CAP Implementation Workshop 2017
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CAP implementation and measurement

The role of ITU

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Membership and Structure

193 MEMBER STATES

698 SECTOR MEMBERS

150 ACADEMIA MEMBERS

ITU-T X.1303

3 SECTORS → Standardization / Radiocommunication / Development →

Each sector has specific mandate, but all work cohesively towards connecting the world

… and to help achieve the SDGs through the use of ICTs

Strong growth in ICTs offers new possibilities for disaster management

- Over 7 billion people (95%) live in an area that is covered by a mobile-cellular network

- In LDCs 85% are covered by a mobile network

- 7.7 billion mobile-cellular subscriptions

- Almost half the world's population is online; ~ 50% of households have Internet at home

- Growth and reach of social media

ITU special programme for LDCs, LLDCs, & SIDS

38-SIDS

Antigua and Barbuda, Bahamas, Bahrain, Barbados, Belize, Cape Verde, Cuba, Dominica, Dominican Rep., Fiji, Grenada, Guyana, Jamaica, Maldives, Marshall Islands, Mauritius, Micronesia (FSM), Nauru, Palau, Papua New Guinea, Samoa, Seychelles, Singapore, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Suriname, Tonga, Trinidad and Tobago

9-SIDS-LDCs

Comoros,
Guinea-Bissau,
Haiti,
Kiribati,
São Tomé and Príncipe,
Solomon Islands,
Timor-Leste,
Tuvalu,
Vanuatu,

17-LLDCs-LDCs

Afghanistan, Bhutan
Burkina Faso,
Burundi, Central African Rep.
Chad, Ethiopia,
Lao P.D.R., Lesotho
Malawi , Mali
Nepal, Niger,
Rwanda,
South Sudan,
Uganda ,
Zambia

32-LLDCs

Armenia, Azerbaijan, Bolivia, Botswana, Kazakhstan, Kyrgyzstan, Moldova, Paraguay, Rep. of Mongolia, Swaziland, Tajikistan, TFYR of Macedonia, Turkmenistan, Uzbekistan, Zimbabwe

47-LDCs

22-Coastal LDCs

Angola, Bangladesh, Benin, Cambodia, Djibouti, DR Congo, Eritrea, Gambia, Guinea, Liberia, Madagascar, Mauritania, Mozambique, Myanmar, Senegal, Sierra Leone, Somalia, Sudan, Togo, United Republic of Tanzania, Yemen

Developed Countries

Other Developing Countries

Emergency Telecommunications – saving lives

PROMOTION, AWARENESS & PARTNERSHIP BUILDING:
- ORGANIZATION OF WORKSHOPS & EVENTS

STRATEGY DEVELOPMENT
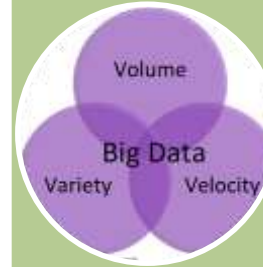- POLICY & REGULATORY FRAMEWORKS
- NETPS
- STUDY GROUPS

EMERGENCY TELECOM PROJECTS:
- EWS
- EOC

CAPACITY BUILDING:
- ICT FOR EMERGENCY RESPONSE/ DRR
- POLICY DEVELOPMENT

INNOVATION:
- BIG DATA
- NEW TECHNOLOGIES

EMERGENCY RESPONSE:
- DEPLOYMENT OF ET EQUIPMENT
- SUPPORT ON SITE

ITU & CAP

- Awareness raising & capacity building
  - Capacity building workshops & training
  - Emergency telecommunication/disaster risk reduction events
  - Guidelines on national emergency telecommunication plans
- Better coordination with ICT community
  - Through ITU Membership: Telecommunication/ICT policy makers, regulators, private sector (operators, OTT players)
- ITU Study Group Question **5/2**: Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response
- Monitoring progress in CAP implementation

ITU Strategic Goals and Targets

by 2020...

Goal 1 Growth : Enable and foster access to and increased use of telecommunications/ICTs

55%
of households should have access to the Internet

60%
of individuals should be using the Internet

40%
Telecommunications/ICTs should be **40%** more affordable

GROWTH

Goal 2 Inclusiveness – Bridge the digital divide and provide broadband for all

50%
of households should have access to the Internet in the developing world; **15%** in the least developed countries

50%
of individuals should be using the Internet in the developing world; **20%** in the least developed countries

40%
affordability gap between developed and developing countries should be reduced by **40%**

5%
Broadband services shou cost no more than **5%** of average monthly income the developing countries

INCLUSION

90%
of the rural population should be covered by broadband services

Gender equality among Internet users should be reached

Enabling environments ensuring accessible ICTs for persons with disabilities should be established in all countries

Goal 3 Sustainability – Manage challenges resulting from the telecommunication/ICT development

40%
improvement in cybersecurity readiness

50%
reduction in volume of redundant e-waste

30%
decrease in Green House Gas emissions per device generated by the telecommunication/ICT sector

SUSTAINABILITY

Goal 4 Innovation and partnership – Lead, improve and adapt to the changing telecommunication/ICT environment

Telecommunication/ICT environment conducive to innovation

Effective partnerships of stakeholders in telecommunication/ICT environment

INNOVATION

NEW ITU Strategic Goals and Targets

Proposal to add a new target on national and local disaster risk reduction strategies. Draft proposal for indicators

- Number of countries that have a National Emergency Telecommunication Plan as part of their national and local disaster risk reduction strategies
- Percentage the population covered by communication channels that can be used to send alerting messages
- Number of countries that have implemented CAP
  - Who should monitor?
  - What should be monitored?
  - What should the target be (for 2025)?
  - How could CAP data help track climate change?