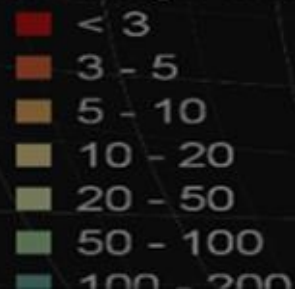


# Digital as the essential condition for transforming to a connectivity hub for SPECA and beyond

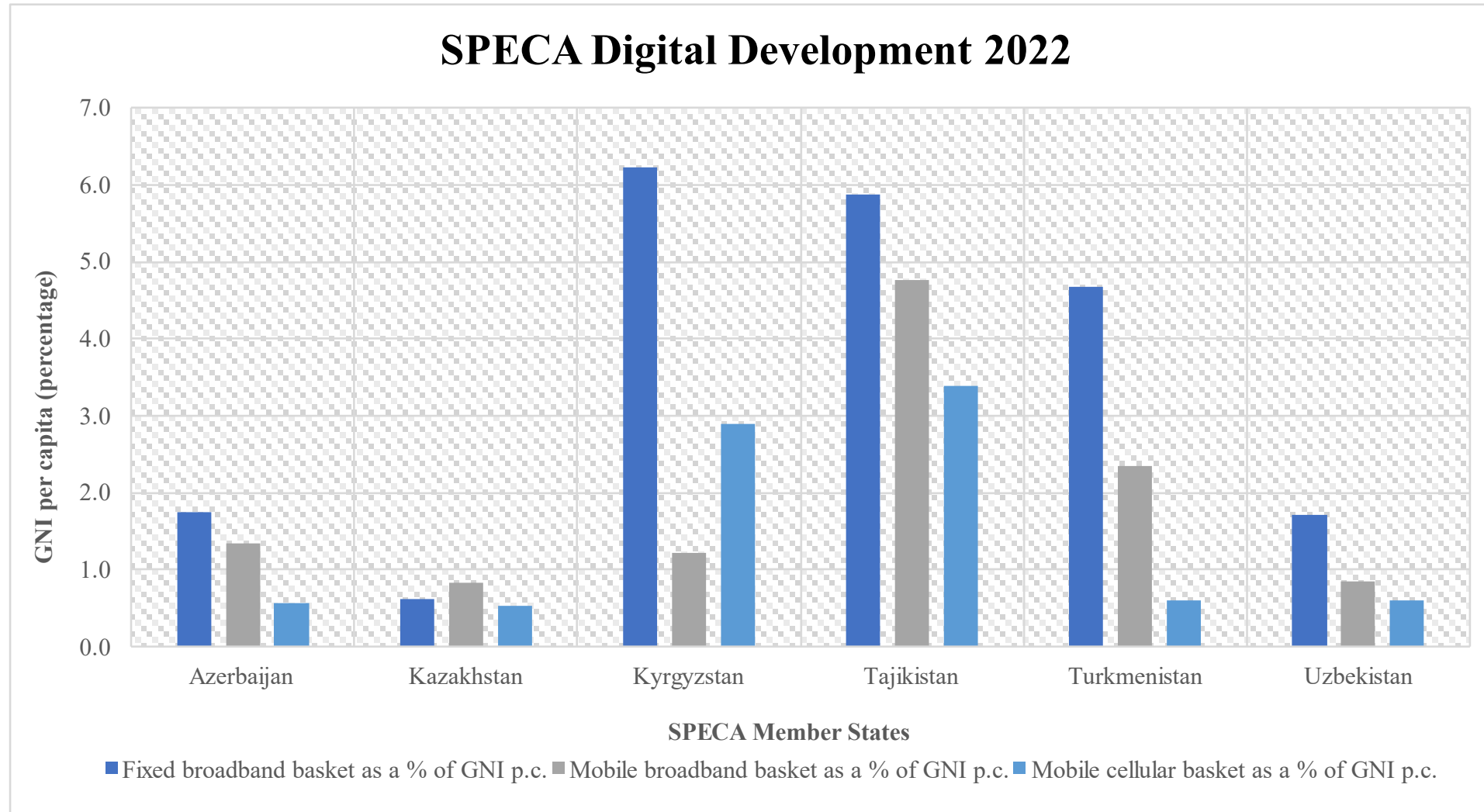
Tiziana Bonapace  
Director of IDD, ESCAP

Average download speed (mb/s)



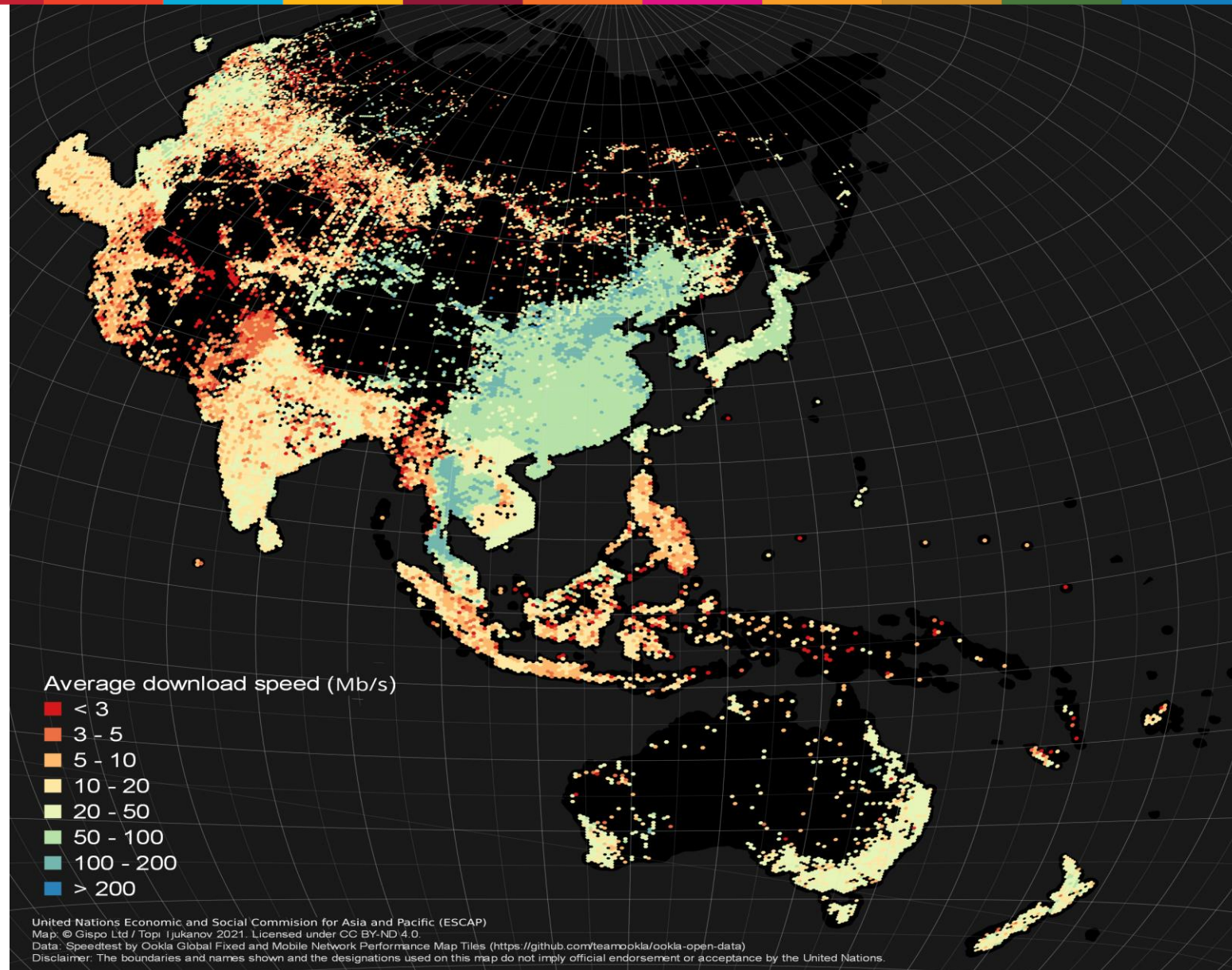
SPECA Economic Forum  
21 November 2023, Baku, Azerbaijan

## 1. Affordability with three countries meeting affordability target (below 2 % of GNI p.c.)



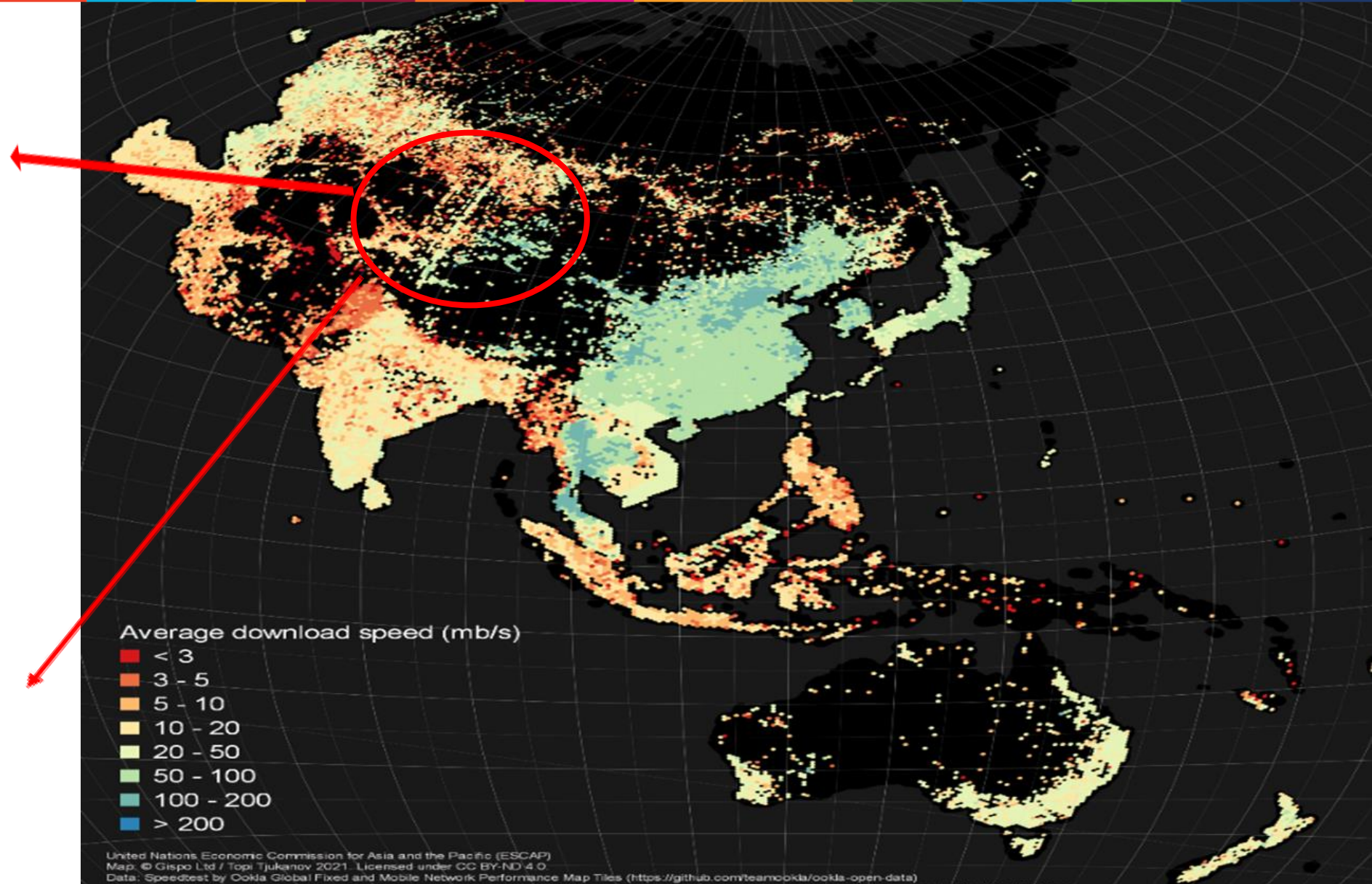
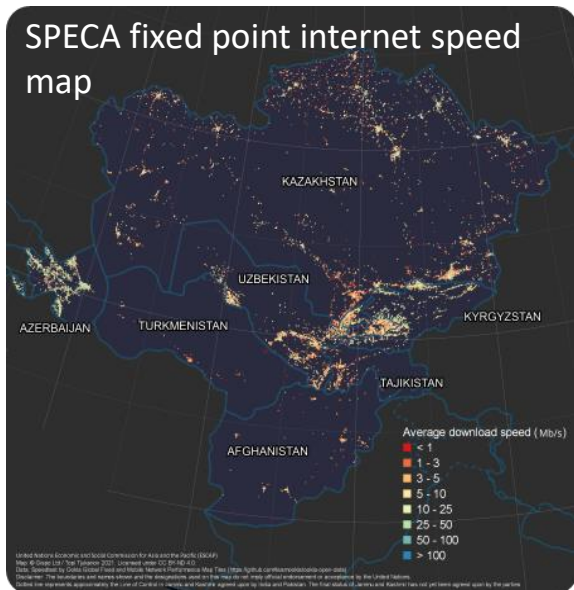
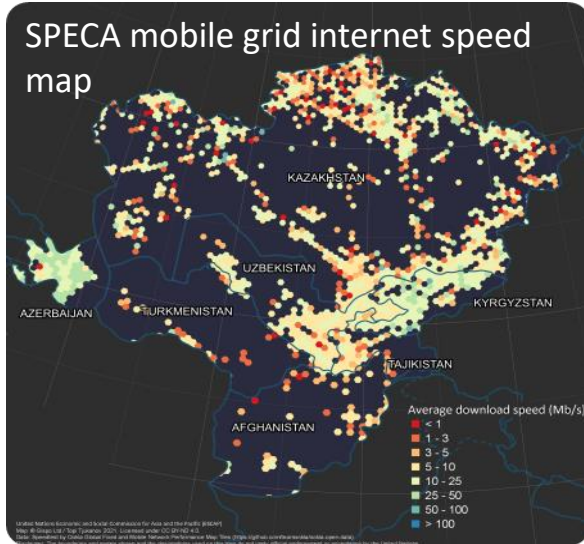
# Internet quality:

## 2. High speeds in Asia and the Pacific



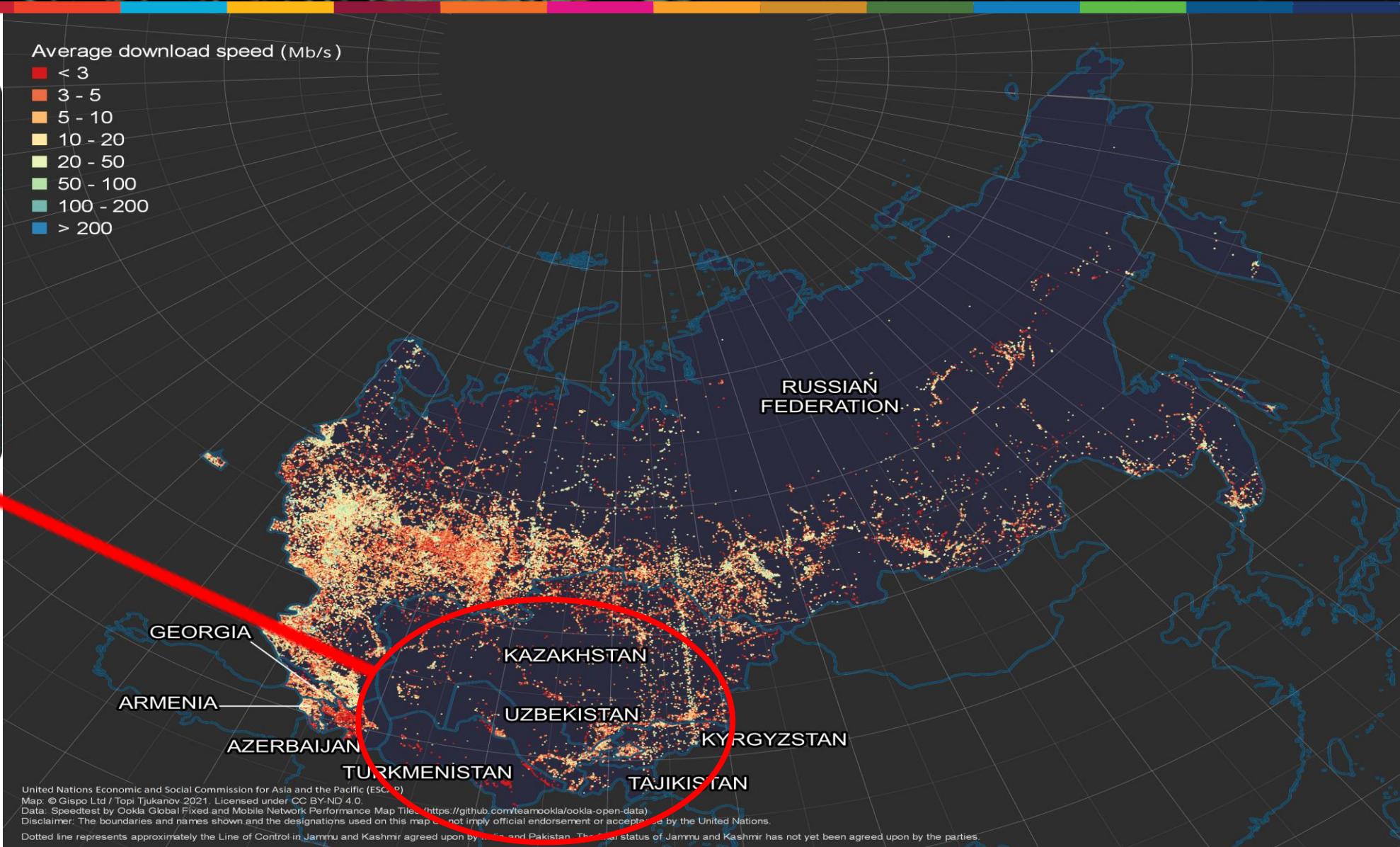
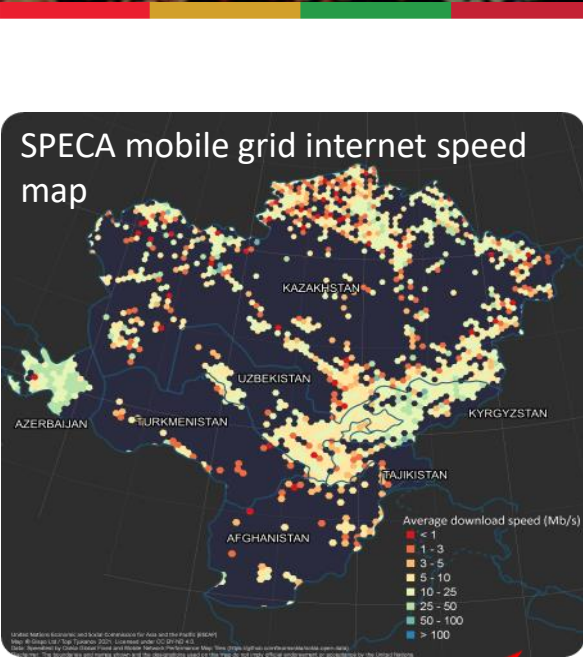
# Internet quality:

## 2. High speeds in Asia and the Pacific



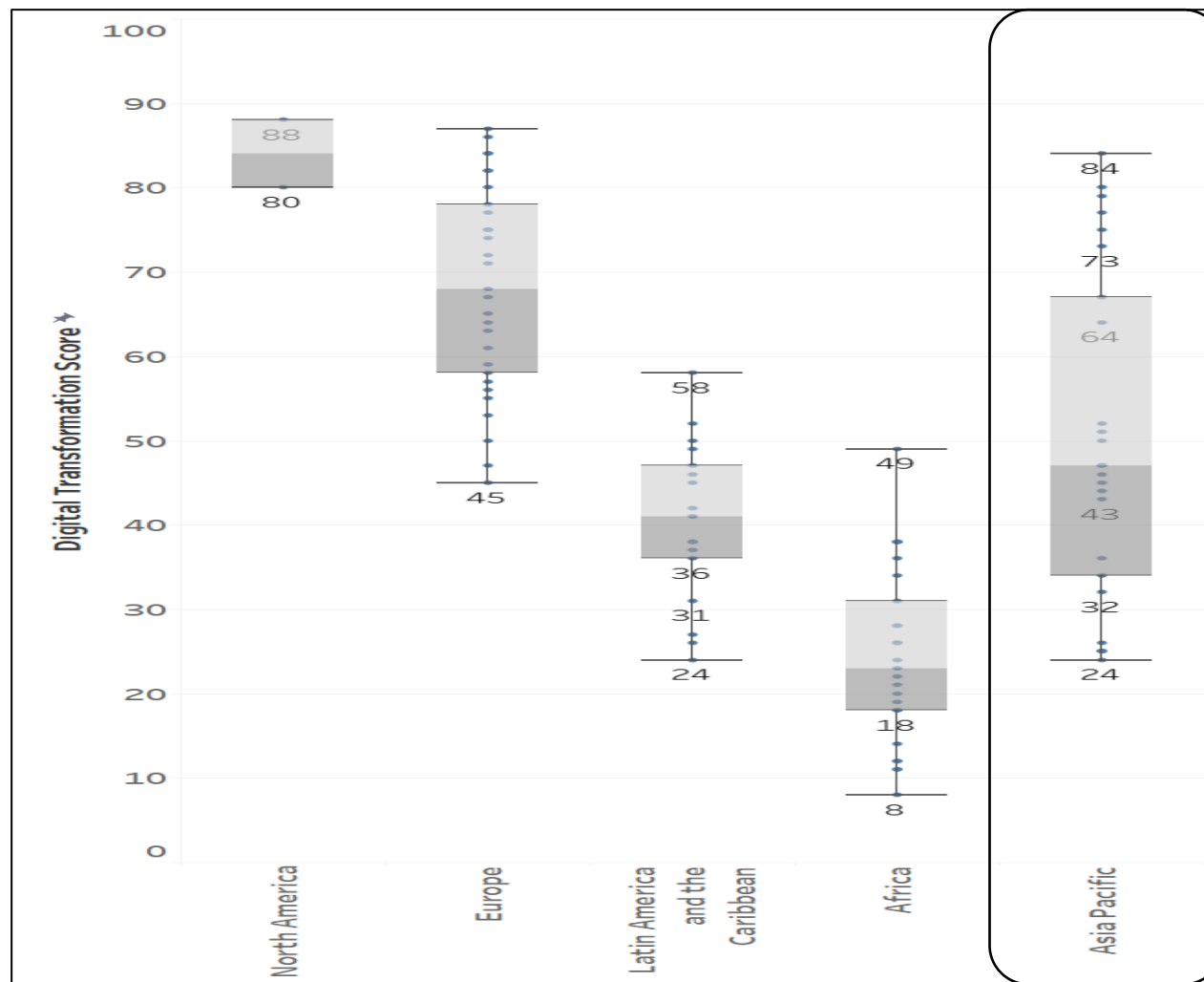
# Internet quality:

## 3. Speeds in SPECA



Resulting picture:

# Asia-Pacific is most digitally divided



# ESCAP promoted tools:

## 1. Simulator for Infrastructure Corridors



ESCAP

Profile

Almaty - Cholpon-Ata

Methodology

ECONOMY

Algorithm

ALL

Formula

Calculate

Detailed description of segments for building or reconstruction, [alchol\\_roadsegments.csv](#)

Browse... [alchol\\_roadsegments.csv](#)

Upload complete

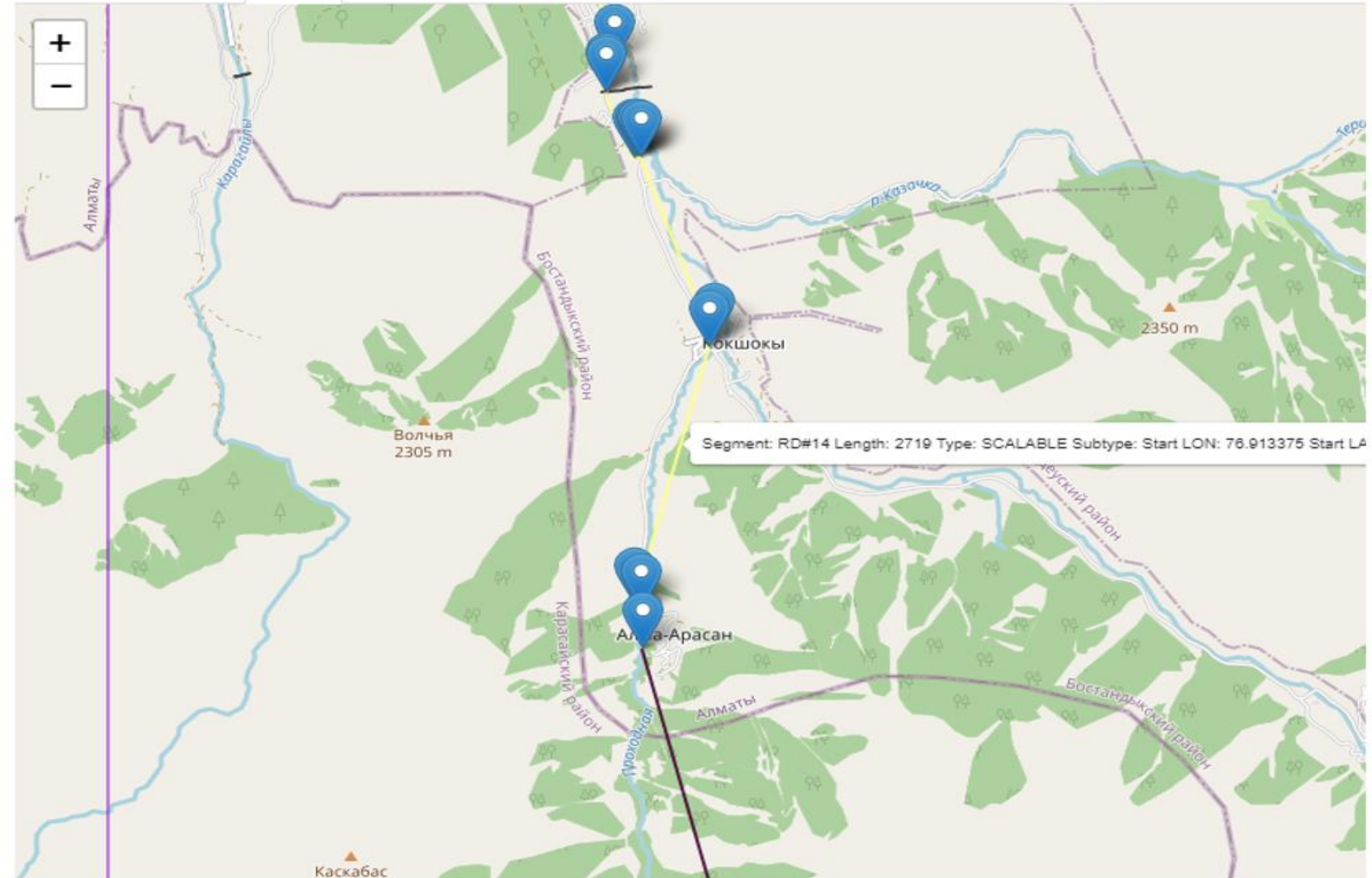
Database of labor norms for building, reconstruction and maintenance of infrastructure facilities, [laborDB.csv](#)

Browse... [laborDB.csv](#)

Upload complete

Determination of the economic efficiency of the implementation of scenarios for the development of the Infrastructure corridor

Results Log Map



## 2. E-Resilience Monitoring Dashboard



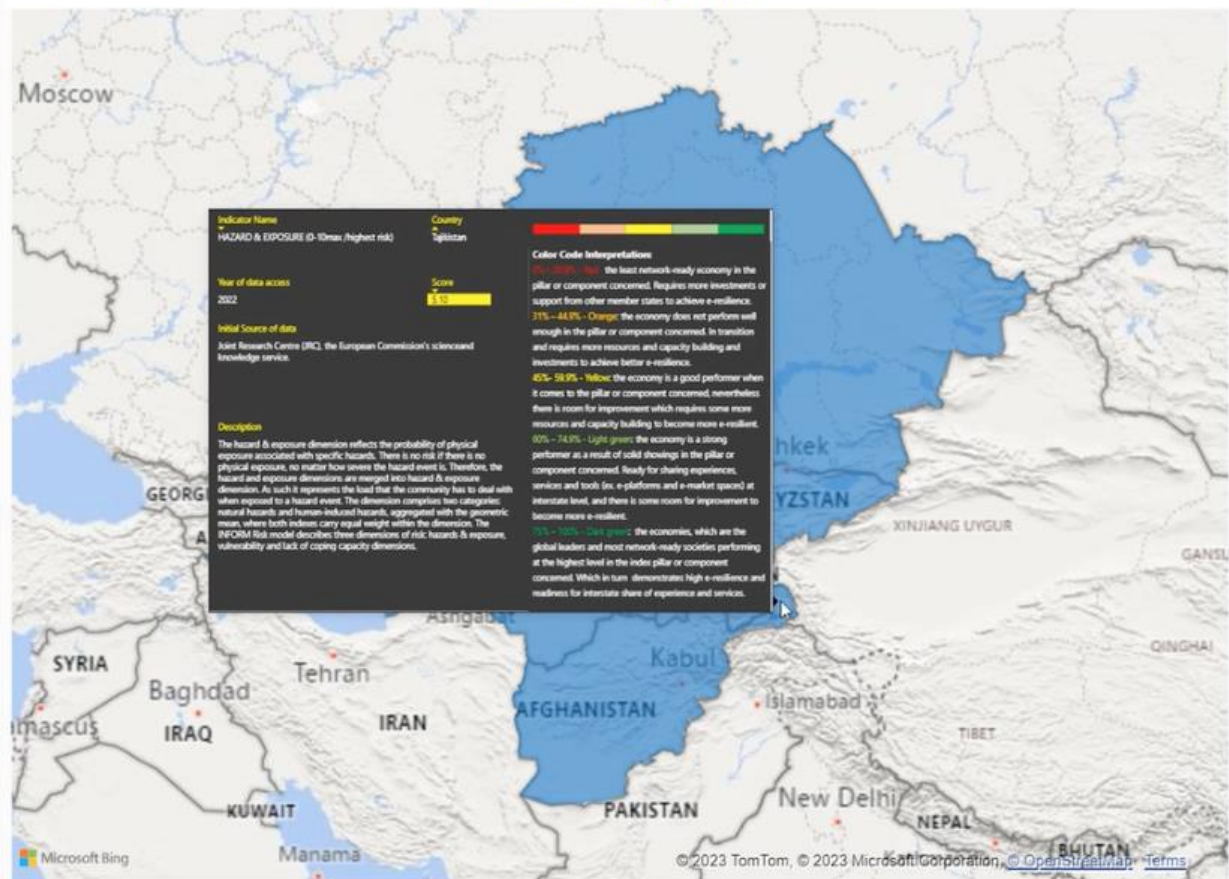
### E-Resilience Monitoring Dashboard

**Country Group:** SPECA   
**Country:** All   
**Pillar:** All   
**Indicator:** All   
**Year:** 2022

- Pillar:** ICT infrastructure as a physical foundation
- Pillar:** ICT policy in different sectors
- Pillar:** ICT's role in setting up new systems and applications

Name	Azerbaijan	Kazakhstan	Kyrgyzstan	Tajikistan
Mobile tariffs (% max)	63.66	90.87	40.59	
Percentage of fixed broadband subscriptions per 100 inhabitants (% max)	75.80	83.80	6.40	
Percentage of fixed broadband subscriptions per 100 inhabitants (0-100 % max)	84.80	92.40		
Percentage of fixed broadband subscriptions per 100 inhabitants (% max)	84.60	85.90		
Adult Literacy (normalised, 0-100 max)	99.76	99.75	99.50	
Cybersecurity (0-100 max)	89.31	93.15	49.64	
Ease of doing business (0-100 max)	78.51	79.56	67.82	
E-commerce legislation (normalised, 0 - 100 max)	75.00	75.00	75.00	
Government Effectiveness -2.5 - 2.5(max)	-0.17	0.16	-0.54	
ICT Regulatory Environment (0-100 max)	61.18	48.24	74.71	
Legal framework's adaptability to emerging technologies (normalised, 0 - 100 max)	64.46	42.88	13.42	
mean year of schooling	10.48	11.00	10.60	
Public trust in politicians 1-7 (max)	4.65	3.76	2.84	
R&D expenditure by governments and higher education (% of GDP) (0-100 max)	14.77	3.05	4.82	
Regulatory quality (normalised, 0 - 100 max)	34.95	44.86	31.66	
Secure Internet servers (normalised, 0-100 max)	45.47	64.67	48.20	
Adoption of emerging technologies (normalised, 0-100 max)	62.72	38.60	15.66	
Firms with website, % of total (0-100 % max)	27.19	47.33	55.20	
Government promotion of investment in emerging technologies (0-100 max)	60.00	50.00	45.00	

### Hazard & Exposure



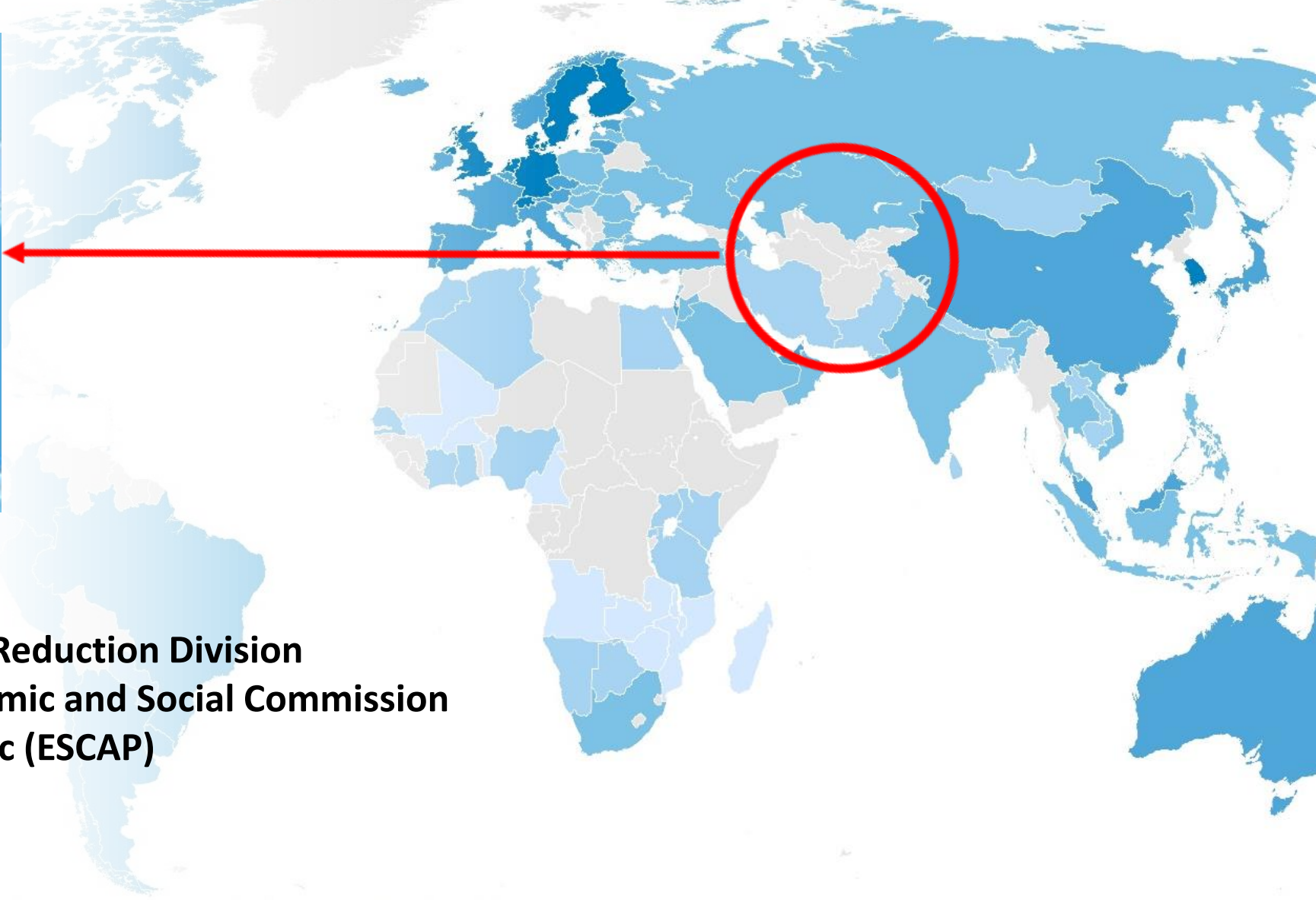


# Way Forward



1. **Inter-governmental:** Asia-Pacific Digital Ministerial Conference, September/October 2024, Kazakhstan
2. **Digital solutions:** Initiative of Kazakhstan to establish the UN Digital Solutions Center for Sustainable Development (DSC SD)
  - a. ESCAP resolution 79/10 in May 2023
  - b. The 4<sup>th</sup> Session of SPECA WG on Innovation and Technology in October 2023
3. **Region-wide cooperative mechanism:** Asia-Pacific Information Superhighway (APIS) and its Action Plan 2022-2026

# Thank you very much



**ICT and Disaster Risk Reduction Division  
United Nations Economic and Social Commission  
for Asia and the Pacific (ESCAP)**