

67th IAEA General Conference

Atoms4NetZero – Assessing the role of nuclear power and developing climate mitigation scenario through the IAEA’s energy modelling tools

Side Event during 67th IAEA General Conference
25th September 2023, 16:00–17:00, Room CR3, Conference Building, 7th Floor

The Atoms4NetZero initiative, launched by DG Grossi at COP27, provides a framework for supporting Member States in capacity building in energy planning, to address the challenge of developing pathways towards net zero energy systems, by harnessing the power of nuclear, including Small Modular Reactors and Advanced Reactors.

This side event will discuss the need to model nuclear’s contribution to energy transition scenarios that address both climate change mitigation targets, including net zero objectives, and the broader context of sustainable development.

The MESSAGE tool and other IAEA’s energy system assessment tools can be used for that purpose, and the side event will provide insights from experts from Member States, Atoms4NetZero partners and Agency.

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Event Programme

**Atoms4NetZero initiative:
opening remarks**

Rafael Mariano Grossi
IAEA Director General (Video message)

Mikhail Chudakov
Deputy Director General,
Head of The Department of Nuclear
Energy

Speakers

Katy Huff
US DOE Assistant Secretary for Nuclear
Energy

Enobot Agboraw
Executive Secretary of AFCONE

Zheng Mingguang
Chief Engineer of SPIC and Chair
of SAGNE

Q & A Session

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Event Programme

Technical part: (16:30–17:00)

Moderated

Henri Paillere

Head, Planning and Economic Studies
Section, Department of Nuclear Energy

**Presentation on the IAEA
energy planning support and
tools and Small Modular
Reactors to fulfil that potential**

Mario Tot

Planning and Economic Studies Section
Department of Nuclear Energy

**Member states experiences
on the use of IAEA's tools for
energy and environmental
policies assessment**

Seth Debrah

Director of Nuclear Power Institute,
Ghana Atomic Energy Commission

Q & A Session

Closing Remarks

Wei Huang

Director, Division of Planning, Information
and Knowledge Management