ITU Thematic Priorities
Experts presentations

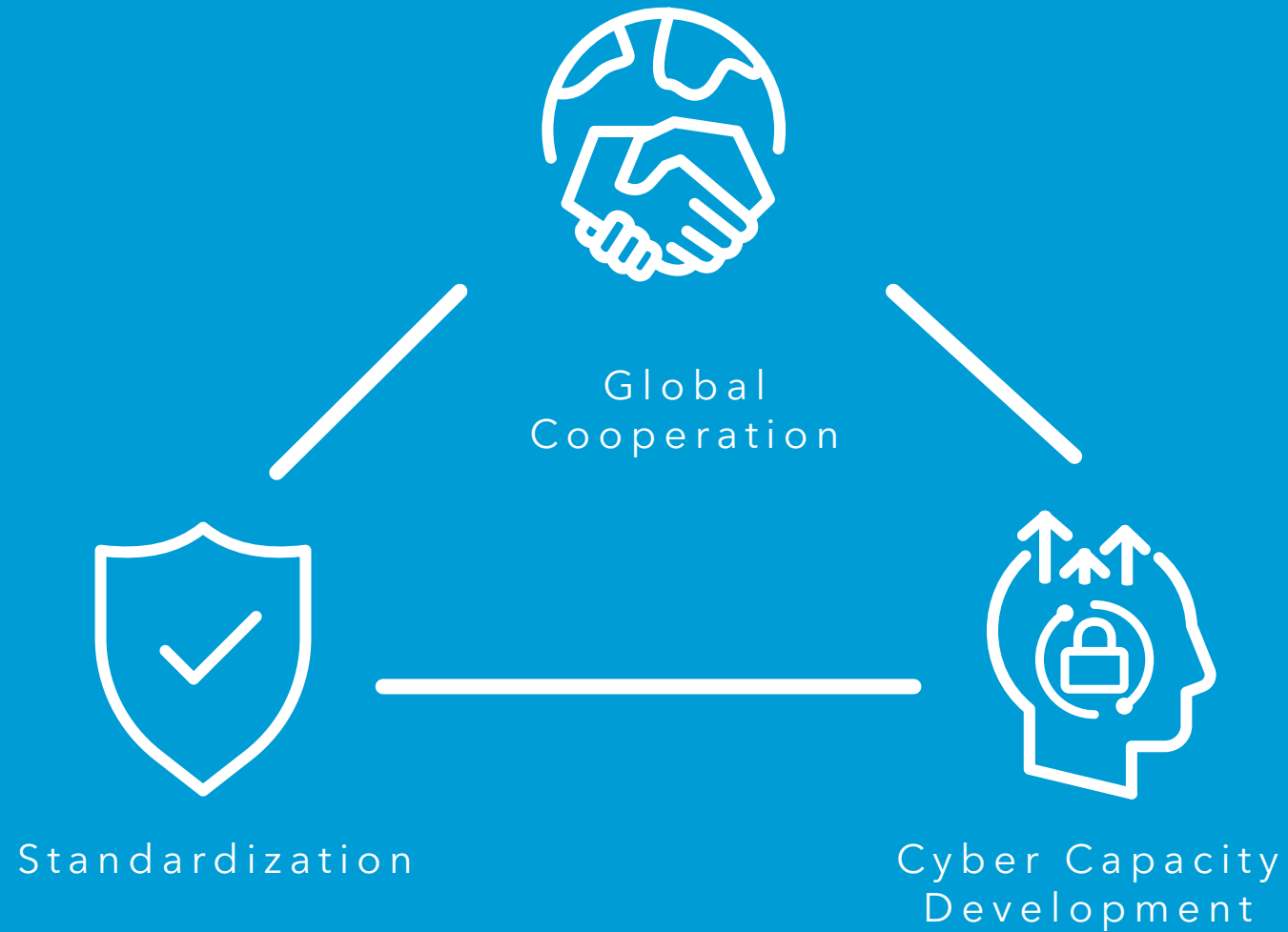
Cybersecurity

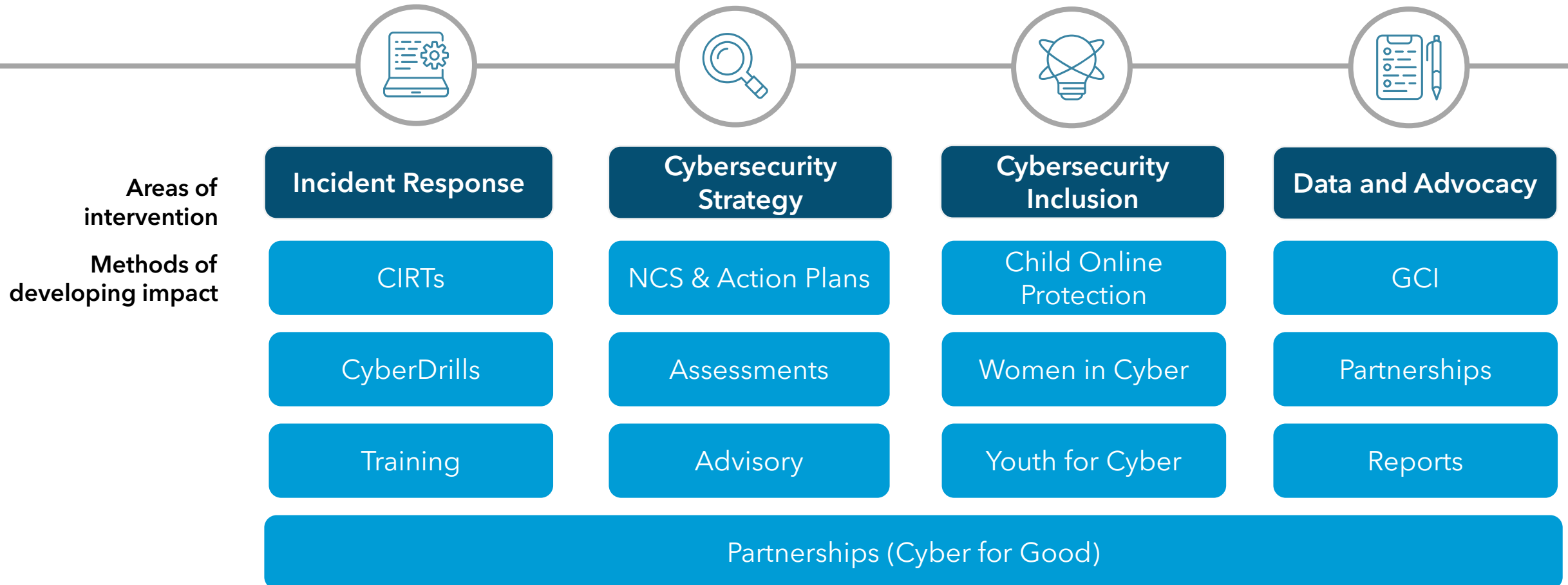October 2023

ITU's Role in Cybersecurity

Global
Cooperation

Standardization

Cyber Capacity
Development

ITUAcademy
TRAINING CENTRES

ITU Cybersecurity Development works across

Areas of intervention

Incident Response	Cybersecurity Strategy	Cybersecurity Inclusion	Data and Advocacy

Methods of developing impact

CIRTs	NCS & Action Plans	Child Online Protection	GCI
CyberDrills	Assessments	Women in Cyber	Partnerships
Training	Advisory	Youth for Cyber	Reports

Partnerships (Cyber for Good)

https://academy.itu.int/

ITU's role in providing capacity building and technical assistance

Areas of intervention

| Incident Response | Cybersecurity Strategy | Cybersecurity Inclusion | Data and Advocacy |

Means of developing impact (Products and Services)

Solutions and tools (Frameworks, Guidelines and Data)

Project Implementations Through Partnerships (i.e Cyber for Good, National CIRTs, etc.)

Capacity Development
(training, mentoring, fellowships, content development, on-the-job training)

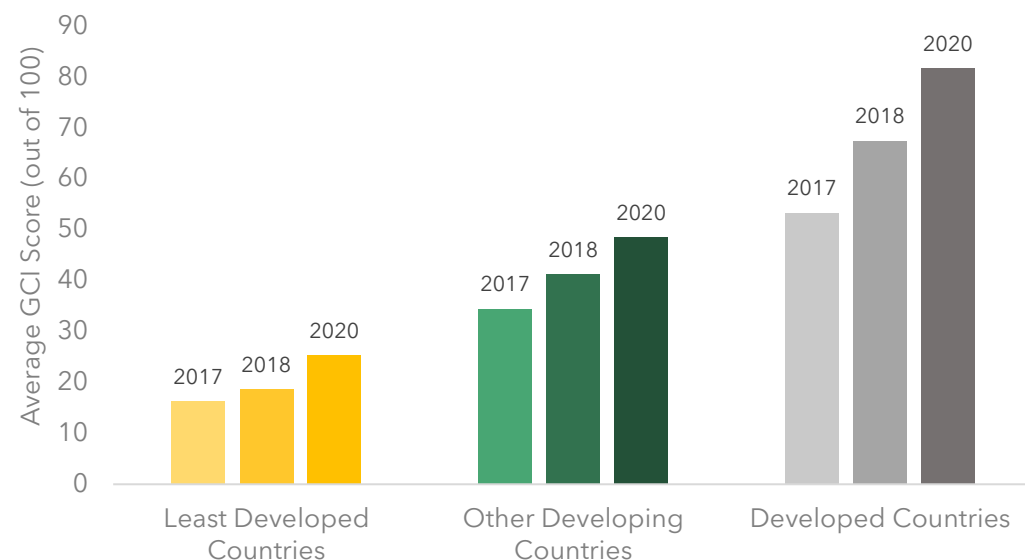Establish networks of practice and support

Training, TTXs & Workshops

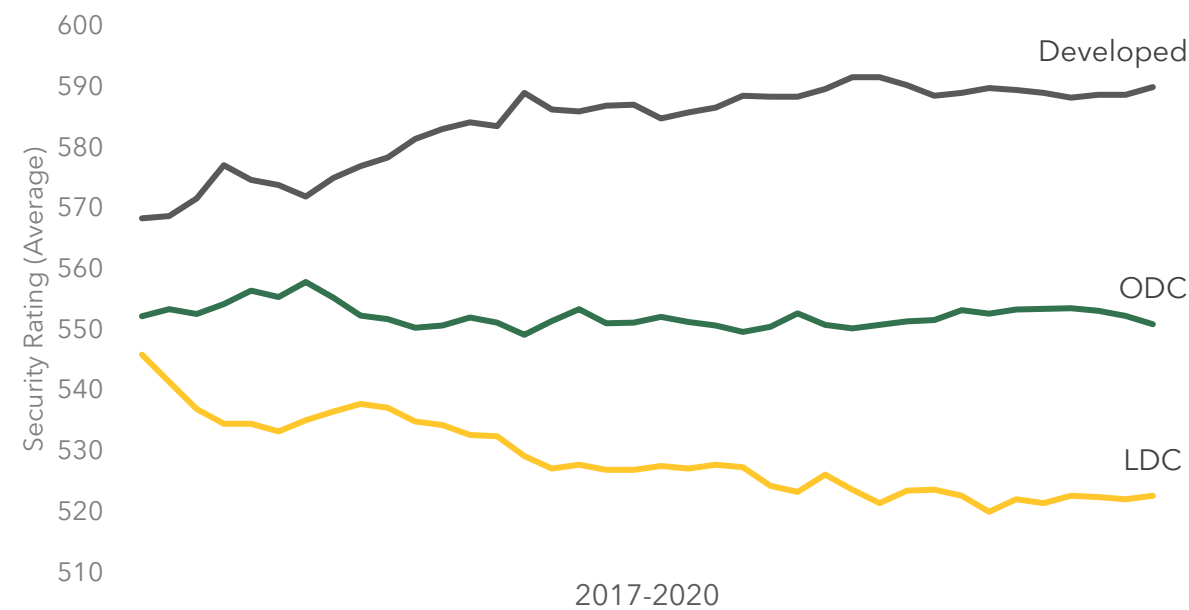# ITU Cybersecurity aims to target cybercapacity gaps

Not all are ready to receive support, and need foundational trainings
Other countries need access to advanced tools, services, and trainings to build their digital ecosystems

ITU Global Cybersecurity Index (2017-2020)

Average GCI Score (out of 100)

Least Developed Countries: 2017, 2018, 2020
Other Developing Countries: 2017, 2018, 2020
Developed Countries: 2017, 2018, 2020

BitSight Security Rating (2017-2020)

Security Rating (Average)

Developed
ODC
LDC

2017-2020

Sources: BitSight, 2017-2020, UN Population Program, ITU ICT Indicators   Note: ODC (Other Developing Countries)   https://academy.itu.int/

National CIRT establishment & enhancement

Activities

- National CIRT Assessments: Defines the readiness to implement a national CIRT

- CIRT establishment: after the CIRT assessment, we assist with planning, implementation, and operation of the CIRT

- ITU's continued collaboration with the newly established CIRT ensures that support remains available, and institutions can be further enhanced

Impact:

- 85 CIRT assessments completed

- 23 CIRTs established

- 6 CIRTs enhanced

Future Activities:

- Additional assessments, establishments, and enhancements

CyberDrills: information sharing & hands-on capacity building

Activities

- Hands-on exercises for national CIRTs
- Platform for cooperation and information sharing on good practices and current cybersecurity issues
- Production of "CyberDrill Framework"

Impact

- Over 36 regional and global CyberDrills since 2012
- Over 120 countries involved

Future Activities

- Continue to hold CyberDrills in regions and countries based on demand

Recent and Upcoming CyberDrills:
- Africa Regional CyberDrill(May 2023, Malawi)
- America Regional CyberDrill (June 2023, Dominican Republic)
- South America CyberDrill (Sept 2023, Chile)
- Arab and CIS inter-regional CyberDrill (Oct 2023, UAE)
- EU and ASP inter-regional CyberDrill (Oct 2023, TBD)
- Global CyberDrill (Nov 2023)

National Cybersecurity Strategies: development support

Activities:

- National Cybersecurity assessments

- Facilitation of NCS Development and Implementation

- Trainings and Human Capacity Development

- Technical Assistance

Impact:

- Convened 20+ partners to create new NCS guide

- Conducting NCS development activities

- Running table-top exercises in intervention countries

Future Activities
- New TTX developed to be deployed

Strategic Engagement in Cybersecurity

Guide to Developing a
National Cybersecurity
Strategy

2nd Edition 2021

Women in Cyber Programme

Activities

• Trainings (technical and soft skills)

• Guided mentorship & role modeling

Impact:

• 73 countries from the Global South

• 2 editions

• 300+ mentees, 100+ mentors

• 95% of mentees have reported an improved awareness of the different career paths in cybersecurity thanks to the WiC programme.

• 97% of mentees have reported increased confidence being a woman in cybersecurity

Future Impact:

• Her CyberTracks training policy makers and diplomacy on cybersecurity

• Future cohorts of Women in Cyber