ESCAP Cooperation for Building Digital Solutions Center for Sustainable Development

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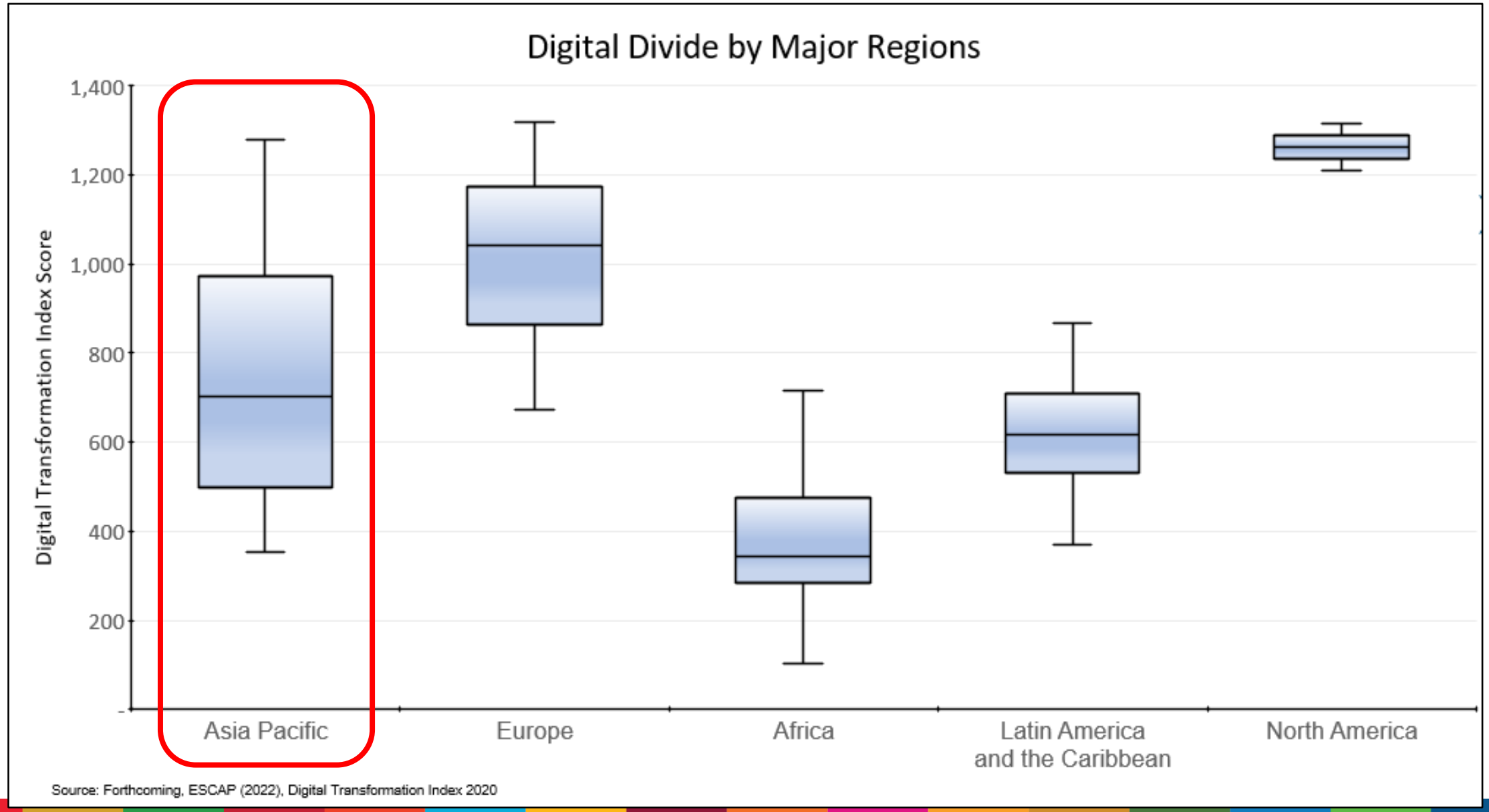
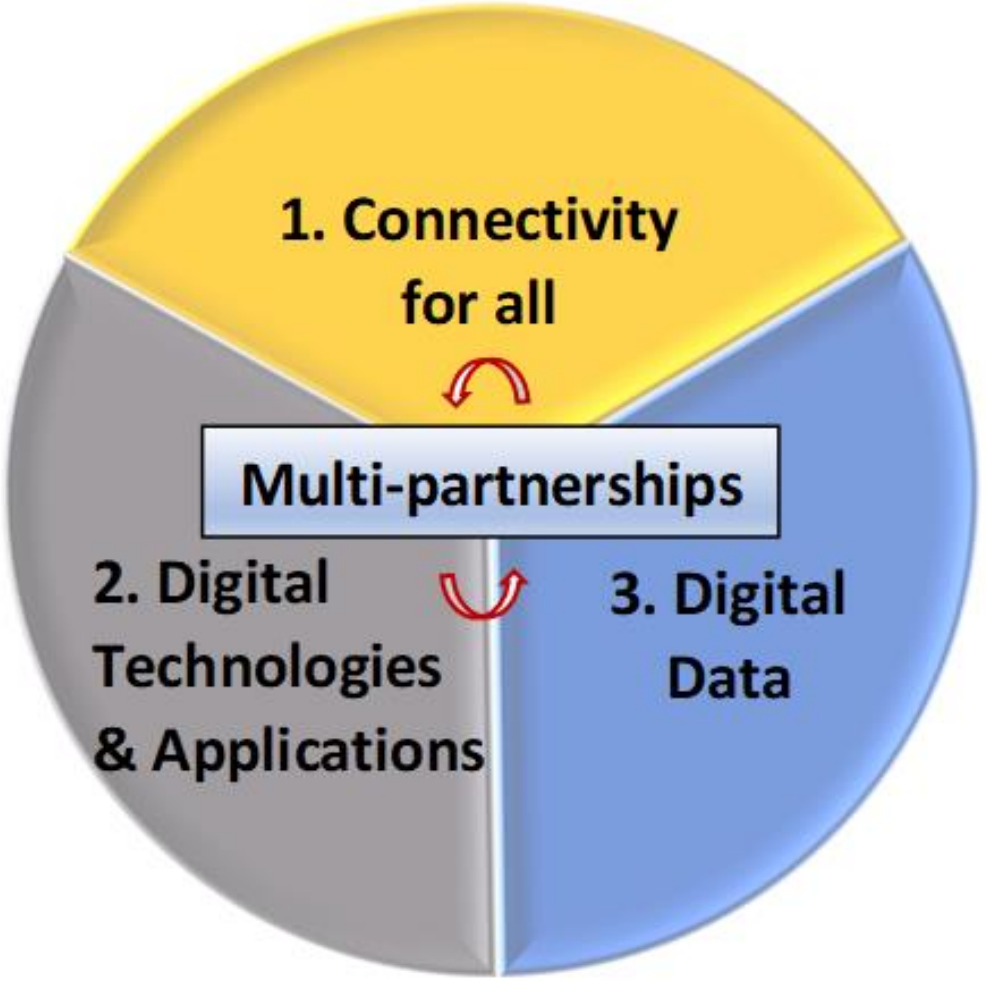

Digital Divide by Major Regions
Digital Transformation Index Score
1,400
1,200
1,000
800
600
400
200
-
Asia Pacific
Europe
Africa
Latin America and the Caribbean
North America
Source: Forthcoming, ESCAP (2022), Digital Transformation Index 2020

AP-IS Action Plan (2022-2026): Regional Blueprint

Objective: To bridge the digital divide and accelerate digital transformation by promoting connectivity, digital applications and data use.

MDDIAI serves as vice chair of WG 1

3 Pillars and 25 Actions



Roadmap for Digital Solutions Center for Sustainable Development

Mandate

- MoU between ESCAP and MDDIAI signed on 21 April 2021
- Kazakhstan: ensure a sustainable future after COVID-19 and overcome poverty (statement of Head of State on 6 August 2021)

Objective

Provide digital solutions to accelerate digital transformation towards building an inclusive digital society in Central Asia

Key Functions

1. **Accelerator**: Accelerate digital transformation towards an inclusive digital economy and society
2. **Coordinator**: digital related agendas and cooperation in **development sectors such as water, energy, agriculture, industry, transport and trade.**

Three-phase Development

Foundation Phase ➡ Adaptation Phase ➡ Acceleration Phase

1. **Actions at Foundation Phase**
   a. Develop shared strategy for CA
   b. Develop regulatory frameworks at national level
   c. Promote investment in digital connectivity infrastructure
   d. Enhance investment in R&D for digital technologies and applications.
   e. Strengthen IT education, literacy, and knowledge
   f. Foster critical IT mass and professional groups for active use of frontier technologies such as AI.

Three-phase Roles of DSC SD (Adaptation Phase)

2. Actions at **Adaptation Phase**

- Prepare new digital vision and strategy towards an inclusive digital society.
- Promote investment in next generation Internet and technologies.
- Develop high level digital technology applications in the development sector such as health, education, transport, finance, trade, disaster management, etc.
- Strengthen capacity for in-depth analysis and research
- Promote digital platform business and markets through sandbox regulatory approaches
- Support IT start ups and women entrepreneurs as well as digital platform.
- Foster IT skills of high-level officials to lead digital transformation.
- Promote digital education, literacy and skills for vulnerable groups.
- Strengthening privacy and protection of personal and critical data.

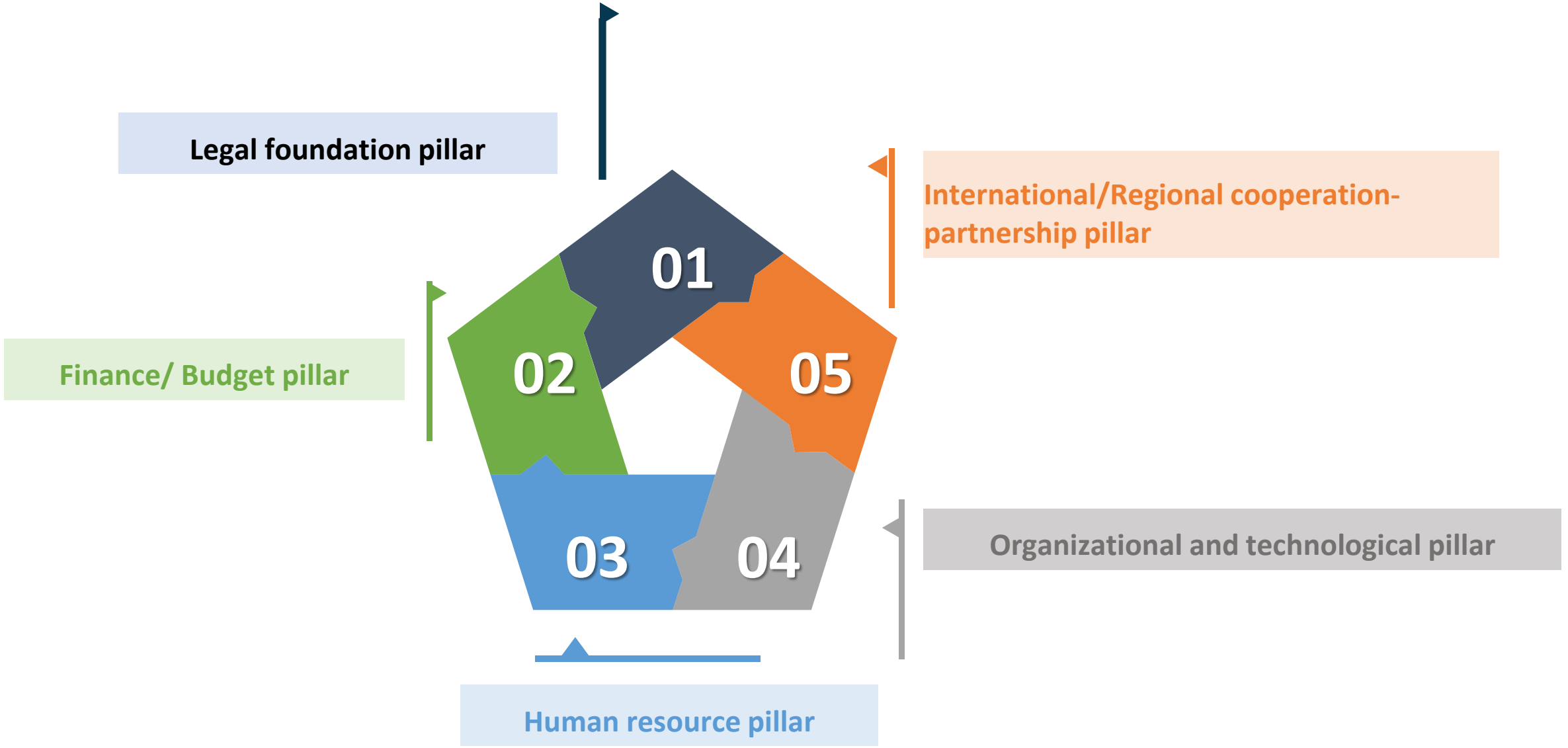
Three-phase Roles of DSC SD (Acceleration Phase)

ESCAP
MOVING FORWARD TOGETHER

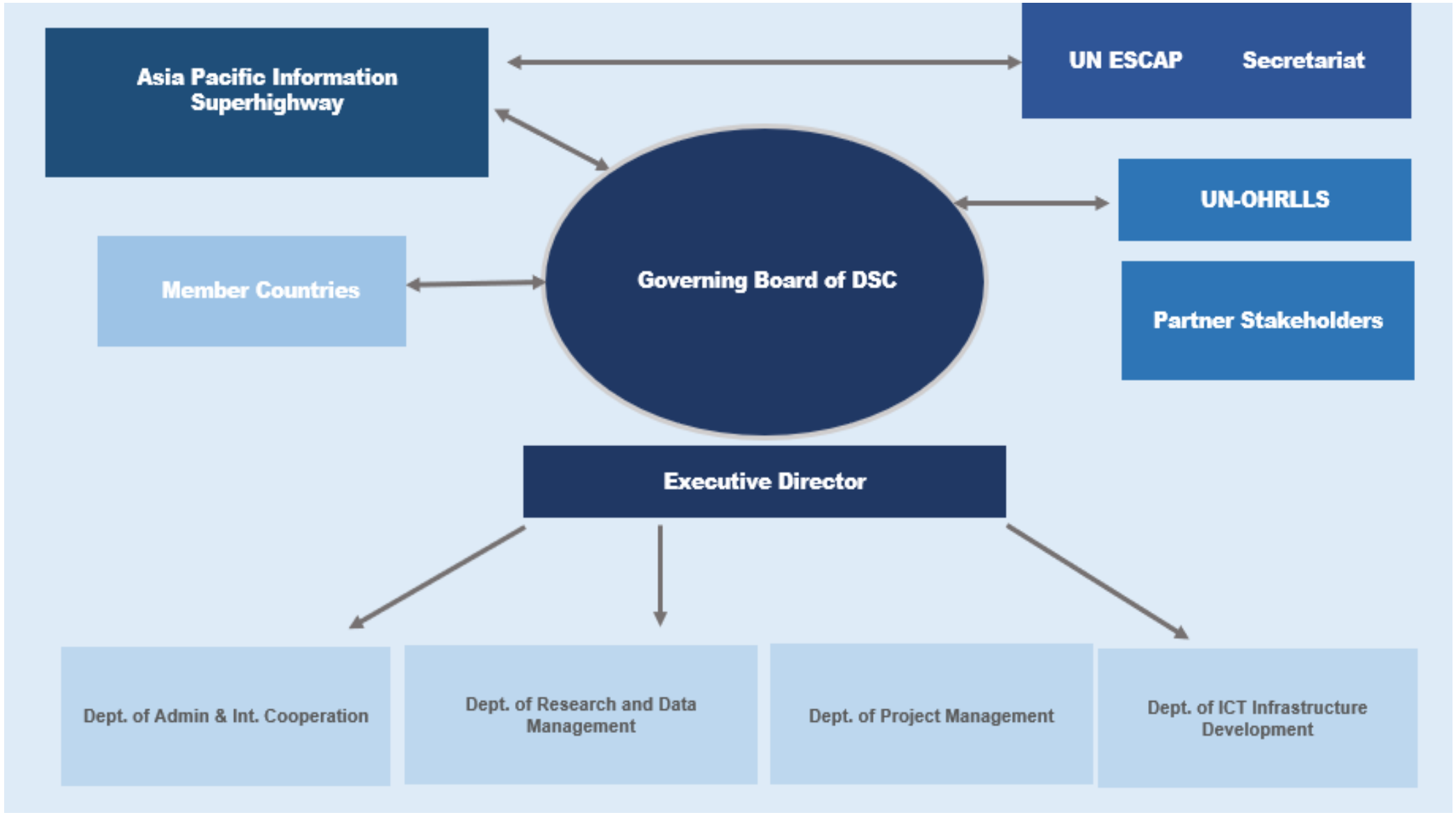
3. Actions at Acceleration Phase

- Enhance research and investment in new emerging technology, in particular next generation Internet (6G and spatial Internet network), AI, IOT, metaverse.
- Support local digital content and creativity for fostering digital culture/ecosystem.
- Promote digital platform economy which includes digital currency, digital payment system, digital ID, digital SMEs platforms, distribution and delivery systems, build stable and reliable supply chains.
- Build and operate national level and cloud-based data centers.

Framework for Building DSC SD



Proposed Governing Structure of DSC SD



THANK YOU!

IDD / ESCAP