



# Regional perspective based on ITU's Global Cybersecurity Index (GCI)

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 [itu.int/gci](https://itu.int/gci)

 [gci@itu.int](mailto:gci@itu.int)

 [@itu](https://twitter.com/itu)





# WHAT IS ITU

## ITU builds technical and human capacity in ICTs

**ITU is the United Nations specialized agency for ICTs.**

Founded in 1865, it works to facilitate international communications, ensure seamless interconnections, and improve ICT access to underserved communities worldwide. ITU is **committed to connecting all the world's people** – wherever they live and whatever their means.

**193**

MEMBER STATES

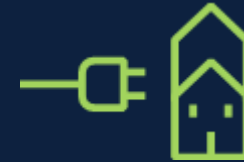
**+800**

INDUSTRY & INTERNATIONAL ORGANIZATIONS

**+150**

ACADEMIA MEMBERS

**ITU works across three main areas:**



**ITU Development**

Bridging the digital divide



**ITU Radiocommunication**

Coordinating radio-frequency spectrum and assigning orbital slots for satellites

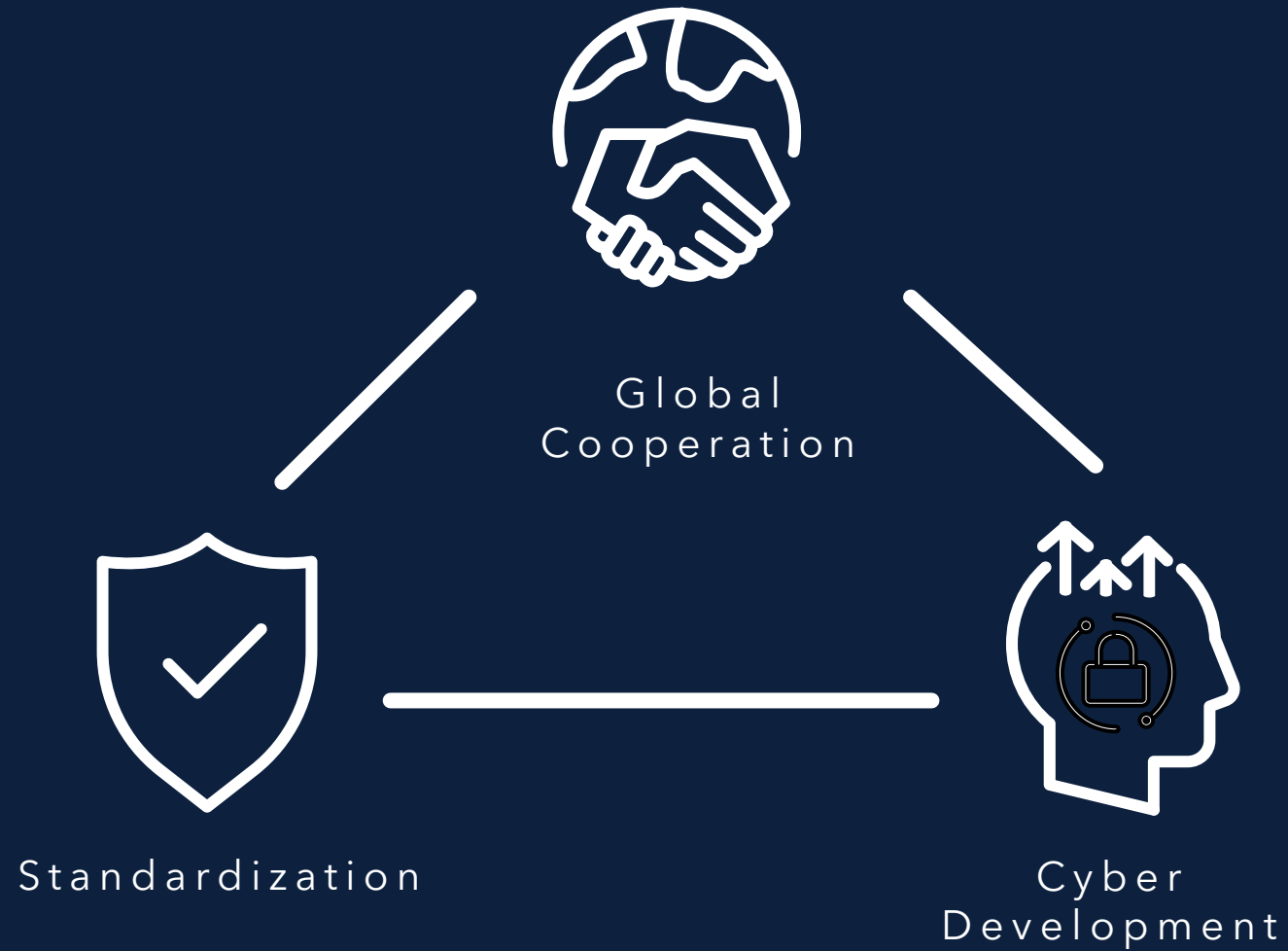


**ITU Standardization**

Establishing global standards



# ITU's Role in Cybersecurity



# The ITU Global Cybersecurity Index is a composite index that measures key aspects of state-level cybersecurity practices

## The GCI is designed to:

- ✓ Drive awareness global cybersecurity
- ✓ Share best practices
- ✓ Drive continuous cybersecurity improvement
- ✓ Build capacity in ITU Members

## Key Facts

First released: **2015**

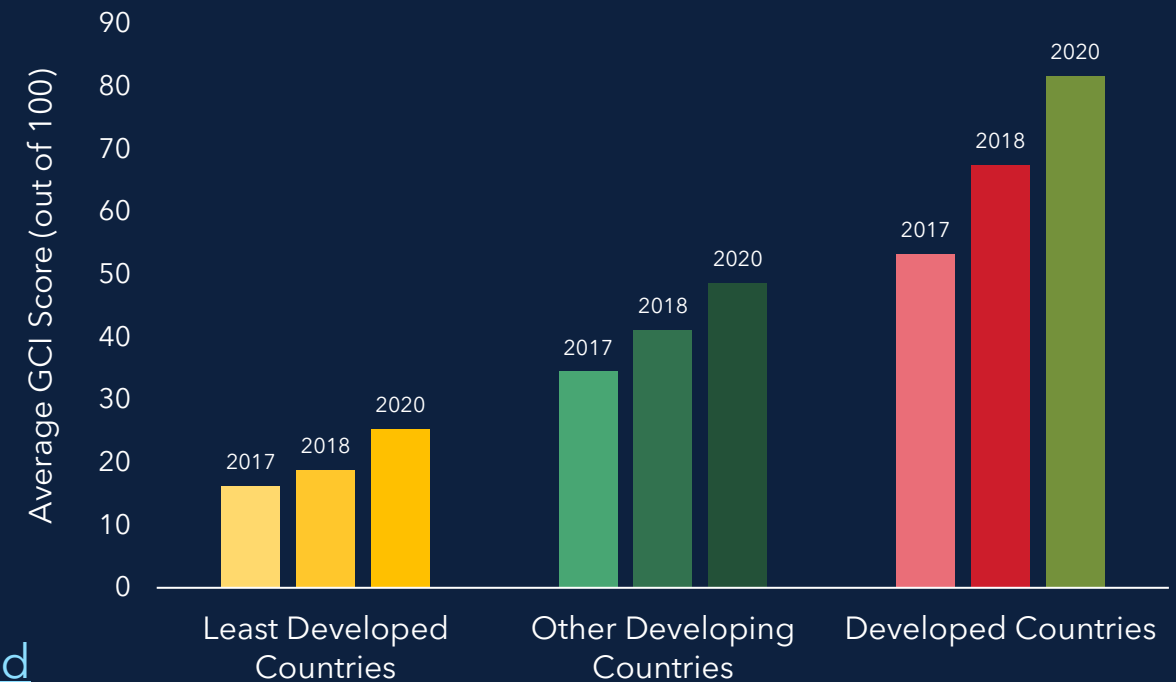
Country Participation in 2020: **169 (of 194)**

Mentions in scholarly articles: **>1 700\***

Used in cybersecurity maturity measures by Oxford

Featured in: [Forbes](#), [India Times](#), [Straits Times](#), [World Economic Forum](#), among others

### ITU Global Cybersecurity Index (2017-2020)



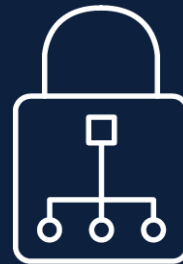
# Commitment is measured in the five pillars of the Global Cybersecurity Index



**Legal**



**Technical**



**Organizational**



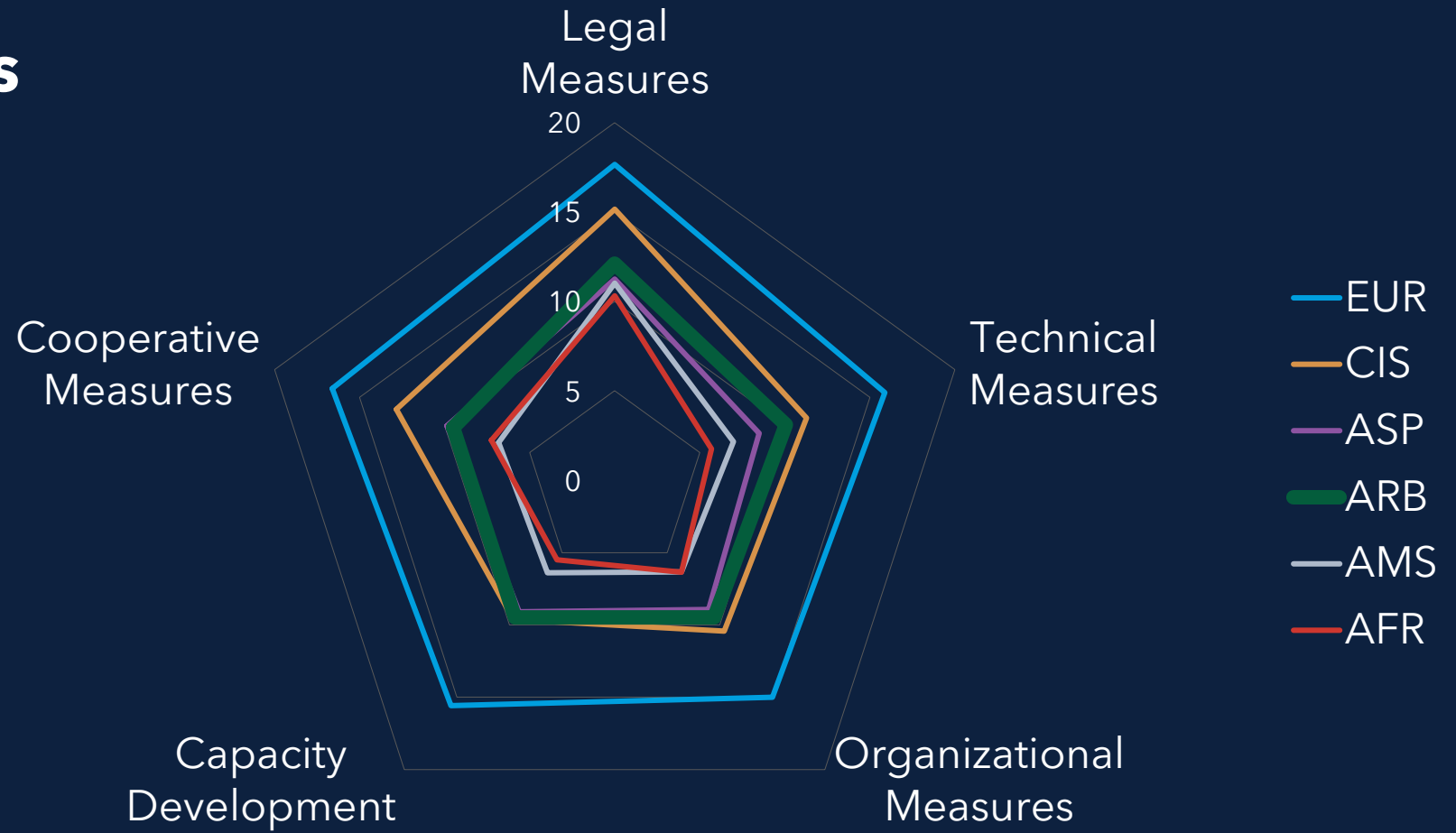
**Capacity  
Development**



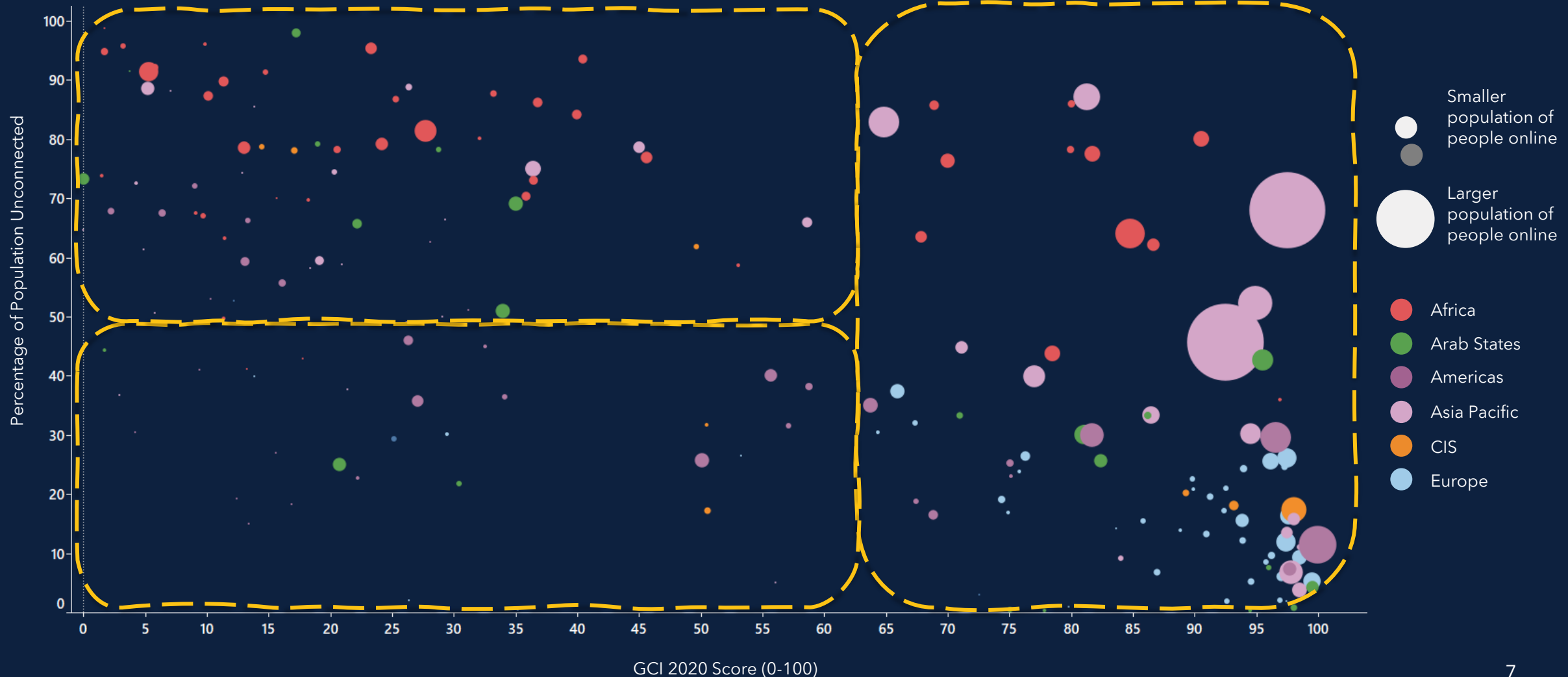
**Cooperation**

**Compared to other ITU regions, the Arab region performance is average.**

Global Cybersecurity Index 2020: Arab States region vs other regional performance



# As people come online, will they be cybersecure?





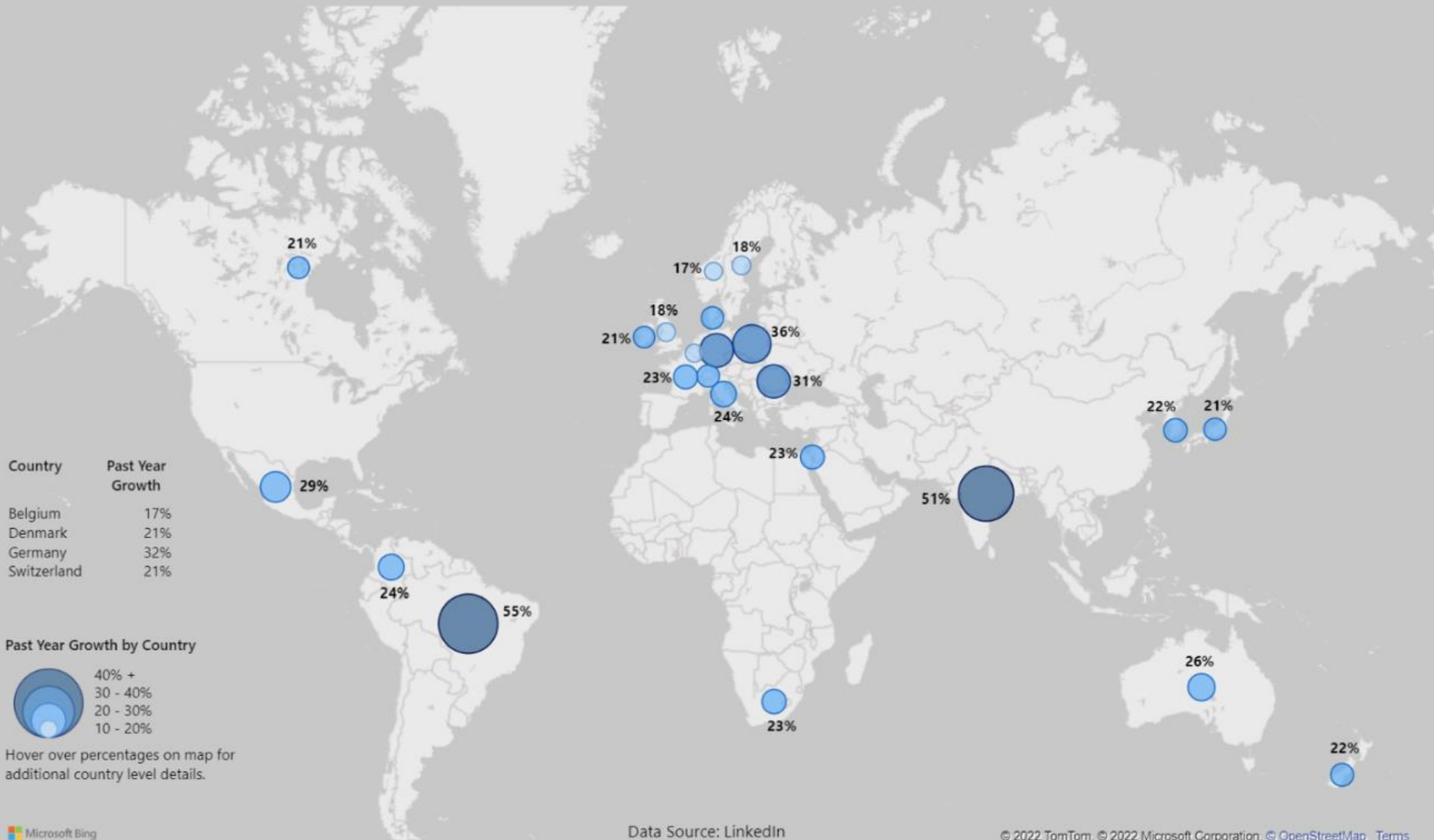
# Demand for cybersecurity skills has increased ~29% over the past year.

Navigation

Europe

Global Gender Disparities

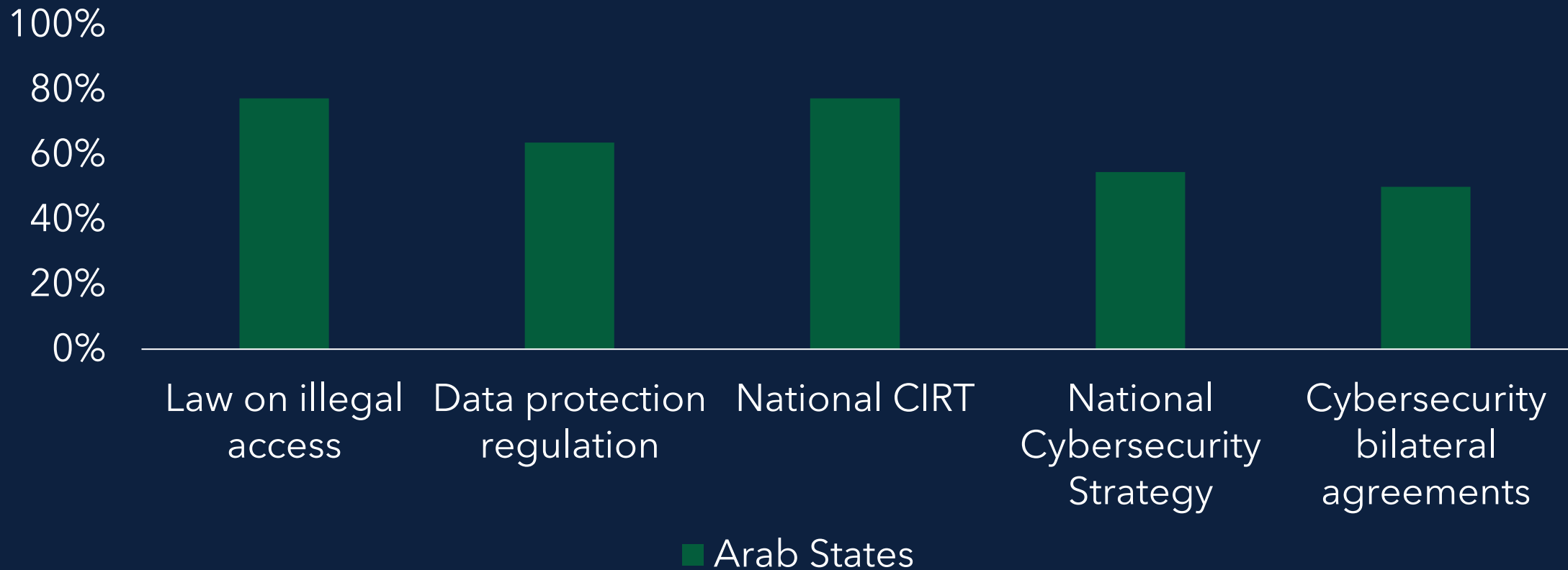
Europe Gender Disparities





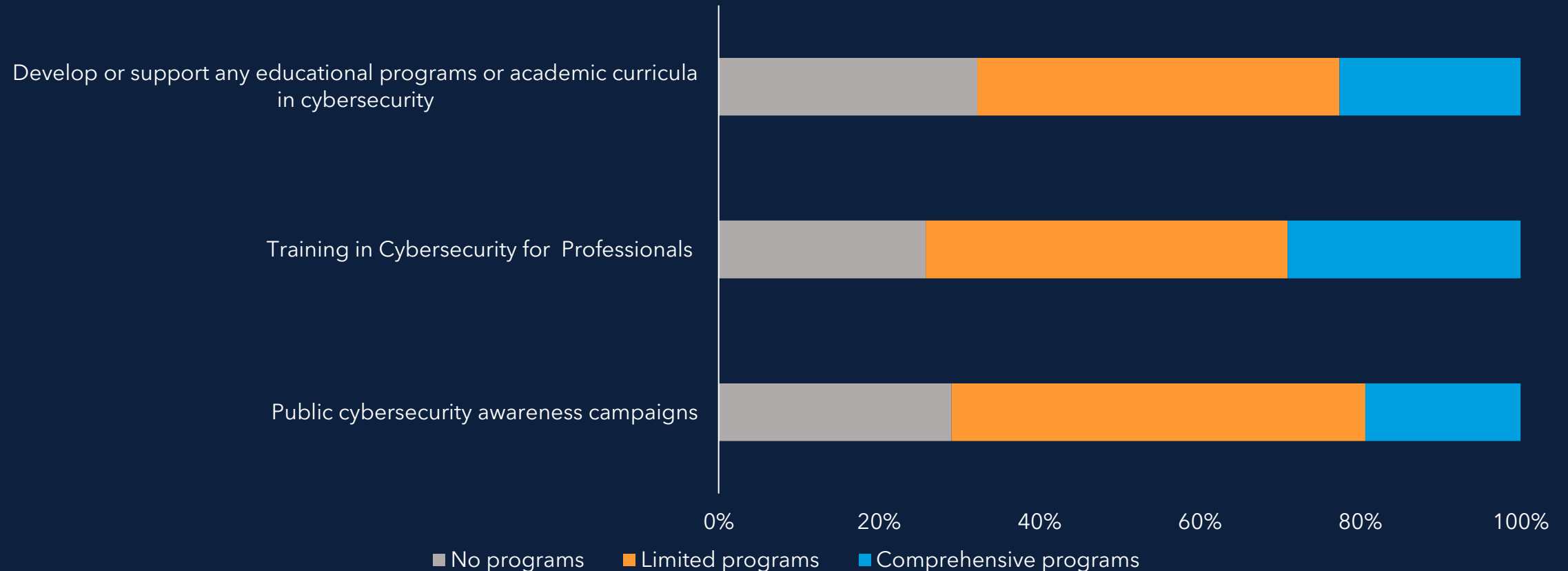
# Performances across different pillars In Arab Region

Percentage of countries with specified indicators per region



# Need of public awareness trainings targeting specific groups in Arab Region .

Percentage of countries with cybersecurity programs



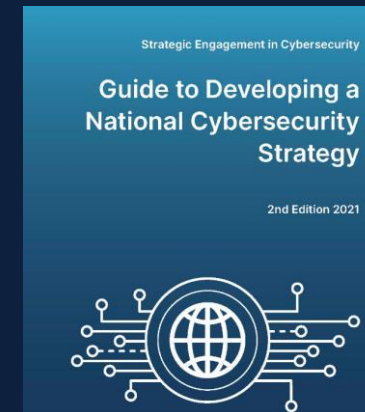
## **In GCI 2020, less than 20% of countries in Arab States regions reported having:**

- ☒ Sectoral CIRTs for the different critical infrastructures
- ☒ National Cybersecurity Strategy (many in a draft state or obsolete)
- ☒ Partnerships with the private sector
- ☒ National Cybersecurity Industries
- ☒ Government incentives to promote the cybersecurity sector
- ☒ Cybersecurity related research and development

# Examples of tools to improve cybersecurity



Establishment of national CIRTs for the 5 countries with no CIRTs



Strong coordination and cooperation, such as through a National Cybersecurity Strategy

# tools to improve cybersecurity



Professional Trainings and  
capacity development

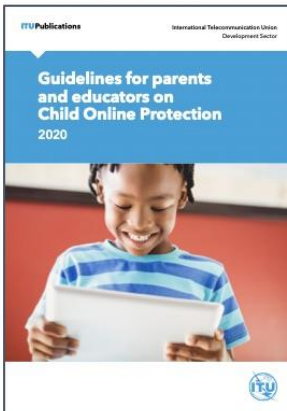


Support cybersecurity  
professionals through  
educational programs in  
schools

Online safety activity book  
**WORK WITH SANGO**



Online safety activity book  
**TEACHER'S GUIDE**



Online with  
**SANGO**

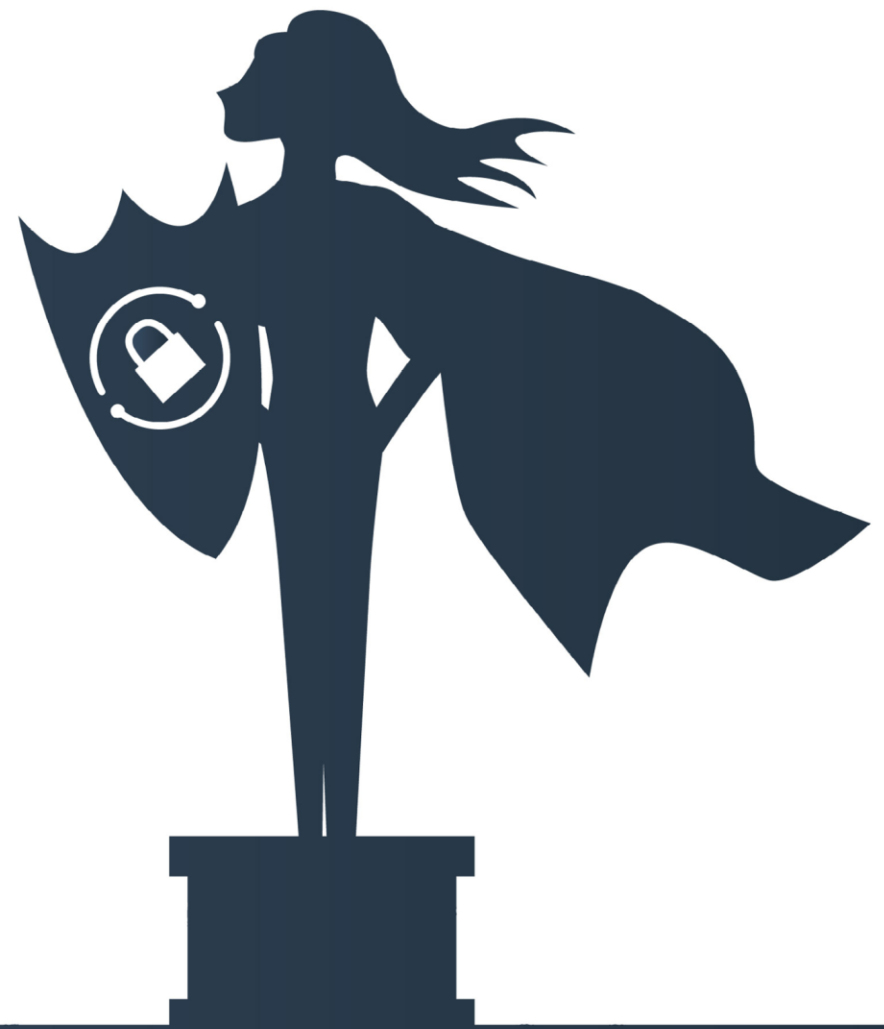


For more information please visit: [www.itu-cop-guidelines.com](http://www.itu-cop-guidelines.com)



# Women in Cyber Mentorship Programme

*Become a changemaker  
in cybersecurity*



Partners



# THANK YOU!