



Second global dialogue and second investment-focused event under the Sharm el-Sheikh mitigation ambition and implementation work programme

Global Dialogue: 15 – 16 October 2023 – Abu Dhabi Global Market

*Investment-focused Event: 17 October 2023 – in conjunction with World Investment Forum
at Abu Dhabi National Exhibition Centre (ADNEC)*

All times are in Abu Dhabi time

A. Global Dialogue at ADGM

Day 1 – Sunday, 15 October 2023

Time and location	Session
8:00 – 9:00 ADGM Registration	Registration for the Sharm el-Sheikh Mitigation Ambition and Implementation Global Dialogue and Investment-focused event
<u>Opening Plenary</u> <i>Moderated by co-chairs of the Sharm el-Sheikh Mitigation Ambition and Implementation Work Programme</i>	
09:00 – 09:20 Atrium	Opening and introduction <ul style="list-style-type: none"> • Opening Remarks <ul style="list-style-type: none"> ○ H.E. Adnan Amin, CEO, Incoming COP 28 Presidency ○ H.E. Francesco La Camera, Director-General, International Renewable Energy Agency (IRENA) ○ H.E. Nabeel Munir, Chair of the Subsidiary Body for Implementation (SBI), UNFCCC ○ Simon Stiell, Executive Secretary, UNFCCC secretariat (video message)
<u>Opportunities, Actionable Solutions and Technologies Plenary</u>	
09:20 – 10:40 Atrium	<ol style="list-style-type: none"> 1. Introduction to Opportunities, Actionable Solutions and Technologies for Just Energy Transition in the Transport Sector <i><u>Presentation by experts on just energy transition to urgently scale up mitigation ambition and implementation in the transport sector in this critical decade</u></i> <i><u>4 focused sub-topics</u></i> <ol style="list-style-type: none"> (a) Deploying and shifting to collective and non-motorized modes of transport (rail, urban public transit, cycling, etc.): <ul style="list-style-type: none"> • Philip Turner, Head of Sustainable Development, International Association of Public Transport (UITP)



	<ul style="list-style-type: none"> • Amanda Ngabirano, Professor, University of Makerere, Uganda, Ex-vice president of World Cycling Alliance (Virtual) <p>(b) Energy and resource efficiency in the transport sector (design improvements, circular economy and material changes, vehicle vintage, carpooling, etc.):</p> <ul style="list-style-type: none"> • Johan Falk, CEO, Exponential Roadmap Initiative (Virtual) • Karla Cervantes Barron, Research Associate in Climate Compatible Growth, Department of Engineering, University of Cambridge (virtual) <p>(c) Electrification of vehicles (infrastructure, batteries and minerals):</p> <ul style="list-style-type: none"> • Anvita Arora, Program Director, Transport & Infrastructure, King Abdullah Petroleum Studies and Research Center (KAPSARC) • Elizabeth Connelly, Lead Global EV Outlook, International Energy Agency (IEA) <p>(d) Shifting to low- or zero-carbon fuels (hydrogen, biofuels, biogas, compressed natural gas):</p> <ul style="list-style-type: none"> • Gurbuz Gonul, Director, Country Engagement and Partnerships, IRENA • Amer Ahmad Amer, Transport Chief Technologist, Research and Development Center, ARAMCO <p>2. Introduction to world café and breakout workshops</p> <ul style="list-style-type: none"> - World Café and Workshop explainer - Introduction to facilitators
10:40 – 10:50	Coffee Break
10:50 – 12:30 Atrium	<p style="text-align: center;">World Café session – Round 1</p> <p>The world café sessions will provide a space for more focused interaction between experts and smaller groups of participants around world café tables.</p> <p style="text-align: center;">World café tables will be set up around different topics/questions</p> <p>Participants would have the opportunity to join world café tables of their choosing. Each table would discuss a topic for approximately 45 minutes.</p> <p style="text-align: center;">Kindly note, World Café will be an in-person session only.</p> <p style="text-align: center;"><u>Guiding questions</u></p> <ol style="list-style-type: none"> 1. Governments face multiple important considerations when developing and updating transport infrastructure including mobility demand, transport network and freight logistics. What are barriers, challenges, opportunities and actionable solutions to ensure optimal public policies and investment for low-carbon urban infrastructure taking into account different transport modes such as walking, cycling, road, and rail. 2. Considering the product's lifecycle often guides energy and resource efficiency in international value chains such as dumping of inefficient used vehicles, emissions associated with biofuel production and critical minerals for batteries. What are barriers, challenges, opportunities and actionable solutions to reduce lifecycle emissions of internationally traded transport-related goods, including vehicles, to improve global energy and resource efficiency? 3. While the number of electric vehicles is rapidly increasing in certain countries, their deployment remains uneven across countries due to such issues as affordability, charging infrastructure, electricity supply and battery supply chain. What are barriers, challenges, opportunities and actionable solutions to accelerate adoption of electric vehicles and public



transportation and ensure their affordability with financial, technological and capacity constraints, particularly in developing countries?

4. Multiple options and technology development possibilities exist for low- or zero-carbon fuels with various potential for scale and their own set of constraints. What are barriers, challenges, opportunities and actionable solutions to strengthen synergies and address trade-offs with sustainable development taking into account characteristics of a specific low-or zero-carbon fuel?

12:30 – 14:00
Lunch Break at Four Seasons Hotel

Breakout Workshops

All 4 thematic workshops will run in parallel. Participants will join one of the four breakout rooms. Participants will stay in the room through the day. After each round of workshops, facilitators and experts will rotate to a new room.

Over the course of the day, all participants will be able to attend each workshop.

Each Workshop Round will run for approximately 60 minutes with a short break in between to allow facilitators and experts to switch between breakout rooms. Facilitators will keep time and inform about the program.

Guiding questions for breakout workshops

- *What are opportunities, best practices and actionable solutions for just energy transition in the transport sector to urgently scale up mitigation ambition and implementation in this critical decade in each of the respective sub-topics (collective and non-motorized modes of transport, energy and resource efficiency, electrification of vehicles, low- or zero-carbon fuels)?*
- *What are effective policies and measures implemented from global perspective and country-specific experience for each of the respective sub-topic?*
- *How are financial, technological and capacity-building needs addressed for each of the respective sub-topics?*
- *How are the issues of international cooperation, including with non-Party stakeholders, and provision of support to developing countries addressed?*
- *How is sustainable development promoted and what are the socioeconomic effects under each of the respective sub-topics?*

<p><i>Breakout Group 1:</i></p> <p>Collective and non-motorized modes of transport</p> <p>Philip Turner, Head of Sustainable Development, UITP</p> <p>Amanda Ngabirano, Professor, University of Makerere, Uganda, Ex-vice president of World Cycling Alliance (Virtual)</p>	<p><i>Breakout Group 2:</i></p> <p>Energy and resource efficiency in the transport sector</p> <p>Johan Falk, CEO, Exponential Roadmap Initiative (Virtual)</p> <p>Karla Cervantes Barron, Research Associate in Climate Compatible Growth, Department of Engineering, University of Cambridge (virtual)</p> <p>Facilitated by Ghanim Hableel, Ghanim Hableel (COP28), Senior Negotiator, Mitigation & Response Measures, Incoming COP28 Presidency</p>	<p><i>Breakout Group 3:</i></p> <p>Electrification of vehicles</p> <p>Anvita Arora, Program Director, Transport & Infrastructure, KAPSARC</p> <p>Elizabeth Connelly, Lead Global EV Outlook, IEA</p>	<p><i>Breakout Group 4:</i></p> <p>Shifting to low- or zero-carbon fuels</p> <p>Gurbuz Gonul, Director, Country Engagement and Partnerships, IRENA</p> <p>Amer Ahmad Amer, Transport Chief Technologist, Research and Development Center, ARAMCO</p>
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<p>14:00–18:30</p> <p>Breakout Workshops:</p> <p>At ADGM Tower BW1: Atrium (Level 3) BW2: Auditorium (Level 4)</p> <p>At Al Maqam Tower BW3: Amphitheatre (level 20) BW4: Classroom (level 20)</p>	Workshop Round 1
	Short break
	Workshop Round 2
	Short Break
	Workshop Round 3
	Short break
	Workshop Round 4
	Short break
19:00 onwards	Dinner at Loca Restaurant at The Galleria Al Maryah Island



Day 2 – Monday, 16 October 2023

Time	Session
<p><u>Opening Plenary</u> <i>Moderated by co-chairs of the Sharm el-Sheikh Mitigation Ambition and Implementation Work Programme</i></p>	
9:00 – 9:30	<p>Report back from Day 1 Breakout Workshops and World Café Introduction to Day 2</p>
<p><u>Barriers, challenges, and financing issues Plenary</u></p>	
<p>9:30 – 10:50 Atrium</p>	<p>1. Introduction to barriers, challenges, and financing issues to Just Energy Transition in the Transport Sector</p> <p><i><u>Presentation by experts on just energy transition to urgently scale up mitigation ambition and implementation in the transport sector in this critical decade:</u></i></p> <p><i><u>4 focused sub-topics</u></i></p> <p>(a) Financing issues</p> <ul style="list-style-type: none"> • Binyam Reja, Global Practice Manager, Transport Global Unit, World Bank Group (virtual) • Celine Tan, Professor, University of Warwick, UK <p>(b) Technology and capacity challenges</p> <ul style="list-style-type: none"> • Mareer Mohamed Hunsy, Climate Change Expert, Technology Executive Committee (TEC) • Roland Roesch, Director of Innovation and Technology Centre, IRENA <p>(c) Barriers and challenges around addressing sustainable development and socioeconomic impacts</p> <ul style="list-style-type: none"> • John Mark Mwanika, Program Officer - Amalgamated Transport and General Workers Union (ATGWU), Chair of Urban Transport Committee, Gig Economy Working Group and Co-Chair Sustainable Transport Working Group - International Transport Workers Federation (ITF), Team Member - Global Labour Institute (GLI) <p>(d) Barriers and challenges around policies and measures</p> <ul style="list-style-type: none"> • Maruxa Cardama, Secretary General, SLOCAT • Mahua Acharya, Former CEO, Convergence Energy Services Limited India (CESL India) (Virtual) <p>2. Introduction to world café and breakout workshops</p> <ul style="list-style-type: none"> - World café and Workshop explainer - Introduction to facilitators
10:50 – 11:00	<p>Break</p>
<p>11:00 – 12:30 Atrium</p>	<p>World Café session – Round 2</p> <p>The world café sessions will provide a space for more focused interaction between experts and smaller groups of participants around world café tables.</p>



World café tables will be set up around different topics/questions

Participants would have the opportunity to join world café tables of their choosing. Each table would discuss a topic for approximately 45 minutes.

Kindly note, World Café will be an in-person session only.

Guiding questions

1. Governments face multiple important considerations when developing and updating transport infrastructure including mobility demand, transport network and freight logistics. What are barriers, challenges, opportunities and actionable solutions to ensure optimal public policies and investment for low-carbon urban infrastructure taking into account different transport modes such as walking, cycling, road, and rail.
2. Considering the product's lifecycle often guides energy and resource efficiency in international value chains such as dumping of inefficient used vehicles, emissions associated with biofuel production and critical minerals for batteries. What are barriers, challenges, opportunities and actionable solutions to reduce lifecycle emissions of internationally traded transport-related goods, including vehicles, to improve global energy and resource efficiency?
3. While the number of electric vehicles is rapidly increasing in certain countries, their deployment remains uneven across countries due to such issues as affordability, charging infrastructure, electricity supply and battery supply chain. What are barriers, challenges, opportunities and actionable solutions to accelerate adoption of electric vehicles and public transportation and ensure their affordability with financial, technological and capacity constraints, particularly in developing countries?
4. Multiple options and technology development possibilities exist for low- or zero-carbon fuels with various potential for scale and their own set of constraints. What are barriers, challenges, opportunities and actionable solutions to strengthen synergies and address trade-offs with sustainable development taking into account characteristics of a specific low-or zero-carbon fuel?

12:30 – 13:30

Break

Breakout Workshops

All 4 thematic workshops will run in parallel. Participants will join one of the four breakout rooms. Participants will stay in the room through the day. After each round of workshops, facilitators and experts will rotate to a new room. Over the course of the day, all participants will be able to attend each workshop.

Each Workshop Round will run for approximately 60 minutes with a short break in between to allow facilitators and experts to switch between breakout rooms. Facilitators will keep time and inform about the program.

Guiding questions for breakout workshops:

- *What are barriers and challenges for just energy transition in the transport sector to urgently scale up mitigation ambition and implementation in this critical decade taking into account sub-topics in day1 (collective and non-motorized modes of transport, energy and resource efficiency, electrification of vehicles, low- or zero-carbon fuels)?*



<p><i>Breakout Group 1:</i></p> <p>Barriers and challenges around policies and measures</p> <p>Mahua Acharya, Former CEO, CESL India (virtual)</p> <p>Maruxa Cardama, Secretary General, SLOCAT</p>	<p><i>Breakout Group 2:</i></p> <p>Financing Issues</p> <p>Binyam Reja, Global Practice Manager, Transport Global Unit, World Bank Group (virtual)</p> <p>Celine Tan, Professor, University of Warwick, UK</p>	<p><i>Breakout Group 3:</i></p> <p>Technology and capacity challenges</p> <p>Simon Benmarraze, Team Lead, Technology and Infrastructure, IRENA</p> <p>Mareer Mohamed Hunsy, Climate Change Expert, TEC</p>	<p><i>Breakout Group 4:</i></p> <p>Barriers and challenges around addressing sustainable development and socioeconomic impacts</p> <p>John Mark Mwanika, Program Officer-ATGWU, Chair Urban Transport Committee Gig Economy Working Group and Co-Chair Sustainable Transport Working Group, ITF, Team member, GLI</p>
<p>13:30–18:00</p> <p>Breakout Workshops:</p> <p>At ADGM Tower BW1: Atrium (Level 3) BW2: Auditorium (Level 4)</p> <p>At Al Maqam Tower BW3: Amphitheatre (level 20) BW4: Classroom (level 20)</p>	<p style="text-align: center;">Workshop Round 5</p> <p style="text-align: center;">Short break</p> <p style="text-align: center;">Workshop Round 6</p> <p style="text-align: center;">Short break</p> <p style="text-align: center;">Workshop Round 7</p> <p style="text-align: center;">Short break</p> <p style="text-align: center;">Workshop Round 8</p>		
<p>18:00 – 18:30</p> <p>Atrium</p>	<p style="text-align: center;"><u>Closing Session</u></p> <p style="text-align: center;"><i>Moderated by co-chairs of the Sharm el-Sheikh Mitigation Ambition and Implementation Work Programme</i></p> <ul style="list-style-type: none"> - Report back from Breakout Sessions on Day 2 - Summary and reflections by the co-chairs 		
<p>18:30 onwards</p>	<p style="text-align: center;">Options for cultural experiences hosted by the Incoming COP28 Presidency</p>		



B. Investment-focused Event – Tuesday, 17 October 2023 in conjunction with the World Investment Forum at ADNEC



Time	Session
<p>9:00 – 10:30 Hall 4 Room 12</p>	<p>Session I: Opening session</p> <p><i>Moderated by co-chairs of the Sharm el-Sheikh Mitigation Ambition and Implementation Work Programme</i></p> <ul style="list-style-type: none"> - Opening remarks <ul style="list-style-type: none"> • Iman Ustadi, Deputy Chief Negotiator, Incoming COP28 Presidency • Richard Bolwjin, Head of Investment Research, UNCTAD - Introduction to the investment-focused event concept by the co-chairs of the Sharm el-Sheikh Mitigation Ambition and Implementation Work Programme - Introductory remarks on accessing finance for mitigation projects <ul style="list-style-type: none"> • H.E. Mahmoud Mohieldin, UN Climate Change High-Level Champion, COP 27 Presidency, Egypt (Virtual) • Ahmed Badr, Director, Project Facilitation and Support, IRENA • Romeo Bertolini, Deputy Director of Country Engagement, NDC Partnership Support Unit • Devindranauth Bissoon, Senior Infrastructure Specialist, Green Climate Fund (Virtual) • Clay Stranger, Managing Director, Carbon Free Mobility Program, Rocky Mountain Institute (RMI) (Virtual) - Presentation of successful case studies on energy transition in transport sector <p><i>In this segment, transport sector projects that have successfully leveraged large scale finance will present case studies of their experience and approach.</i></p> <ul style="list-style-type: none"> • Edward Beukes, Senior Urban Transport Specialist, World Bank (Virtual) • Abhishek Poddar, India Country Head, Macquarie Group (Virtual) • Susana Milena Ricaurte Farfan, Advisor, Ministry of Transport, Colombia <p>Question and answer session</p>
<p>10:30 – 10:40</p>	<p>Break</p>
<p>10:40 – 14:30 Pitch Hub Breakout Rooms: Hall 4 Room 12 Hall 2 Room 4 Hall 2 Room 7</p>	<p>Session II: Pitch hub: from concept to finance: preparation and planning</p> <p>The Pitch Hub will provide an opportunity for interested Parties to share a project idea with investors, financial institutions, and other policymakers with a view to facilitate investment project preparation.</p> <p>Participants selected through a pre-determined process will make pitches to investors and policy makers on their project proposals under various thematic areas such as renewables, transport and energy efficiency.</p>



	<p>Interested Parties have been requested to submit a project proposal to be included in the pitch hub.</p> <p>The pitch hub will take place in a breakout session format.</p> <p><i>Further details have been shared with registered participants of the investment-focused event.</i></p>
<p>14:30 – 16:00 Hall 4 Room 12</p>	<p>Session III: Addressing structural barriers to clean energy investment</p> <p><i>In this session, key clean finance and investment stakeholders come together to discuss various structural barriers related to mobilizing clean energy investment (eg. currency risks and debt issues, role of MDBs, credit rating agencies, cost of capital) and offer opportunities and good practice to address various barriers.</i></p> <p>Panel discussion:</p> <p>Facilitator: Lola Vallejo, co-chair of the Sharm el-Sheikh Mitigation Ambition and Implementation Work Programme</p> <ul style="list-style-type: none"> • H.E. Mahmoud Mohieldin, UN Climate Change High-Level Champion, COP 27 Presidency, Egypt (virtual) • Tariye Gbadegesin, CEO, ARM-Harith Infrastructure Investment (Virtual) • Moritz Kraemer, Chief Economist/Head of Research at Landesbank Baden-Württemberg (LBBW) • Martin Nagell, Director of M&A at Masdar <p>Question and answer session</p>
<p>16:00 – 16:10</p>	<p>Break</p>
<p>16:10 - 18:15 Hall 4 Room 12</p>	<p>Session IV: Regional opportunities for mobilizing investment</p> <p><i>This session aims to share regional perspective to unlock finance, overcome barriers to access to finance, identify investment opportunities and actionable solutions in the transport sector.</i></p> <p>Facilitator: Amr Osama Abdel-Aziz, co-chair of the Sharm el-Sheikh Mitigation Ambition and Implementation Work Programme</p> <ul style="list-style-type: none"> • Focus on Africa and MENA: Abimbola Olufore Wycliffe, Head, Investment and Technology Promotion Office, UNIDO • Focus on Asia: Kishlaya Misra, Senior Investment Officer, Asian Infrastructure Investment Bank (AIIB) • Focus on Latin America and Caribbean: Mr. Jorge Abrache, Vice President for Private Sector, Development Bank of Latin America (CAF) • Focus on Small Island Developing States: Pepetua E. Latasi, Climate Change Director, Tuvalu • Focus on eastern and western European and other States: Nancy Saich, Chief Climate Change Expert, European Investment Bank (EIB) (virtual) <p>Question and answer session</p>
<p>18:15 – 18:30 Hall 4 Room 12</p>	<p>Closing Plenary</p> <ul style="list-style-type: none"> - Summary by the co-chairs - Next steps
<p>19:00 onwards – Matchmaking Reception</p>	