



UNIVERSITY OF CENTRAL ASIA  
GRADUATE SCHOOL OF DEVELOPMENT  
Institute of Public Policy and Administration



## 2024 Summer School Programme 24-27 September, Academy of Public Administration, Astana, Kazakhstan

Regional Knowledge Network on Sustainable Infrastructure in Central Asia  
Under the IKI Project “Orientation of infrastructure investments on the Goals of the Paris Agreement and the 2030 Agenda in Central and Southeast Asia”

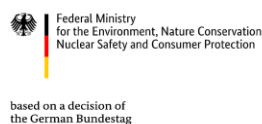
### Background

Over 60% of global greenhouse gas (GHG) emissions originate from current infrastructure systems. Infrastructure developed in the next few years will determine GHG emissions trajectories for decades. In the context of the global race to net-zero and associated challenges confronting policymakers, there is a unique opportunity to assist governments for aligning investments in energy, transportation, and industry not only with economic development in the short term but also with long-term climate goals. To do this, SIPA helps partner countries prioritize infrastructure investments that are consistent with long-term low-emission, resilient growth paths. It disseminates policy frameworks and best practices that allow for increased investment in low-emission infrastructure. In addition to the public sector, the Programme also engages with the private sector and financiers to promote responsible business practices as well as green, inclusive finance and investment principles, ultimately fostering capacity, knowledge development, better policymaking, peer learning and regional co-operation.

Well-developed infrastructure systems and the essential services they provide, such as access to energy and heating as well as industrial products and services, underpin economic growth, productivity, and well-being. Yet globally and regionally infrastructure has suffered from chronic underinvestment for decades. Developing and emerging countries in Asia are witnessing an unprecedented uptick in infrastructure investment, due to economic growth and strategic location along major trade routes. National planning authorities have a central role to play in setting strategic directions, plan and develop pipelines of infrastructure projects that contribute to building back better and ensure that green growth and climate goals are mainstreamed into the infrastructure investment cycle.

With financial support from the Government of Germany, the OECD **Sustainable Infrastructure Programme in Asia (SIPA)** aims to help Central and Southeast Asian countries ensure energy, transport, and industry infrastructure investments are aligned with low-emission development pathways compatible with the Paris Agreement and the Sustainable Development Goals. SIPA’s activities target all stages of infrastructure development, from planning and design to financing and delivery. While SIPA activities focus on six countries in

Supported by:



in Central and Southeast Asia, the Programmes also engages with all countries of both regions through dedicated regional policy dialogues and seminars.

## Objectives

The 2024 Summer School will gather a group of targeted policymakers from national development and planning authorities, and sectorial ministries and agencies from Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, and Uzbekistan as well as international experts on sustainable infrastructure (OECD, IISD, GIZ, UNDP, UNECE) to share policy experience and disseminate good practices and knowledge aligning investments in **energy and industrial systems with climate goals through enhanced planning, better sectoral policies and green and sustainable financial tools and approaches**.

## Target audience

25-30 policymakers from Ministries or Government Agencies responsible for national development and planning, particularly in the **decarbonization of energy and industry, and green finance** areas from Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan and Uzbekistan.

## Organizers

OECD – The Organisation for Economic Co-operation and Development is the overall coordinator of SIPA, which is implemented by a consortium of international and regional experts. Under SIPA, it will focus on decarbonizing energy and industry, green finance and responsible business conduct, and mainstreaming resilience into sustainable infrastructure planning.

UCA – The University of Central Asia will work on developing a regional knowledge network in Central Asia.

APA – Academy of Public Administration under the President of the Republic of Kazakhstan hosting the Third SIPA Summer School

## Contact information

- Kanat Tilekeyev, Senior Research Fellow, Institute of Public Policy and Administration, Head of Executive Education, GSD, UCA: [ippa@ucentralasia.org](mailto:ippa@ucentralasia.org)
- Peline Atamer, Senior Policy Analyst and Head of Unit, SIPA, OECD: [peline.atamer@oecd.org](mailto:peline.atamer@oecd.org)

## Day 1- September 24 -Decarbonising energy infrastructure in Central Asia: where do we stand?

Day 1 will be dedicated to setting the stage and engaging in a regional peer-to-peer exchange on the decarbonisation agenda of energy systems in Central Asia. The University of Central Asia (UCA) will present its background paper on region's energy decarbonisation efforts and invite participants to share their comments and views on the future of this agenda. The second part of the day will be devoted to an interactive session on Responsible Business Conduct (RBC) applied to infrastructure investments.

*Moderation: OECD, UCA*

Astana Time	Topics
10:00 – 10:30	<p><b>Welcome and introduction</b></p> <ul style="list-style-type: none"> <li>• Aizhan Bizhanova, First Vice Minister of Trade and Integration of Kazakhstan</li> <li>• Monika Iwersen, Ambassador of Germany to Kazakhstan</li> <li>• Yerlan Abil, Rector of the Academy of Public Administration</li> <li>• Peline Atamer, Senior Policy Analyst and Head of Unit, SIPA, OECD</li> <li>• Kanat Tilekeyev, Head of Executive Education, Senior Research Fellow, UCA</li> </ul>
10:30-11:15	<p><b>SIPA status update and objectives of the Summer School 2024</b></p> <ul style="list-style-type: none"> <li>• Peline Atamer, Senior Policy Analyst and Head of Unit, SIPA, OECD</li> <li>• Kanat Tilekeyev, Senior Research Fellow, UCA</li> <li>• Indira Urazova, IISD Policy Analyst</li> </ul>
11:15-11:45	<i>Coffee break</i>
11:45-12:45	<p><b>Roundtable discussion on Decarbonising energy infrastructure in Central Asia: where do we stand?</b></p> <ul style="list-style-type: none"> <li>• Setting the scene: Ablay Dosmaganbetov, Research Fellow, UCA</li> <li>• Nurzhan Kabdoldanov, Deputy Chair of Zhasyl Damu, Kazakhstan</li> <li>• Representatives of Central Asia</li> </ul> <p><i>Open discussion</i></p>
12:45-14:15	<i>Lunch break</i>
14:15-16:15	<p><b>Interactive session on Responsible Business Conduct</b></p> <p><i>This session will discuss how private businesses and SOEs can manage risks that infrastructure creates for people, planet and society, and how governments can enable these efforts.</i></p> <ul style="list-style-type: none"> <li>• Santhosh Persaud and Dylan van de Ven, Centre for Responsible Business Conduct, OECD</li> </ul>
16:15-16:45	<i>Coffee Break</i>

16:45-17:15	<b>Capacity Development Programs and Policy Activities in Central Asia on Sustainable Development and Climate Change</b> <ul style="list-style-type: none"> <li>• Kanat Tilekeyev, Head of Executive Education, UCA Presentation of UCA's programs and activities</li> </ul>
17:15-17:30	<b>Conclusion and overview of Day 1</b> <ul style="list-style-type: none"> <li>• University of Central Asia</li> </ul>

## Day 2- September 25 – Green Finance

During the second day of the SIPA Summer School, participants will learn about the current set of green finance strategies in both OECD and Central Asian countries, emerging trends and potential risks based on international perspectives. The OECD will present recent and upcoming work on green finance focused on capital market development and opportunities for green bond issuance in Central Asia as part of SIPA. The afternoon will be devoted to capacity-building on green financial systems and green bond issuance through a step-by-step approach.

Astana Time	Topics
9:30 – 9:45	<b>Welcoming of participants</b> <ul style="list-style-type: none"> <li>• UCA and OECD</li> </ul>
9:45-11:00	<b>Promoting the development of green finance for sustainable infrastructure in Central Asia: priorities and way forward</b> <ul style="list-style-type: none"> <li>• Douglas Herrick, Policy Analyst, SIPA, OECD</li> <li>• Takayoshi Kato, Nexus Programme Lead, OECD</li> <li>• Diyora Kabulova, Regional Policy Specialist and SDG Finance, UNDP (<i>online</i>)</li> <li>• Green finance experts from Central Asia (Summer School participants)</li> </ul>
11:00 – 11:30	<i>Coffee &amp; tea break</i>
11:30-12:30	<b>Policies for developing green bonds in Central Asia: regional experience</b> <i>The session will discuss supporting policies and regulatory conditions for the development of green bonds in Central Asia</i> <ul style="list-style-type: none"> <li>• Douglas Herrick, Policy Analyst, SIPA, OECD</li> </ul> <i>Open discussion</i>
12:30-14:00	<b>Lunch break</b>
14:00-16:00	<b>Green Finance Horizons – Practitioner's Approach for Policymakers in Central Asia</b> <ul style="list-style-type: none"> <li>• Madina Junussova, Senior Research Fellow, UCA</li> <li>• Group work and presentations and lessons learned</li> </ul>
16:00-16:30	<i>Coffee and tea break</i>
16:30-18:00	<b>Opportunities for and challenges of green bond issuance: a step-by-step approach</b> <ul style="list-style-type: none"> <li>• Overview: Douglas Herrick, Policy Analyst, SIPA, OECD <i>Pre-issuance</i></li> <li>• Types of thematic bonds and green bond framework development: <ul style="list-style-type: none"> <li>◦ Diyora Kabulova, Regional Policy Specialist on SDG Finance, UNDP (<i>online</i>)</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Delgerjargal Batsuuri, Project Manager, Mongolian Sustainable Finance Association</li> <li>● Second party opinion: <ul style="list-style-type: none"> <li>○ Assel Nurakhmetova, Director of the Carbon Platform Department, AIFC</li> </ul> </li> </ul> <p><i>Post-issuance</i></p> <ul style="list-style-type: none"> <li>● Project selection and portfolio management: <ul style="list-style-type: none"> <li>○ Irina Ivanova, Head of the Information Disclosure Department, Kyrgyz Stock Exchange JSC (<i>online</i>)</li> </ul> </li> <li>● Monitoring and reporting <ul style="list-style-type: none"> <li>○ Dina Zhanadil, Managing Director for Strategy, Finance, ESG and Big Data, DBK</li> </ul> </li> </ul>
18:00-18:15	<p><b>Conclusion and overview of Day 2</b></p> <ul style="list-style-type: none"> <li>● University of Central Asia</li> </ul>

### Day 3 – September 26, 2024– Decarbonisation of hard-to-abate industries in Central Asia

The third day will focus on low-carbon technologies for decarbonising infrastructure with a focus on renewable hydrogen. Discussions will delve into opportunities and challenges for supporting the development of these technologies through innovation and investment policies, as well as reforms in the effective carbon pricing framework for incentivising low-carbon and clean energy investments. Participants will also be offered to discuss the role of industrial sectors in meeting Central Asia’s NDC targets and share their views on challenges and opportunities such as the water-hydrogen nexus and the co-location of key infrastructure and economic activities (creation of “hubs”).

Astana Time	Topics
9:30 – 9:40	<p><b>Welcoming of participants</b></p> <ul style="list-style-type: none"> <li>● UCA and OECD</li> </ul>
9:40-10:00	<p><b>The SIPA framework for developing low-carbon technologies and industries in Central Asia</b></p> <ul style="list-style-type: none"> <li>● Peline Atamer, Senior Policy Analyst and Head of Unit, OECD</li> </ul>
10:00-11:00	<p><b>Low-carbon technologies for aligning hard-to-abate industries with NDC targets: the example of renewable hydrogen</b></p> <ul style="list-style-type: none"> <li>● Peline Atamer, Senior Policy Analyst and Head of Unit, OECD</li> <li>● Manuel Andresh, Hydrogen Diplomatic Office in Astana, GIZ</li> </ul> <p><i>Open discussion</i></p>
11:00-11:30	<i>Coffee &amp; tea break</i>
11:30-12:30	<p><b>Setting carbon pricing trajectories in Central Asia</b></p> <ul style="list-style-type: none"> <li>● <i>Explicit carbon pricing instruments</i>, Rodrigo Pizarro, Manager of the International Programme for Action on Climate, OECD (<i>online</i>)</li> <li>● <i>Reforming the national ETS system</i>, Botagoz Akhmetova, Director of the Emissions Trading System Department, Zhasyl Damu, Kazakhstan</li> <li>● <i>Inventory of fossil-fuel subsidies for Uzbekistan</i>, Yuliia Oharenko, IISD Associate (<i>online</i>)</li> </ul>

	<ul style="list-style-type: none"> <li>• <i>First Steps of Uzbekistan on Fossil-Fuel Subsidies Reform, Ministry of Economy and Finance of Uzbekistan (online)</i></li> </ul> <p><i>Open discussion</i></p>
12:30-14:30	<b>Lunch break</b>
14:30-16:00	<p><b>Workshop: priorities for the contribution of industrial sectors in meeting Central Asia’s NDC targets</b></p> <ul style="list-style-type: none"> <li>• <i>Moderated discussions in break-out groups</i></li> <li>• <i>Synthesis and conclusions</i></li> </ul>
16:00-16:30	<b>Coffee and tea break</b>
16:30-17:30	<p><b>Focus on the water – hydrogen nexus and the opportunity for the co-location of sustainable infrastructure</b></p> <ul style="list-style-type: none"> <li>• Peline Atamer, Senior Policy Analyst and Head of Unit, OECD</li> <li>• Takayoshi Kato, Nexus Programme Lead, OECD</li> <li>• Branko Milicevic, Economic Affairs Officer, UNECE (<i>online</i>)</li> </ul> <p><i>Open discussion</i></p>
17:30-17:45	<p><b>Conclusion and overview of Day 3</b></p> <ul style="list-style-type: none"> <li>• University of Central Asia</li> </ul>

#### Day 4 – September 27, 2024– IISD Regional Workshop on Fossil Fuel Subsidies

The last day of the Summer School will be devoted to the fossil fuel subsidies reform and its role in GHG emissions reduction and stimulating economic decarbonisation. IISD will present relevant studies and will showcase several best cases on the reform planning and implementation. The day will be concluded with the practical session. Participants will work in groups to examine reform cases of hypothetical countries and develop strategies and advice for respective governments.

The day will conclude with a closing ceremony during which participants will receive their SIPA Summer School certificates.

Astana Time	Topics
9:30 – 9:40	<p><b>Welcoming of participants</b></p> <ul style="list-style-type: none"> <li>• Kanat Tilekeyev, Senior Research Fellow, UCA</li> <li>• Jonas Kuehl, IISD Policy Advisor</li> </ul>
9:40-11:00	<p><b>Fossil Fuel Subsidies and Climate Change</b> <i>Moderated by: Anas Rahman, IISD Senior Policy Advisor</i></p> <ul style="list-style-type: none"> <li>• Introduction to fossil fuel subsidies reform, Indira Urazova, IISD Policy Analyst</li> <li>• International commitments and initiatives on fossil fuel subsidies reform, Jonas Kuehl, IISD Policy Advisor</li> <li>• Modelling the impact of the fossil fuel subsidies reform on the GHG emissions, Andrea Bassi, IISD Senior Associate (<i>online</i>)</li> <li>• Discussion</li> </ul>
11:00-11:30	<i>Coffee &amp; tea break</i>



<i>11:30-12:30</i>	<b>Fossil Fuel Subsidies Reform Planning and Implementation</b> <i>Moderated by:</i> Jonas Kuehl, IISD Policy Advisor <ul style="list-style-type: none"><li>• Comprehensive approach to fossil fuel subsidies reform, Richard Bridle, IISD Senior Policy Advisor (<i>online</i>)</li><li>• Pro-poor fossil fuel subsidy reform: case studies and lessons for Central Asia, Anas Rahman, IISD Senior Policy Advisor</li><li>• Discussion</li></ul>
<i>12:30-14:00</i>	<b><i>Lunch break</i></b>
<i>14:00-15:30</i>	<b>Practical session on the fossil fuel subsidies reform planning and implementation</b> lead by Jonas Kuehl, IISD Policy Advisor and Anas Rahman, IISD Senior Policy Advisor
<i>15:30-16:00</i>	Concluding remarks & awarding ceremony UCA and OECD