

Expert Group Meeting on Harnessing Innovative Technologies to Advance Green Transformation for Sustainable Development in North and Central Asia

26-27 March 2024

UN Plaza, 303 Baizakov Street, Almaty, Kazakhstan and Online

Programme & Session Overview

*Time zone by Astana Time (GMT+5)

Time	Sessions
Day 1, 26th March 2024	
08:30 – 09:00	Registration
09:00 – 09:20	Opening session <ul style="list-style-type: none"> • Opening Remarks by Mr. Nikolay Pomoshchnikov, Head, Subregional Office for North and Central Asia, ESCAP • Keynote Statement by H.E. Mr. Askar Zhambakin, Vice-Minister, Ministry of Digital Development, Innovations and Aerospace Industry, Kazakhstan
09:20 – 09:40	Group Photo
09:40 – 10:40	Session 1: The Role of Science, Technology, and Innovation in Addressing Development Challenges in North and Central Asia Part I Moderator: Mr. Nikolay Pomoshchnikov, Head, Subregional Office for North and Central Asia, ESCAP Speakers: <ul style="list-style-type: none"> • Presentation “A Productivity Push, Digitalization, and a New Wave of (Green) Electrification for the CAREC Region”, Mr. Hans Holzhaecker, Chief Economist, Central Asia Regional Economic Cooperation (CAREC) Institute • Presentation “Unleashing North and Central Asia’s Innovation Potential for Sustainable Development”, Ms. Michiko Enomoto, Deputy Head, Subregional Office for North and Central Asia, ESCAP • Presentation, “The Role of Science, Technology and Innovation in Solving Development Problems in Uzbekistan”, Mr. Farkhod Djumaev, Director General of National Office of Innovations, Uzbekistan Q&A Session
10:40 – 11:10	Coffee Break
11:10 – 12:10	<ul style="list-style-type: none"> • Presentation, Mr. Sanat Zholdykhan, Chairman of the Board, JSC National Agency for Innovation Development “QazInnovation”, Kazakhstan • Presentation “Georgia’s Innovation and Technology Agency”, Ms. Ani Vashakmadze, Head of International and Donor Relations Department, Georgian Innovation and Technology Agency • Presentation, “Innovative Activities of KyrgyzPatent: Innovations Change the World for the Better” Mr. Aidar Alymbekov, Director of State Institution “Innovation Centre” under the State Agency of Intellectual Property and Innovation, the Kyrgyz Republic “Kyrgyzpatent” Q&A Session
12:10 – 13:10	Networking Lunch
13:10 – 14:00	Part II Moderator: Mr. Hans Holzhaecker, Chief Economist, CAREC Institute

	<p>Speakers:</p> <ul style="list-style-type: none"> • Presentation “Role of business angel in building innovation ecosystem for green transformation”, Mr. Janne Jormalainen, President, European Business Angel Network • Presentation “The role of Business Incubators in Supporting Sustainable Development in North and Central Asia”, Ms. Ekaterina Guznova, Policy Analyst, Innovative Policies Development Section, Economic Cooperation and Trade Division, UNECE <p>Q&A Session</p>
14:00 – 15:00	<p>Session 2: Fostering Digitalization and Emerging Technologies in North and Central Asia</p> <p>Part I</p> <p>Moderator: Ms. Michiko Enomoto, Deputy Head, Subregional Office for North and Central Asia, ESCAP</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Presentation, “Leveraging ICT for Climate Action in North and Central Asia”, Ms. Aida Karazhanova, Economic Affairs Officer, Information and Communications Technology and Disaster Risk Reduction Division, ESCAP • Presentation, “Digital Transformation in Russia”, Mr. Timofei Shtakhov, Attache, Ministry of Foreign Affairs, Russian Federation • Presentation, “Central Asia as a Digital Hub: From Connectivity to AI”, Mr. Andrew Beklemishev, Vice President for CIS Region, International Data Corporation, Kazakhstan <p>Q&A Session</p>
15:00 – 15:30	<p>Coffee break</p>
15:30 – 16:15	<ul style="list-style-type: none"> • Presentation, “Digitalization and Emerging Technologies in Kazakhstan”, Mr. Talgat Amanbayev, Chief Innovation Officer, Astana International Financial Centre, Kazakhstan • Presentation, Mr. Mariam Torosyan, Chief Specialist, Digitalization Department, Ministry of High-Tech Industry, Armenia <p>Q&A Session</p>
16:15 – 17:15	<p>Part II</p> <p>Moderator: Ms. Ani Vashakmadze, Head of International and Donor Relations Department, Georgian Innovation and Technology Agency</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Presentation “Digital Azerbaijan: Transformation Through Innovation”, Mr. Igor Ovcharenko, Chief Innovation Officer of the Innovation and Digital Development Agency of Azerbaijan • Presentation on “Generative AI and Jobs: A Global Analysis of Potential Effects on Job Quantity and Quality”, Mr. Pawel Gmyrek, Senior Researcher, International Labour Organization • Presentation “Regional Information System of ICWC: Achievements and Challenges for the Future”, Ms. Dinara Ziganshina, Director, Scientific Information Center of Interstate Commission for Water Coordination in Central Asia, Uzbekistan <p>Q&A Session</p>

Day 2, 27th March 2024	
09:00 – 09:15	Presentation “How to Transform Government Services with Artificial Intelligence” , Mr. Karl Mehta, Chairman, Mehta Trust, United States
09:15 – 10:30	<p>Session 3: Emerging Technologies to Advance Green Transformation of Transport Sector in North and Central Asia</p> <p>Part I</p> <p>Moderator: Mr. Fedor Kormilitsyn, Economic Affairs Officer, Transport Division, ESCAP</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Presentation, “Development of Green Transformation of Maritime Transport in Turkmenistan”, Mr. Rovshen Burkazov, Chief Specialist, Agency of Transport and Communications, Turkmenistan • Presentation, “Overview of ESCAP’s Initiatives and Activities on Greening the Transport Sector”, Mr. Fedor Kormilitsyn, Economic Affairs Officer, Transport Division, ESCAP • Presentation, “Asian Development Bank and Emerging Technologies for Green Transport”, Mr. Lloyd Wright, Senior Urban Development Specialist, Asian Development Bank • Presentation “Global Standardization for Green ITS and Mobility”, Mr. YoungJun Moon, Korea Advanced Institute of Science & Technology <p>Q&A Session</p>
10:30 – 11:00	Coffee break
11:00 – 12:00	<p>Part II</p> <p>Moderator: Mr. Fedor Kormilitsyn, Economic Affairs Officer, Transport Division, ESCAP</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Presentation, “The Role of eTIR in Digital and Green Transition of Transport”, Mr. Vadim Zakharenko, General Delegate to Eurasia, International Road Transport Union (IRU) Moscow • Presentation, Mr. Zeinolla Kalymbetov, Program Officer of Transport and Communications, Economic Cooperation Organization • Presentation “Transport Digitalization Initiatives within the framework of TRACECA”, Mr. Goran Andreev, Border Crossing Expert, Permanent Secretariat of Intergovernmental Commission TRACECA <p>Q&A Session</p>
12:00 – 13:15	Networking Lunch
13:15 – 14:30	<p>Session 4: Leveraging Innovation and Technologies for Sustainable and Climate-Smart Agriculture in North and Central Asia</p> <p>Part I</p> <p>Moderator: Ms. Barbara Janusz-Pawletta, Vice-President for International Cooperation, Kazakh-German University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Presentation, “Modern Water and Energy Saving Technologies Adoption in Central Asia”, Mr. Sergey Stefanov, Commercial Director CIS & Turkey, Valley Irrigation, Valmont • Presentation, “Challenges and Solutions for Innovative Agricultural Technologies in North and Central Asia” Mr. Shenggen Fan, Dean of

	<p>Academy of Global Food Economics and Policy, China Agricultural University</p> <ul style="list-style-type: none"> • Presentation, “Leveraging Innovation and Technologies for Sustainable and Climate-Smart Agriculture in North and Central Asia”, Mr. Dmitry Kalinin, Project Manager, Climate Change and Food Security, Global Challenges Division, World Intellectual Property Organization • Presentation, “Leveraging Mechanization-Based Innovation and Technologies for Sustainable and Climate-Smart Agriculture in North and Central Asia”, Mr. Qiang Li, National Programme Officer, Centre for Sustainable Agriculture Mechanization, ESCAP <p>Q&A Session</p>
14:30 – 15:00	Coffee break
15:00 – 16:00	<p>Part II</p> <p>Moderator: Ms. Barbara Janusz-Pawletta, Vice-President for International Cooperation, Kazakh-German University</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Presentation, “Renewable Energy and Agriculture”, Mr. Amrullo Rahmonov, Head of the Department of Energy Development, Energy Saving and State Regulation of Tariffs, Ministry of Economic Development and Trade, Tajikistan • Presentation “Accelerating the Green Transformation in the Agri-Food System”, Ms. Tania Santivanez, Agricultural Officer, Food and Agriculture Organization • Presentation, “CGIAR Efforts to Accelerate Climate Resilience in the Global Drylands with Digital Augmentation”, Mr. Ajit Govind, Senior Climate Scientist and Systems Modeler / Lead for Digital Actions, International Center for Agricultural Research in the Dry Areas, Egypt <p>Q&A Session</p>
16:00 – 16:15	Evaluation Questionnaires
16:15 – 16:30	Closing Remarks by Ms. Michiko Enomoto , Deputy Head, Subregional Office for North and Central Asia, ESCAP