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2023 Summer School Programme 3-5 October 2023, OECD Istanbul Centre, Türkiye

Regional Knowledge Networks on Sustainable Infrastructure in Central Asia and Southeast 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

Infrastructure is essential for economic development but accounts for about 60% of GHG emissions globally. Given the long lifespan of infrastructure assets, the investment decisions made today could lock countries into carbon-intensive development pathways for years to come. As countries design recovery plans to address the impacts of the current crisis, there is a once-in-a-generation opportunity to build back better and tackle the triple challenge of closing the infrastructure investment gap, stimulating a sustainable economic recovery while progressing towards long-term climate and development goals.

Well-developed infrastructure systems and the essential services they provide, such as mobility and electricity, underpin economic growth, productivity, and well-being. Yet globally, 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 their strategic location along major trade routes. National planning authorities have a central role to play in setting strategic directions, planning and developing pipelines of infrastructure projects that contribute to building back better and making sure 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. Its activities mainly involve six countries in Asia, including countries in Central and Southeast Asia. Meanwhile, SIPA also engages with other countries in Central and Southeast Asia through regional policy dialogues and seminars.

Objectives

The 2023 Summer School will gather a group of selected policymakers from national development and planning authorities and sectorial ministries and agencies from Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, and Uzbekistan, as well as SIPA implementation partners and other international experts on sustainable infrastructure to share policy experience and disseminate good practices and knowledge in tackling challenges regarding **sustainable transport infrastructure planning and financing** in the context of climate and development objectives.

During two days and a half, participants will have the opportunity to exchange on their national sustainable transport agendas, learn about new approaches such as systemic thinking, attend presentations of SIPA

infrastructure plan and project studies and assessments, and participate in workshops where they will be walked through methodological frameworks and tools for transport infrastructure decarbonisation.

Target audience

20-30 policymakers from Ministries or Government Agencies responsible for national development and planning, particularly in the **decarbonisation of transport and energy** from Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Uzbekistan and Turkmenistan.

Organisers

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 decarbonising 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.

Contact information

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Programme

Day 1 – Decarbonising transport infrastructure in Central Asia: state-of-play and way forward

Day 1 will be dedicated to setting the stage and engaging in a regional peer-to-peer exchange on the decarbonisation agenda of transport systems in Central Asia. As infrastructure in the region is being developed, enhancing connectivity, promoting integration into regional and global value chains and offering enabling further trade opportunities, there is a need to ensure that these infrastructures meet international sustainability standards. Participants will hear about the main opportunities and challenges facing the region for decarbonising its transport infrastructure and will be invited to share their countries' experience. They will learn about OECD standards and good practices for strategically planning sustainable transport infrastructure.

Moderation: OECD

Istanbul Time	Topics
14:00 – 14:15	<p>Welcoming of participants</p> <ul style="list-style-type: none"> • Achraf Bouali, Head of the Istanbul Center, OECD • Mr. Aziz Aksu, Deputy Director for EU Affairs and Foreign Relations, Ministry of Transport and Infrastructure, Türkiye • Peline Atamer, Senior Policy Analyst and SIPA Manager for Central Asia, OECD • Kanat Tilekeyev, Head of Executive Education and Senior Research Fellow, UCA Institute of Public Policy and Administration
14.15-14:45	<p>Overview of the SIPA's status and key achievements in Central Asia</p> <ul style="list-style-type: none"> • Peline Atamer, Senior Policy Analyst and SIPA Manager for Central Asia, OECD • Yaroslav Kholodov, Analyst, International Transport Forum • Kanat Tilekeyev, Head of Executive Education and Senior Research Fellow, UCA Institute of Public Policy and Administration
14:45-16.15	<p>Panel discussion on governments' agendas for decarbonising transport</p> <ul style="list-style-type: none"> • Scene-setting presentation: Madina Junussova, Senior Research Fellow, UCA Institute of Public Policy and Administration • Panel discussion - Representatives of Central Asia governments and Burak Çiftçi, EU Expert, Ministry of Transport and Infrastructure of Türkiye
16.15-16:30	<p><i>Coffee & tea break</i></p>
16:30-17:30	<p>Deep Decarbonisation Pathways (DDP) and systems thinking in the transport sector</p> <ul style="list-style-type: none"> • Henri Waisman, DDP Programme Director and Yann Briand, Senior Research Fellow, IDDRI (<i>online</i>) • George Safonov, Director, Efi (<i>online</i>)
17:30-17:45	<p>Conclusion and overview of Day 2</p> <ul style="list-style-type: none"> • University of Central Asia

Day 2 – Capacity-building: planning the low-carbon transition of the transport sector

The second day will consist in a deep-dive into policy analyses and tools for decarbonisation transport, focusing on urban mobility and freight transport in particular. The International Transport Forum (ITF) will present findings from SIPA case studies in Central and Southeast Asia. Participants will also be offered training and capacity-building workshop on CO₂ emission modelling in the transport sector.

Istanbul Time	Topics
9:30-9:45	Introduction
9:45-10:45	<p>Developing decarbonising pathways for urban passenger transport: the case of Uzbekistan/Tashkent</p> <ul style="list-style-type: none"> • Yaroslav Kholodov, Policy Analyst/Modeller, ITF (30 min) • Sohib Kodirov, Expert of Department for Development of Transport Corridors, Logistics and Transit, Ministry of Transport of Uzbekistan (15 min) <p><i>Open discussion and Q&A (15 min)</i></p>
10:45-11:45	<p>Developing decarbonising pathways for national freight transport: the case of the Philippines</p> <ul style="list-style-type: none"> • Nick Caros, Policy Analyst/Modeller, ITF (30 min) • Representative of the Philippines (15 min) <p><i>Open discussion and Q&A (15 min)</i></p>
11:45-12:00	<i>Coffee & tea break</i>
12:00-12:45	<p>Developing a comprehensive sectoral improvement plan: the case of Tashkent’s urban mobility improvement plan</p> <ul style="list-style-type: none"> • Yaroslav Kholodov, Policy Analyst/Modeller, ITF (30 min) <p><i>Open discussion and Q&A (15 min)</i></p>
12:45-14:15	<i>Lunch break</i>
14:15-15:30	<p>Group work Modelling of transport CO₂ emissions from urban passenger transport</p> <ul style="list-style-type: none"> • Presenting the training materials by ITF (10 min) • Group work on the designed training exercises (60 min) • Quick wrap-up (5 min)
15:30-16:45	<p>Group work Modelling of transport CO₂ emissions from national freight transport</p> <ul style="list-style-type: none"> • Presenting the training materials by ITF (10 min) • Group work on the designed training exercises (60 min) • Quick wrap-up (5 min)
16:45-17:00	<i>Coffee & tea break</i>

<i>17:00-18:00</i>	Presentation of the group work <ul style="list-style-type: none">• Presentation of urban passenger groups and open discussions (30 minutes)• Presentation of national freight groups and open discussions (30 minutes)• Quick wrap-up (5 min)
<i>18:00-18:15</i>	Conclusion of Day 2 and Overview of Day 3 <ul style="list-style-type: none">• ITF and UCA

Day 3 – Capacity building: aligning project planning with net-zero objectives

During the last day of the SIPA Summer School, participants will learn about the results of the two studies conducted by IISD on applying the SAVi tool to transport infrastructure programmes in Central Asia (Kazakhstan and Uzbekistan). IISD and UCA will provide training and capacity-building in key methodologies for planning sustainable infrastructure projects aligned on net-zero objectives, from cost-benefit analysis to more complex economic, social, and environmental impact valuation methods.

Istanbul Time	Topics
9:00-10:00	<p>Introduction: sustainable transport, integrated valuations, and the SAVi methodology</p> <ul style="list-style-type: none"> • Michail Kapetanakis, Research Analyst, Public Procurement and Sustainable Infrastructure Policy, International Institute for Sustainable Development (IISD) <p>Examples of SAVi assessments and results of different case studies</p> <p><i>Q&A and discussions</i></p>
10:00-11:00	<p>Systems thinking and system dynamics models for sustainable transport</p> <ul style="list-style-type: none"> • Michail Kapetanakis, Research Analyst, Public Procurement and Sustainable Infrastructure Policy, International Institute for Sustainable Development (IISD) <p>Small exercise</p> <p><i>Q&A and discussion</i></p>
11:00-11:15	<i>Coffee & tea break</i>
11:15 - 12:45	<p>Training on Cost and Benefit Analysis:</p> <ul style="list-style-type: none"> • Theory (45 min.) • Group work (45 min.) <p>Madina Junussova, Senior Research Fellow, SIPA, UCA</p>
12:45-14:15	<i>Lunch break</i>
14:15 – 15:30	<p>Group work (facilitated by UCA):</p> <p>Identifying and valuing economic, social, and environmental impacts of transport infrastructure projects</p> <p>Michail Kapetanakis, Research Analyst, Public Procurement and Sustainable Infrastructure Policy, International Institute for Sustainable Development (IISD)</p>
15:30-16:00	Presentation of the group work results
16:00-16:30	<p>Concluding remarks & awarding ceremony</p> <ul style="list-style-type: none"> • UCA and OECD