APCICT
Asian and Pacific Training Centre for Information and Communication Technology for Development

ESCAP

17 JULY, 2025 BANGKOK

AREAS AND COOPERATION OPPORTUNITIES BETWEEN EAEU AND ASEAN IN DIGITAL TRANSFORMATION

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DIGITAL TRANSFORMATION

is a strategic imperative
for economic resilience,
competitiveness,
and sustainable development

Importance of Digitalization for EAEU and ASEAN

800 million people

15% of global GDP

E-Commerce (2024)



$120B $145.2B

Digital Economy (2023)



$220B $218B

Investments ICT (2023)



$24.4B $104,2B

Internet Penetration (2025)



86.7% 75.6%

Bridging priorities of EAEU and ASEAN digital transformation strategies



Cross-Border Digital Trade/ E-Commerce



Digital Infrastructure



E-Government/ E-Services



Cybersecurity



Digital Workforce



Regulatory Harmonization

ASEAN's Digital Masterplan 2025 and EAEU's Digital Agenda 2025

ASEAN

Digital ID (SingPass)
- 4.3M users

AI-driven rice yield prediction (Vietnam)
- 30% waste reduction in rice farming

Smart Fisheries (Indonesia)
- $28B aquaculture industry protecting



EAEU

Digital Transport Corridors
- CO_2-savings via optimize routes

Precision Farming
- Satellite-guided (EEC Rec. №8, 2022)

Russia "Cognitive Agro Pilot"
- -20% resource waste

Common Digital Challenges

DIGITAL INEQUALITY

EAEU: 15% gap in digital skills
ASEAN: 22% rural population lacks internet

INFRASTRUCTURE GAPS

EAEU: Siberia/Far East lacks 5G coverage
ASEAN: Submarine cable capacity lags demand by 40%

E-GOVERNMENT ASSYMETRY

EAEU: Russia(87% e-gov adoption) vs. Kyrgyzstan(48%)
ASEAN: Singapore(95%) vs. Cambodia(35%)

REGULATORY FRAGMENTATION

EAEU: Varying cloud computing regulations
ASEAN: Only 4/10 ratified Budapest Convention on Cybercrime

CYBERSECURITY THREATS

EAEU, ASEAN:
Primary Targets - Government institutions and SMEs
Main Consequence - Leakage of Confidential Information

Strengthening Digital Transformation Cooperation between EAEU and ASEAN

OBJECTIVES

Knowledge Platform
Creating a platform for exchanging digital policies

Assessment of Digital Maturity
Comparative analysis (trade, transport, infrastructure)

Sustainable Digital Transformation
Mainstreaming Gender and Environment into Digital Strategies

KEY ACTIVITIES

3 Policy Dialogues
Digital agendas, trade facilitation, climate-tech solutions

Comprehensive Study
Analysis of the role of digital transformation in economic/ sustainable development

EXPECTED OUTCOMES

Policy report
Analysis of initiatives, budgets, regulations; actionable recommendations

Joint Strategy
Framework for cross-border collaboration (e.g., data flows, smart infrastructure)

Enhanced Cooperation
Institutional capacity building and regional policy alignment

Priority Areas for EAEU–ASEAN Cooperation

POST-2025 DIGITAL AGENDA

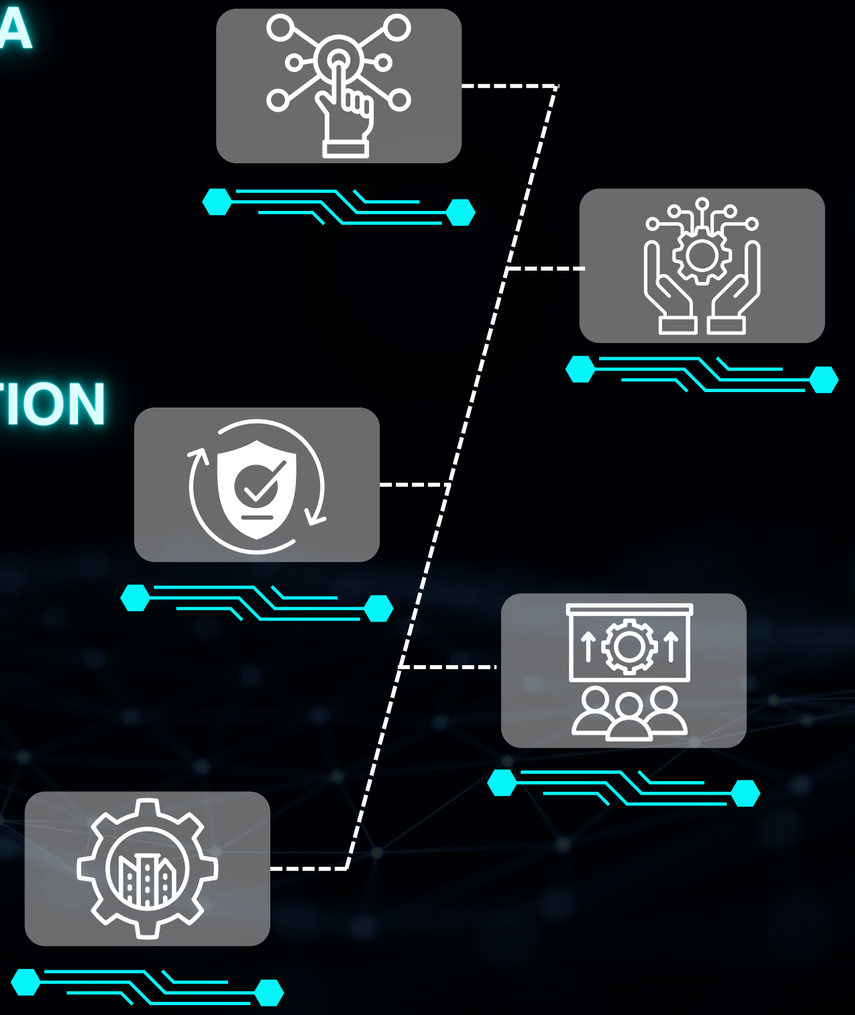
- Common challenges, risks, and priorities
- Linking to UN SDGs

REGULATORY HARMONIZATION

- Mutual recognition of e-signatures
- Common cybersecurity standards

JOINT INFRASTRUCTURE PROJECTS

- Digital Transport Corridors
- Regional Data Infrastructure



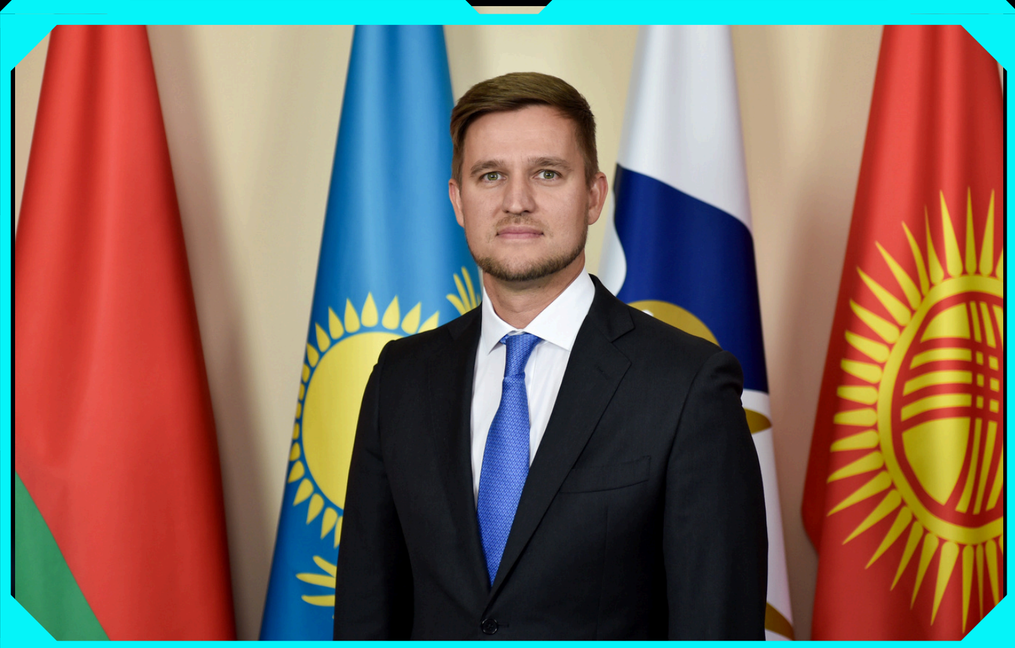
GREEN TECH & INNOVATION

- AI for Climate Resilience
- Universal Sustainability Unit (USU)

CAPACITY BUILDING

- Specialist exchange programs
- Startup accelerations

Thank You for Your Attention



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