

*Connecting countries
Driving progress
Improving lives*

SPECA WG on Innovation and Technology for Sustainable Development (ITSD)

2nd session
21 October 2021



Recent highlights from UNECE – SPECA WG on ITSD



UNECE



ADVANCE COPY

UNECE

Business incubators
for sustainable development
in the SPECA subregion



UNITED NATIONS

- Advance copy of UNECE Handbook on Business incubators for sustainable development in the SPECA subregion now available
 - Developed following study trip to Moscow “From ideas to applications: Sharing best practices on incubators, science parks and technology transfer”, October 2019
- Science, Technology and Innovation (STI) gap analyses of all 7 SPECA countries completed and discussed at a [webinar in November 2020](#). Will inform future priorities for cooperation under SPECA Innovation Strategy Action Plan
- Meetings of a Task Force on a Roadmap for the Development of the Innovation Ecosystem in Kyrgyzstan until 2025 took place [9 June 2021](#) and [8 Sept. 2021](#), with UNDA support

Recent highlights from UNECE – SPECA WG on ITSD



UNECE



- As follow up to the STI gap analyses, a discussion paper [Towards industrial policies to support technology upgrading for sustainable development in Central Asia](#)
 - Together with [STI gap analyses](#) and other UNECE normative work formed basis for background paper [Towards Technological Transformation of the SPECA countries](#): The Innovation Imperative for Sustainable Development
 - Future work planned on publication on ***New approaches to innovation policy for transition***
- Development of [draft Action Plan of SPECA Innovation Strategy for Sustainable Development](#)
 - For discussion at 2nd session of SPECA WG on ITSD ahead of submission to 2021 session of the SPECA Governing Council, Tashkent, 19 November 2021

ESCAP Web-Toolkit for Integrated Planning of Infrastructure Corridors



UNECE



- Training Workshop Series "ESCAP Web-Toolkit for Integrated Planning of Infrastructure Corridors ", for policymakers in Kazakhstan and Kyrgyzstan, 17 and 21 May 2021
 - online training workshop series support active use of these products and tools by the ESCAP member States. **Two web-based toolkits** on integrated development of co-infrastructures, comprising ICT, energy, and transport
 - ***Simulator of Integrated Infrastructure Corridors***, and Study.
 - A Simulation tool to determine most appropriate model for development of new Integrated Infrastructure Corridors. Aim to identify and develop infrastructure corridors for co-deployment of ICT-Energy- Transport infrastructures and multi-stakeholder partnerships.

ESCAP Web-Toolkit for Integrated Planning of Infrastructure Corridors



UNECE



- Training Workshop Series "ESCAP Web-Toolkit for Integrated Planning of Infrastructure Corridors ", for policymakers in Kazakhstan and Kyrgyzstan, 17 and 21 May 2021
 - ***The Partnership Portal on Co-deployment*** to support ICT infrastructure co-deployment with road transport and energy infrastructure: <https://co-deployment.online>
 - Web portal, as an information platform, helps developers and owners of ICT, road and energy infrastructure and other stakeholders to: (1) register new infrastructure facilities and find other compatible infrastructure development projects that can be connected to various types of ICT and other infrastructure co-deployment; (2) make an assessment of technical compatibility and cost-effectiveness of co-deployment of infrastructure facilities; (3) promote partnerships and cooperation on co- deployment of ICT and other infrastructure; and (4) web-based tool in the portal will also host the knowledge base on co-deployment of infrastructure.

ESCAP Web-Toolkit for Integrated Planning of Infrastructure Corridors



UNECE



- National workshops with government officials and experts from Kazakhstan and Kyrgyzstan. Participants of the workshops - representatives from ministries, government agencies, public and private authorities, operators and nominated structures, engaged in the following areas:
 - ICT and telecommunication infrastructure connectivity
 - Road and railway transport connectivity
 - Electric power, oil/gas pipeline connectivity.
- Secretariat completed a few knowledge products on Infrastructure Corridor Series in two languages, namely on Part 1: In-depth Analysis of the Three Promising Infrastructure Corridors, Part 1: Science, Technology and Innovation (STI) gap assessment of the SPECA countries; Part 2 on the Toolkit; and Part 3 on the Calculation Results for the 3 for the most appropriate models of a corridor

ESCAP: E-resilience Monitoring Dashboard for Pandemic Recovery



UNECE



- As follow up to the expert group meeting “[Digital connectivity and e-resilience for crisis preparedness \(virtual meeting\)](#)”, 10 November 2020, ESCAP secretariat developed an [E-resilience Monitoring Dashboard | ICT & DRR Gateway](#). Online monitoring tool to take the e-resilience readiness status to: (a) the next level, (b) ensure the evidence-based foresight planning in SPECA countries at national level, and (c) support regional cooperation towards digital transformation. Four important inter-dependent areas of e-resilience monitoring dashboard would illustrate ICT indicators performance at national level within specific economic groups. Four pillars (ESCAP, 2020):
 1. “ICT policy in different sectors”: foundation for e-resilience modelling,
 2. “ICT’s role in setting up new systems and applications” is essential for an e-adaption and recovering from the pandemic,
 3. “ICT’s role in data management” (data gathering, big data and decision making) leads into actions and policies for disaster resilience/ adaptability,
 4. “ICT infrastructure resilience” serves as physical foundation for above.

Programme of Work Oct. 2021 - Dec. 2023



UNECE



Area of Activity	Lead Executive Agency	Timeframe
Capacity-building on policy options and practical instruments to promote knowledge-based development	UNECE	October 2021-December 2023
Implementation of the UNECE project on Innovation for Sustainable Development Reviews of selected countries	UNECE	October 2021-December 2023
Support to SPECA countries to foster innovation to deliver the SDGs	UNECE	October 2021-December 2023

Programme of Work Oct. 2021 - Dec. 2023



Area of Activity	Lead Executive Agency	Timeframe
Implementation of ESCAP activities in support to the Asia-Pacific Information Superhighway action plan 2022-2026	ESCAP	October 2021-December 2023
Enhancing national capacities to use ICT for socio-economic development and on e-resilience	ESCAP	October 2021-December 2023
Capacity development on the utilization of ICT and GIS for disaster risk reduction	ESCAP	October 2021-December 2023
Strengthen institutional capacity on integrating geospatial and statistical data, with a focus on drought monitoring and land accounts in Central Asia	ESCAP	October 2021-December 2023

Contact points



UNECE

In case of questions, UNECE and ESCAP contact points:

Ms. Aida Karazhanova, Economic Affairs Officer, ICT and Development Section,
ICT and Disaster Risk Reduction Division

Mr. Christopher Athey, Economic Affairs Officer, Innovative Policies
Development Section, UNECE

Thank you for your attention!