



Fourth Session of the Group of Experts on Energy Efficiency

International Forum on Energy for Sustainable Development

31 October – 1 November 2017, Geneva



International Forum Process

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- 8th Forum and Energy Ministerial, Astana, Kazakhstan
- 11-14 June 2017 at the auspices of EXPO 2017 “Future Energy”
 - Co-organizers: Kazakhstan and the five Regional Commissions
 - Partners: UNDP, UNIDO, DESA, IEA, IRENA, SEforAll, the World Bank, C2E2, REN21
- 9th Forum: Kiev, Ukraine, fall 2018
- Participating ministers adopted a declaration about how to accelerate energy transition
- The Committee on Sustainable Energy took note and endorsed steps for the implementation

Implementing the Astana Ministerial Declaration

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Actions Items:

- (a) Accelerating the transition to a sustainable energy system;
- (b) Accelerating the uptake of renewables;
- (c) Improving energy efficiency in buildings;
- (d) Improving energy efficiency in industry;
- (e) Understanding the role of natural gas in the 2030 Agenda for Sustainable Development;
- (f) Valuing coal mine methane;
- (g) Extending deployment of United Nations Framework Classification for Resources;
- (h) Reducing the environmental footprint of fossil energy through deployment of high efficiency, low emissions technology and carbon capture use and storage;
- (i) Building on international cooperation and collaboration;
- (j) Improving data quality and indicators.

Implementing the Astana Ministerial Declaration

Energy efficiency I

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Improving energy efficiency in buildings:

- Endorse the **framework guidelines** for energy efficiency standards in buildings and pursue their widespread deployment;
- Use key **performance indicators** to evaluate smart and sustainable cities.

Improving energy efficiency in industry:

- Organize **seminars** to help policy makers understand the perspective of industry, help industry appreciate the financial and productivity benefits of energy efficiency, and apply both sets of lessons to finance and supporting organizations;
- Find a host country and a flagship project as a case study on **legacy industrial complexes** that use inefficient technologies and processes;
- Create framework conditions that allow industry and capital markets to invest. Develop a **robust and flexible business model** for efficient transition of an outdated site that could be replicable in other industrial complexes.

Implementing the Astana Ministerial Declaration

Energy Efficiency II

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Building on international cooperation and collaboration:

- Support UNECE and ESCAP initiatives for developing cooperation and synergies to promote **technical assistance projects** in Central Asia.

Improving data quality and indicators:

- Support **future regional reports** on the tracking of progress of the attainment of the Sustainable Development Goals, in particular on energy, e.g. the 2017 Global Tracking Framework regional companion reports;
- Participate in the UNECE project “**Pathways to Sustainable Energy**” – the project would be strengthened by wider participation of donors and countries.



Document ECE/ENERGY/2017/2: Eighth International Forum on Energy for Sustainable Development: Building on Regional Cooperation

Document ECE/ENERGY/GE.6/2017/4: Framework Guidelines for Energy Efficiency Standards in Buildings

<https://www.unece.org/index.php?id=45864> (bottom of the page)

