



## Draft Agenda

### Ministerial Conference “MEETING THE CHALLENGE OF SUSTAINABLE ENERGY”

***11 June 2017, Astana, Republic of Kazakhstan***

**09:00 - 10:00 VIP TOUR-1 TO THE EXPO CITY**

**10.00 – 11.00 CONFERENCE OPENING CEREMONY AND SPECIAL ADDRESSES**

*The high-level dialogue is intended to enhance the understanding of sustainable energy and possible policy drivers to achieve a common goal on sustainable energy. It will provide an opportunity to explore how the United Nations can help implement to pursue sustainable agendas putting to the fore the regional context.*

**11.00 – 12.15 MINISTERIAL DISCUSSION № 1:  
«Addressing challenges of sustainable energy»**

*The 2030 Agenda requires countries to pursue concerted and accelerated action on sustainable energy in their national programs to reconcile the world’s growing need for energy services with mitigating the impacts of energy resource development and use. Countries need to understand what has been agreed both in their own national contexts and from others’ perspectives. Only then can different but equally effective development pathways be pursued efficiently and collaboratively.*

*Format: one Keynote address, short interventions on the below subjects by other panelists followed by active discussions.*

- The new global sustainable development agenda;
- Energy outlook and appropriate indicators – trend, gap, and challenge;
- Energy balance and energy security;
- The role of fossil fuels in future energy systems;
- Impacts of oil price developments on achieving the energy related sustainable development goals;
- Future sustainable energy systems and balancing markets; and
- Regional specificities in reaching the energy-related sustainable development goals.

**12:15 - 12:30 COFFEE BREAK**

**12:15 - 13:00 PRESS CONFERENCE**

**12:30 - 13:45 MINISTERIAL DISCUSSION № 2:  
«Transition to low carbon future»**

*There is a first gap between current actions taken by governments and the commitments they have made both to Agenda 2030 and in Paris, and a second gap between their commitments and the ambition of limiting temperature rises to well below 2°C. The rate of improvement in energy efficiency, the deployment of net low carbon energy solutions, the uptake of renewable energy and the provision of sustainable access to modern energy services are insufficient. Energy’s contribution to 2030 Agenda will falter in the absence*

*of concrete measures to reduce energy intensities, rationalize energy use, optimize energy resources, deploy new energy technologies and sustainable energy infrastructure, and closely involve end-users and new generations to create the necessary behavioral change.*

*Format: one Keynote address, short interventions on the below subjects by other panelists followed by active discussions.*

- Pathways to sustainable energy;
- The role of renewable energy within future energy systems;
- New technologies and innovation to meet the SDGs;
- Reinforcing synergies between renewable energy and gas;
- National action plans and holistic energy policies;
- Overcoming investment barriers in the region; infrastructure finance;
- Enhancing market conditions, the right way to improve carbon intensities; and
- Water, food and energy nexus.

**13:45 - 15:00** **LUNCH**

**15:00 - 16:15** **MINISTERIAL DISCUSSION № 3:**  
**«Promoting green technologies and investments»**

*The ongoing transformation of global energy systems requires increased government investment in clean energy innovation, private sector engagement, and dissemination of advanced technologies to facilitate joint research and information sharing. The international community needs to encourage collaboration among relevant research laboratories and institutes to promote the development of innovative clean energy technologies. Launch of International Centre for the development of green technologies and investment projects under the auspices of the UN in Astana is a concrete step forward towards meeting the challenges of sustainable energy.*

*Format: one Keynote address, short interventions on the below subjects by other panelists followed by active discussions.*

- Energy productivity: measuring and tracking progress;
- Development of innovative clean energy technologies;
- Clean technology transfer;
- Green finance mechanisms: trends and impacts; and
- Promotion of regional connectivity of energy infrastructure projects.

**16:15 - 17:00** **SPECIAL CEREMONY – ADOPTING MINISTERIAL DECLARATION**

- Statements by the Heads of Delegations

**17:00 - 17:15** **CONFERENCE PHOTO**

**17:15 - 18:00** **VIP TOUR-2 TO THE EXPO CITY**

**19:00 - 21:00** **CONFERENCE GALA DINNER HOSTED BY THE GOVERNMENT OF THE REPUBLIC OF KAZAKHSTAN**

PROVISIONAL OVERVIEW AGENDA – ENERGY MINISTERIAL AND 8<sup>TH</sup> FORUM ON ENERGY FOR SUSTAINABLE DEVELOPMENT

- Track I: Renewable Energy (RE)
- Track II: Energy Efficiency (EE)
- Track III: Fossil Fuels
- Track IV: Regional Cooperation

Notes:  
 “Sessions” can be Round Tables, Workshops, Panel Discussions, etc.  
 Additional rooms planned: (1) Networking Room; (2) Matchmaking Room

Track V: Project Events (United Nations Development Account (UNDA), Special Programme for the Economies of Central Asia (SPECA))

11 June		12 June					13 June					14 June				
09.00-10.30	Energy Ministerial	Plenary: <b>Hard Talks on “Sustainable Energy of the 21<sup>st</sup> Century – Government meets Industry”</b>  1 <sup>st</sup> Hard Talk: <b>Energy Transition/Energy Security for Sustainable Development</b> <i>Moderated round table discussion</i> <ul style="list-style-type: none"> <li>- Partnerships / SDG17</li> <li>- The future of trade and energy infrastructure planning</li> <li>- Energy security remains as driver in today’s national policy-making</li> <li>- Opportunities and threats of energy trade</li> </ul>					<b>Renewable Energy Pipeline Projects</b> Organizer: ESCWA, UNECE, ECA, EU TAF	<b>Creating the Business Case for Energy Efficiency: Engaging Governments with Industry.</b> Organizer: UNECE, UNIDO, C2E2, ESCWA, BG Consulting Engineers	<b>Best Practices in High Efficiency-Low Emissions Coal Power Generation</b> Organizer: UNECE	To be confirmed	<b>UNDA: Training to the National Officials and Experts Responsible for Sustainable Energy Data collection</b> Organizer: UNECE, ESCAP	<b>Matchmaking for Renewable Energy investments</b> Organizer: UNECE, ESCWA, EU TAF	<b>Smart Cities</b> Organizer: UNECE, swissuniversities, C2E2	<b>UNFC: Energy and Materials from waste</b> Organizer: UNECE, IAEA	<b>Tracking Progress in Sustainable Energy: Data and Indicators</b> Organizer: ESCWA, UNECE	<b>SPECA: 21th Session of the Thematic Working Group on Water, Energy and Environment</b> Organizer: UNECE, ESCAP, UNDP
		2 <sup>nd</sup> Hard Talk: <b>Interplay between Renewable Energy and Fossil Fuels</b> <i>Moderated round table discussion</i> <ul style="list-style-type: none"> <li>- Challenges of reconciling tight emissions pathway with development aspirations</li> <li>- The need to modernise fossil-based economies</li> <li>- Tracking progress in Sustainable Energy - Results of GTF reports and REN21: Key challenges of Sustainable Energy in the regions</li> </ul>														
Lunch Break	Press Conference for REN21 UNECE RE Status Report launch															
14.00-15.30		<b>Findings of UNECE Renewable Energy Status Report 2017</b> Organizer: UNECE, REN21	<b>Energy Efficiency in Buildings: Framework Guidelines</b> Organizer: UNECE	<b>The Role of Gas in Achieving the Sustainable Development Goals</b> Organizer: UNECE, ECA, IGU	<b>Regional Technology and Investment Center</b> Organizer: Kazakhstan, UNDP, ESCWA	<b>Renewable Energy Pipeline Projects (continued)</b>	<b>Creating the Business Case for Energy Efficiency (continued)</b>	<b>Methane and Coal</b> Organizer: UNECE, EPA, GMI	<b>Regional Cooperation in Central Asia and South Eastern Europe</b> Organizer: IRENA, UNECE	<b>UNDA: Training to the National Officials and Experts Responsible for Sustainable Energy Data collection</b> Organizer: UNECE, ESCAP	<b>From Diesel Generators to Renewable Energy in the Context of Crisis</b> Organizer: UNECE, UNITAR, UNHCR, GIZ	<b>Smart Cities (continued)</b>	<b>Transition of Old Industrial Sites</b> Organizer: UNECE	<b>Pathways to Sustainable Energy</b> Organizer: UNECE, ESCWA	<b>SPECA: 21th Session of the Thematic Working Group on Water, Energy and Environment</b> Organizer: UNECE, ESCAP, UNDP	
		<b>Renewable Energy Grid Integration in Central Asia and Caucasus</b> Organizer: IRENA, UNECE	<b>Synergies of Renewable Energies and Energy Efficiency</b>	<b>Reducing Methane Emissions from the Extractive Industries</b> Organizer: UNECE, Poland ICE, China ICE	<b>Tracking Progress in Sustainable Energy: GTF Regional Reports</b> Organizer: ECA, ECLAC, ESCAP, ESCWA, UNECE, WB, SE4All											<b>From Renewable Energy Pipeline Projects to Match-making</b> Organizer: ESCWA, UNECE, ECA, EU TAF
17.30-18.00	Plenary: Messages from the Sessions					Plenary: Messages from the Sessions					Plenary: Messages from the Sessions					
18.00-18.30	Press Conference for GTF Regional Reports Launch										Wrap-Up / Closing Session					

	Reception		Reception		Reception
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