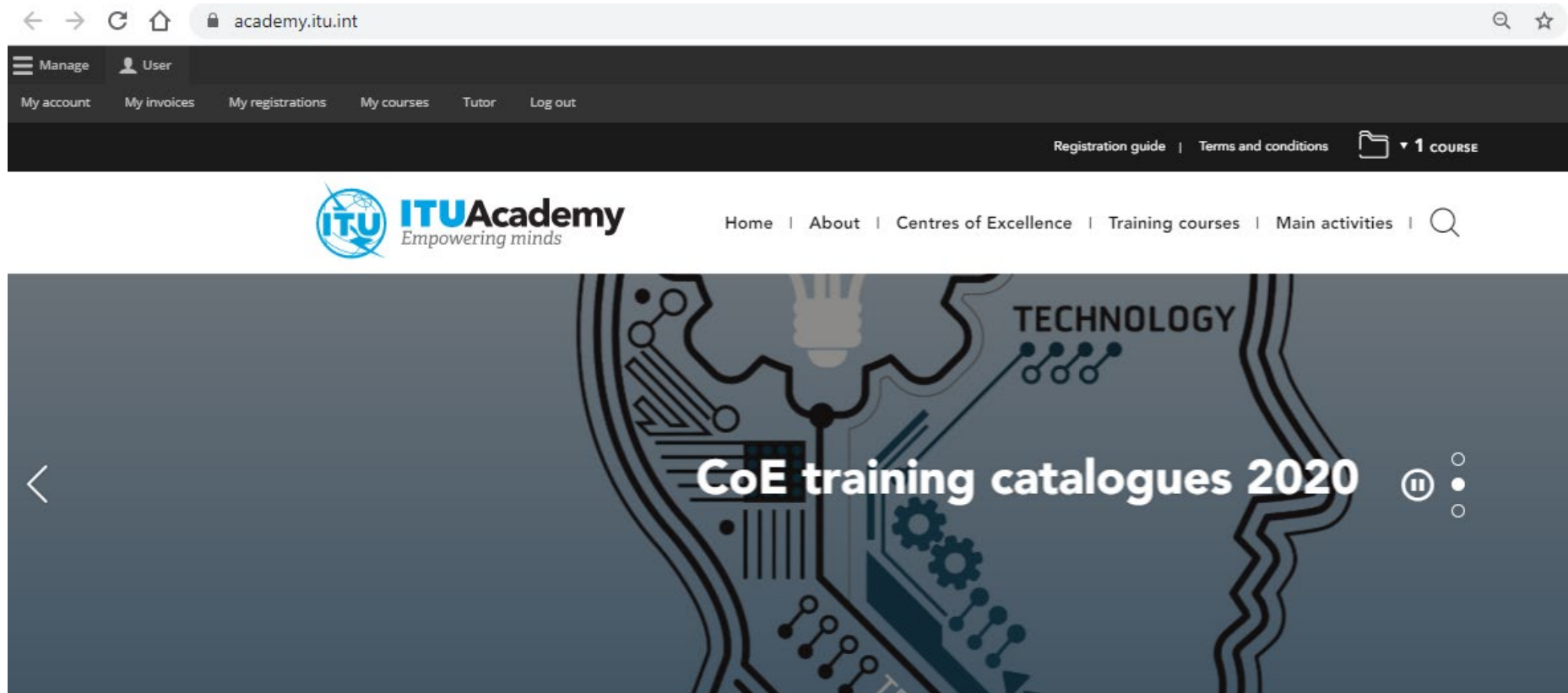


ITU, Europe and Capacity Building

- **ITU** has a proven platform for capacity building activities, that is the **ITU Academy platform**
 - It covers all capacity building activities in all three ITU sectors, ITU-D, ITU-T and ITU-R.
- **ITU Academy** is an online self-learning e-learning platform:
 - It is an educational platform, aimed at integrating and providing education, training and information resources on Information and Communication Technologies (ICTs).
- **Training programmes** cover a wide range of ICT-related topics:
 - Ranging from programmes for government policy-makers and regulators, professional business-focused curricula for senior ICT executives and managers, to specialized programmes for technical and operational staff.



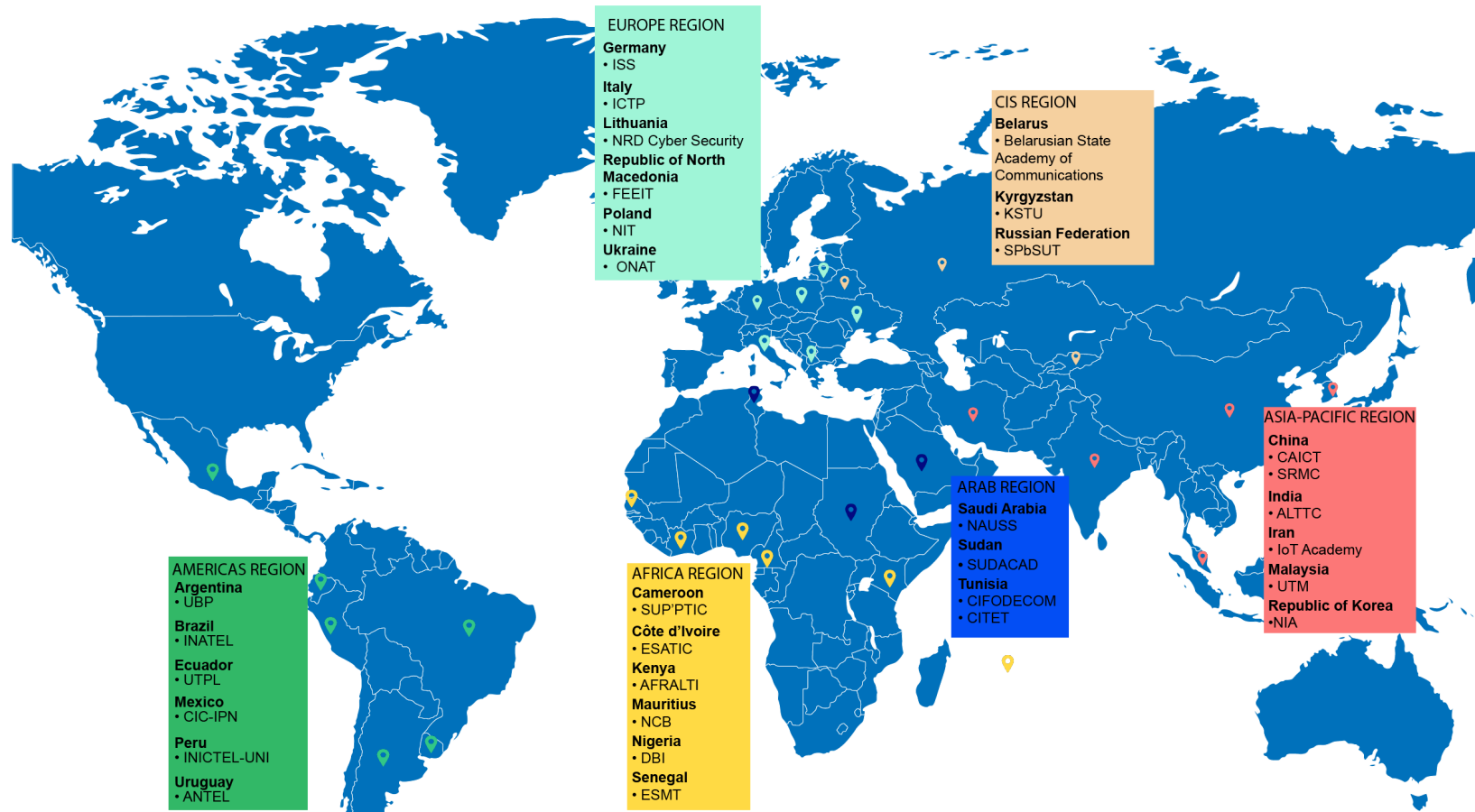
The current look of the ITU Academy – the global ITU capacity building window





ITU CoE global network

- The **ITU Centres of Excellence (CoE) network** in the current cycle 2019-2022 is composed of **31 Centres** across the globe, from which 6 CoEs are from Europe region, and other are located in other regions as given:





ITU CoE courses from the Europe region

- **E-learning** courses:
 - Typically delivered fully via the ITU Academy platform
 - E-learning courses in Europe region are currently delivered in two modes:
 - **Classic** mode: 4 weeks e-learning course with written materials.
 - **Blended** mode: 8 days e-learning course with prerecorded video lectures (from a face-to-face ITU course).
 - Currently **elearning courses/trainings** on the ITU Academy are being delivered with **excellent participation**
- **Face-to-face** courses:
 - Typically at the premises of the CoE in the Europe region, with logistical support of the ITU Academy platform.
 - Currently all face to face courses are postponed to later dates (due to covid)



Example: ITU elearning Feedback from Participants (2019)

- It allows me and my organization to have an over view of the changes that the Internet will under or the next generation.

This will allow us to prepare and take necessary steps and trainings.

- Developing more up to date national advisory service in regulations and strategies

- My organization will benefit a lot

- Because I can improve the investigations that we carry out in the area.

- In general it is very useful to be attending topics when they have been updated in the industry, otherwise it is unnecessary to take courses, this is the most valuable of this particular course

- As far as this course is a concern, knowledge, and experience acquired is very satisfying since the evolution of technology is evolving around us especially in the field of telecommunication, networking, IT and so on.

- I needed to understand the trend in technologies and related services. And I can attest that I now understand these. What now remains on my side is to look into practical policy and regulatory interventions necessary for emerging technologies such as IoTs, Big Data related issues.

- My organization is benefiting from the knowledge and experience i acquired through this course by the quality of my interventions on the subjects I have in charge

- this course is very and beneficial. Our organization is going to benefit from it by the mastery of the notions studied.

- I will provide inputs to tender data requirements for FN that is based on 5G technology

- I don't have engineer background and the knowledge acquired during this training will allow me to be more educated on these questions and to have better and more relevant interactions with my engineers colleagues

- My organization will benefit through integrating the content I learn into the curriculum we teach our students

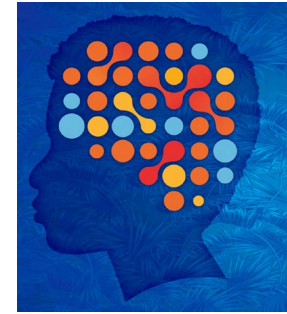
- IoT and OTT

- It will benefit us a lot since we are moving more into broadband technologies in terms of FTTX and GPON. Upon attaining the information regarding this, our team will be ready to take the lead in this.

- in regulating & knowledge of new technologies.

Each participant and organization has its specific benefits from a given ITU course.

Digital skills and the Europe region



- What are the digital skills?
 - **Basic digital skills** (“digitally literate”): These are skills that are required by every individual to use digital applications to communicate.
 - **Intermediate digital skills**: These skills include all basic digital (i.e., ICT) skills and additionally skills required in a workplace.
 - **Advanced digital skills**: These skills are targeted for more complex jobs in the ICT sector, including deployment and regulation of networks and services or development of new ICT/digital technologies.

- What **digital skills** are needed in the **Europe region**?
 - Of course, all of them
- What skills require **capacity building** the most in the **Europe region**?
 - **Advanced digital skills**
 - for IoT, Big Data, Artificial Intelligence (AI), cybersecurity, QoS, mobile applications development, etc, but also ICT entrepreneurship skills, as well as regulatory and business aspects for the emerging technologies.



For what in telecom/ICTs is needed capacity building in the Europe region?

- Broadband and ultra-broadband access
- 5G and mobile broadband
- Fixed broadband access (e.g., FTTH)
- Internet of Things (IoT)
- Cloud Computing
- Big data
- Artificial Intelligence (AI)
- Telecom and OTT services and applications
- Regulation and management in telecom/ICT sector





Summary notes

- **ITU CoE in Europe** region in the last decade was very successful in capacity building for students from Europe and from all countries and regions around the globe.
- Learning on distance (**elearning**) has become the main digital channel for capacity building at the present time
 - **ITU Academy** is the main ITU platform for capacity building in the ICT/telecom sector, which provides
 - **equal and unique possibilities to participants from different countries** to be virtually on a same place for the same purpose – capacity building in ICT/telecommunications!
- The **Europe** needs **capacity building** for **advanced digital skills** in the emerging telecom/ICT areas.



Thank you for your attention!