

Green Finance Summer Academy 2026

Theme: *Climate-resilient Transport and Connectivity*

September 28-30, 2026

Venue: The Kazakh-German University in Almaty, Kazakhstan

Organized by: *The Kazakh-German University in Almaty, Kazakhstan (DKU) and the Organisation for Economic Co-operation and Development (OECD)*

Supported by: *Federal Ministry for the Environment, Climate Action, Nature Conservation and Nuclear Safety (BMUKN) of the Federal Republic of Germany and the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)*

On behalf of:



Federal Ministry
for the Environment, Climate Action,
Nature Conservation and Nuclear Safety

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Context

Central Asia is increasingly exposed to the impacts of climate change and these hazards pose growing risks to transport, energy and other critical infrastructure systems that underpin economic development and regional connectivity. At the same time, strategic transport corridors such as the Trans-Caspian Transport Corridor (TCTC), alongside investments in energy and logistics networks gain importance. that support regional integration and economic growth. Ensuring that these investments are resilient to current and future climate risks is essential to avoid costly disruptions, protect public and private assets, and support sustainable economic growth.

While governments are strengthening climate policies and adaptation policies, important challenges remain in integrating climate resilience into infrastructure planning, investment and financing decisions. These include limited use of climate risk assessments, data and methodological gaps, insufficient project preparation capacity, low bankability of adaptation investments, fragmented institutional coordination, and difficulties in mobilising private finance for adaptation investments. Addressing these challenges requires enabling policy and regulatory frameworks, improved project preparation and appraisal, and financing approaches capable of mobilising public, private and international capital. Given the importance of regional connectivity and the transboundary nature of climate risks, enhanced regional cooperation and knowledge exchange will be critical to strengthening infrastructure resilience across Central Asia.

Objectives and expected outcomes

The Green Finance Summer Academy aims to strengthen the capacity of policymakers and practitioners to integrate climate resilience into infrastructure planning, investment and financing decisions across Central Asia. Specifically, the Academy will:

- Build a common understanding of climate risks and their implications for transport infrastructure, regional connectivity and economic development in Central Asia.
- Strengthen participants' knowledge of policies, planning approaches and analytical tools that support climate-resilient infrastructure investment, including climate risk assessment, adaptation planning, economic appraisal and project prioritisation.
- Facilitate the exchange of international good practices and regional experience on enabling policy frameworks, project preparation, climate risk management and financing mechanisms for climate-resilient infrastructure.
- Identify practical actions and capacity-building priorities to strengthen the enabling environment for investment and mobilise public, private and international finance for climate-resilient infrastructure projects.

By the end of the Summer Academy, participants will have gained a better understanding of how climate resilience can be integrated throughout the infrastructure investment cycle, from strategic planning and project preparation to financing and implementation, and will have expanded their regional networks for future collaboration.

Target audience

The Academy will bring together policymakers and technical experts from Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan and Uzbekistan working on infrastructure planning, transport, finance, climate policy and investment. Participants will include representatives of ministries responsible for transport, finance, economic development, environment and energy, as well as infrastructure agencies, public investment institutions, financial institutions, development partners, academia, research organisations and the private sector.

Practical information

The Academy will be delivered over three days and combine expert presentations, country case studies, moderated panel discussions and interactive workshops. Simultaneous interpretation in English and Russian will be available throughout the event.

Day 1 – September 28 – Building the foundations for climate-resilient infrastructure

Day 1 sets the scene for the Academy by exploring regional climate resilience priorities, transport and energy connectivity, and key cross-cutting issues for infrastructure investment.

Moderator: Prof. Dr. Hasan Alkas, Rhein-Waal University

Almaty Time	Topics
9:00 – 9:30	Welcoming of participants
9:30 – 10:30	Opening session and introduction

	Welcome speeches • H.E. Zhanibek Abdrashov, Ambassador at Large, Head of the Representative Office, Ministry of Foreign Affairs of Kazakhstan in Almaty (5 min) • Mr Matthias Kiesler, Consul General, Federal Republic of Germany in Kazakhstan (5 min) • Dr Wolrad Rommel, President, DKU (online) (5 min) • Ms Peline Atamer, Head of Unit, Sustainable Infrastructure and Green Growth in Eurasia, OECD Global Relations (5 min) Roundtable of introductions of participants (40 min)
10:30 – 10:50	Presentation of the Green Finance Summer Academy • Ms Peline Atamer, Head of Unit, Sustainable Infrastructure and Green Growth in Eurasia, OECD Global Relations (10 min) • Dr Assem Abdunurova, Dean and Associate Professor, Faculty of Economics and Entrepreneurship, DKU (10 min)
10:50 – 11:15	<i>Coffee break</i>
11:15 – 12:15	Roundtable discussion: Climate challenges and resilience priorities for infrastructure in Central Asia This opening roundtable will provide participants with an opportunity to exchange perspectives on the key climate resilience challenges affecting infrastructure development across Central Asia. Following an introductory presentation, country representatives will discuss national priorities, ongoing policy initiatives and common implementation challenges. The discussion will identify themes that will be explored throughout the Academy. • Dr Yuliya Yefremova, Deputy Director, Centre for Natural Resources and Sustainable Development, DKU (15 min) • Roundtable discussion: National priorities, ongoing policy initiatives and implementation challenges (45 min)
12:15 – 13:15	<i>Lunch break</i>
13:15 – 14:30	Building climate resilience in the transport sector As climate change intensifies pressures on transport systems, governments and infrastructure operators are seeking effective ways to enhance resilience across transport networks. This session will examine policy frameworks and practical approaches to climate-resilient transport planning and infrastructure development, combining international perspectives, country experiences and project case studies. The discussion will highlight common challenges, lessons learned and opportunities for strengthening the climate-resilience of transport infrastructure in Central Asia. • Ms Mikaela Rambali, Policy Analyst, Climate, Biodiversity and Water, OECD Environment Directorate (10 min)

	• Mr Yaroslav Kholodov, Policy Analyst and Transport Modeller, International Transport Forum (online) (10 min) • Mr Dilovarsho Dustzoda, Advisor to the Executive Director and Lead Program Manager, Regional Environmental Center for Central Asia (10 min) • Ms Gulshat Dauyeshova, Ministry of Transport of the Republic of Kazakhstan (5 min) • Mr Sumiyadorj Sandavdorj, Ulaanbaatar Railway JVC (5 min) • Moderated discussion (35 min)
14:30 – 15:00	<i>Coffee Break</i>
15:00 – 16:15	Strengthening sustainable and climate-resilient transport-energy connectivity Transport and energy systems are closely interconnected and increasingly exposed to climate-related risks. This session will explore how countries are strengthening energy systems and cross-border connectivity while pursuing broader resilience and sustainability objectives. Drawing on experiences from Central Asia and Türkiye, participants will discuss policy reforms, regional cooperation initiatives and infrastructure investment approaches that support resilient and reliable infrastructure networks including new energy routes. • Mr Alexey Kobzev, Master's Program Coordinator, Green Energy and Climate Lab Coordinator, DKU (10 min) • Mr Murat Kaan Kavruk, Head of the Department of Security of Supply of Hydrocarbon, Ministry of Energy and Natural Resources of the Republic of Türkiye (10 min) • Ms Malika Davlatzoda, Head of the Green Economy Development Division, Ministry of Economic Development and Trade of the Republic of Tajikistan (5 min) • Ms Aliia Termechikova, Transportation Policy Management Specialist, Ministry of Transport and Communications of the Kyrgyz Republic (5 min) • Moderated discussion (45 min)
16:15 – 17:00	Integrating gender considerations into climate-resilient infrastructure Integrating gender considerations into infrastructure planning can help improve the effectiveness, inclusiveness and sustainability of investment decisions. This session will examine the gender dimensions of climate-resilient infrastructure and transport systems, highlighting practical approaches for incorporating gender perspectives into policies, planning processes and project design. Participants will discuss opportunities and challenges for advancing more inclusive and resilient infrastructure development. • Mr Kern Fastrup, Policy Analyst, Finance, Investment and Global Relations, OECD Environment Directorate (10 min) • Ms Akmaral Sman, International Gender and Climate Expert, IFIs and UN Agencies (10 min)

	• Mr Makhsun Makhsunov, Project Co-ordinator, Project Implementation Center, Ministry of Transport of the Republic of Tajikistan (5 min) • Moderated discussion (20 min)
17:00 – 17:15	Closing remarks and overview of Day 1

Day 2 – September 29 – Planning, assessing and prioritising climate-resilient infrastructure investments

Day 2 focuses on approaches and tools for planning and prioritising climate-resilient infrastructure investments, including climate risk assessment, modelling, and investment appraisal.

Moderator: Ms Peline Atamer, Head of Unit, Sustainable Infrastructure and Green Growth in Eurasia, OECD Global Relations

Almaty Time	Topics
9:00 – 9:30	Welcoming of participants
9:30-10:30	Climate adaptation strategies for the transport sectors Climate adaptation is becoming an increasingly important component of transport policy as governments seek to prepare infrastructure systems for the impacts of climate change. This session will explore how adaptation strategies can help strengthen the resilience of transport networks while supporting broader economic development infrastructure planning objectives and their economic impact. Through international perspectives and country experiences, participants will examine how adaptation priorities can be integrated into transport policies, planning processes and investment decisions. The session will also provide an opportunity to discuss common challenges, lessons learned and practical approaches for advancing climate adaptation in the transport sector across Central Asia. • Ms Mikaela Rambali, Policy Analyst, Climate, Biodiversity and Water, OECD Environment Directorate (10 min) • Ms Malin Lind, Senior Specialist, Climate Adaptation, Swedish Transport Administration (10 min) • Mr Adkhamjon Tolakov, Chief Specialist, Public Transport Department, Ministry of Transport of the Republic of Uzbekistan (5 min) • Ms Zolzaya Lkhamsuren, Senior Specialist, Ministry of Economy and Development of Mongolia (5 min) • Moderated discussion (25 min)
10:30 – 11:00	Coffee & tea break
11:00-12:30	Assessing climate risks and infrastructure vulnerabilities along regional transport and energy corridors: lessons from the TCTC Climate change poses growing risks to critical transport and energy infrastructure, particularly along strategic regional corridors that support trade, connectivity and economic development. This session will examine approaches to identifying and assessing climate risks and infrastructure vulnerabilities, drawing on experiences

	from the Trans-Caspian Transport Corridor (TCTC) and Middle Corridor. Through expert insights and regional perspectives, participants will explore how risk assessments can inform infrastructure planning, investment prioritisation and resilience-building efforts. • Ms Mikaela Rambali, Policy Analyst, Climate, Biodiversity and Water, OECD Environment Directorate (10 min) • Ms Sadhana Nirandjan, Postdoctoral Researcher, Department of Water and Climate Risk (WCR), Vrije University of Amsterdam (10 min) • Mr Eduardo Espitia, Transport Specialist, World Bank (online) (10 min) • Ms Malin Lind, Senior Specialist, Climate Adaptation, Swedish Transport Administration (10 min) • Country Roundtable: National experiences with climate risks and infrastructure vulnerability assessment (50 min)
12:30-13:30	Lunch break
13:30-14:30	Using E3.kz model supporting climate-resilient infrastructure planning in Kazakhstan Robust analytical tools can help policymakers evaluate development pathways and inform infrastructure investment decisions under changing climate conditions. This session will introduce the E3.kz model and explore its application in supporting climate-resilient transport infrastructure planning in Kazakhstan. Participants will examine how modelling can help assess policy options, identify investment needs and support more integrated decision-making across infrastructure sectors. • Ms Dana Yermonyolok, Senior Advisor, GIZ (10 min) • Economic Research Institute (10 min) (online) • Q&A (40 min)
14:30-15:00	Coffee and tea break
15:00-17:00	Workshop: Making the investment case for climate-resilient infrastructure Climate-resilient infrastructure investments often generate benefits that are not fully captured in traditional project appraisal approaches. This interactive workshop will introduce participants to methodologies for assessing the broader economic, environmental, social and gender value of resilience investments, including sustainable asset valuation and integrated cost-benefit analysis (CBA). Through expert presentations and practical exercises, participants will explore how accounting for long-term climate risks, avoided losses and wider development benefits can strengthen the investment case for resilience and support more informed infrastructure planning and prioritisation decisions. • Dr Thomas Burkhardt, Professor, University of Koblenz (10 min) • Mr Kern Fastrup, Policy Analyst, Finance, Investment and Global Relations, OECD Environment Directorate (10 min) • Ms Janina Schnick, Lead, SUNCASA Project, International Institute for Sustainable Development (online) (10 min)

	• Dr Madina Junussova, Senior Research Fellow, Institute of Public Policy and Administration, University of Central Asia (1h 30 min)
17:00-17:15	Closing remarks and overview of Day 2

Day 3 – September 30 – Financing climate-resilient infrastructure: Policies, risk transfer mechanisms and investment solutions

Day 3 explores policies, risk management approaches and financing instruments for mobilising investment in climate-resilient infrastructure.

Moderator: Prof. Dr. Hasan Alkas, Rhein-Waal University

Almaty Time	Topics
9:00 – 9:30	Welcoming of participants
9.30 – 12:00	Creating an enabling environment for climate-resilient infrastructure investment Scaling up climate-resilient transport infrastructure investment requires an enabling, regulatory and institutional environment that supports investment, project preparation and implementation. This session will explore the reforms needed to strengthen the enabling environment for climate-resilient infrastructure investment. Following a series of framing presentations, participants will engage in an interactive breakout discussion to identify key barriers and priority actions for strengthening climate-resilient infrastructure planning and financing across Central Asia. • Ms Mikaela Rambali, Policy Analyst, Climate, Biodiversity and Water, OECD Environment Directorate (10 min) • Dr Arsen Tleppayev, Professor, Faculty of Economics and Entrepreneurship DKU (10 min) • Q&A (10 min) • Country Roundtable: What key policy, institutional and financial changes needed to accelerate climate-resilient infrastructure investment across Central Asia (2h) ○ Coffee break will be available throughout the session
12:00 – 13:00	<i>Lunch break</i>
13:00 – 14:00	Climate risks as investment risks: Managing and transferring climate risks in transport infrastructure investments Climate change is increasingly affecting the financial performance and long-term viability of transport infrastructure investments, making climate risk management an essential component of infrastructure finance. This session will examine climate risks through an investment lens and explore approaches for strengthening the resilience and bankability of transport infrastructure projects. Participants will explore how climate risks are reflected in project due diligence, financing decisions and investment conditions, as well as mechanisms that can

	help governments and project developers manage and transfer climate-related risks. Drawing on international experience and regional perspectives, the session will highlight practical approaches for strengthening climate-resilient transport investments across Central Asia. • Dr Thomas Burkhardt, Professor, University of Koblenz (10 min) • Mr Amund Beitnes, Investment Specialist, Asian Development Bank (10 min) • Mr Takayoshi Kato, Environmental Economist and Project Manager, Finance, Investment and Global Relations, OECD Environment Directorate (online) (10 min) • Moderated discussion (30 min)
14:00 – 14:30	<i>Coffee & tea break</i>
14:30 – 16:00	Financing instruments for climate-resilient infrastructure Mobilising finance for climate-resilient transport infrastructure requires financing solutions that reflect project characteristics, investment risks and the long-term nature of infrastructure assets. This session will explore how different financing instruments can support the development and implementation of climate-resilient transport infrastructure across Central Asia. Participants will examine the complementary roles of public finance, multilateral development banks, climate funds and private capital, and discuss how instruments such as concessional finance, blended finance, guarantees, green and resilience bonds, and public-private partnerships can help mobilise investment. Drawing on regional and international experience, the session will highlight practical approaches for scaling up finance for climate-resilient infrastructure across Central Asia. • Mr Kern Fastrup, Policy Analyst, Finance, Investment and Global Relations, OECD Environment Directorate (10 min) • Ms Nagima Ayubayeva, Deputy Chief Executive Officer, AIFC Green Finance Centre (10 min) • Ms Katherine Kartseva, Deputy Project Manager of the EBRD GEFF Program in Kazakhstan (10 min) • Mr Timur Dosmambetov, Deputy Chair, Green Finance Fund of the Kyrgyz Republic (5 min) • Roundtable discussion: Which financing instruments are best suited to scaling up climate-resilient transport infrastructure investments in Central Asia? (55 min)
16:00 – 16:45	Academy wrap-up and participant feedback for briefing notes
16:45 – 17:15	<i>Closing remarks and certificate ceremony</i>