**COP24 Nuclear for Climate Side Event**

**“Inclusive energy mix – only effective way to reduce carbon emissions”**

**DATE: 4 December 2018, 15:00 – 16:30**

**VENUE: Bug ROOM, COP24 venue, International Congress Centre (MCK), Katowice**

**BACKGROUND**

Climate change is the most significant threat to our planet today, and yet just three years after the Paris Agreement, the world is significantly behind in meeting its climate goals. The latest IPCC report on the impacts of global warming reaching 1.5°C above pre-industrial levels sends a clear warning that this increase may be exceeded by 2030-2050. Only by combining renewables with nuclear energy, making up a significant part of the world’s future energy mix, we can still deliver on the Paris Agreement commitments.

This event will explore the transitions needed to create a balanced energy mix consisting of all low carbon technologies, including nuclear. Invited speakers, representing different countries and organisations, will discuss the challenges the countries face in achieving the climate goals set up by the Paris Agreement.

**ORGANISER**

#Nuclear4climate is a grass roots initiative which brings together 150 regional and national nuclear associations and technical societies. We acknowledge the unequivocal conclusions of the majority of climate scientists, as stated in the peer reviewed IPCC 5th assessment report, that human activities have contributed to changes in the Earth’s climate. We proudly believe that nuclear energy is a key part of the solution.

**SPEAKERS**

Hal Turton, IAEA (TBC)

Valérie Faudon, SFEN, France

Kirsty Gogan, Energy for Humanity, UK

Eric G. Meyer, Generation Atomic, US

Daniel Yi-Chiang Liu, JAIF, Japan

**OBJECTIVES**

The main objectives of the event are:

1. to identify the challenges in creation of a balanced energy mix in global electricity production
2. to discuss the role of nuclear in inclusive technology mix, consisting of every available low-carbon technology including nuclear, as the fastest path for decarbonisation
3. to bring environmentalists’ perception on nuclear as key part of the solution to climate change
4. to discuss how optimal energy planning, policies, and data analysis could help countries to reduce their carbon emissions

**FORMAT**

A panel discussion with associations, industry and activists. Guiding questions, clean-energy pathways and interactive Q&A session.

**PROGRAMME**

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| **Time (min)** | **Description** |
| 15:00 – 15:10 | **Opening remarks**: Moderator will open the session with short welcome remarks. |
| 15:10 – 15:25 | **Keynote address:** Valerie Faudon, SFEN, presenting the N4C [position paper](http://www.sfen.org/sites/default/files/public/atoms/files/position-paper-n4c-14-11-18.pdf) |
| 15:25 – 16:00 | **Panel discussion with 4 panelists: Kirsty Gogan, Energy for Humanity, UK, Tal Hurton, IAEA, Eric G. Meyer, Generation Atomic, USA and Daniel Yi-Chiang Liu, JAIF, Japan** |
| 16:00 – 16:20  | **Q&A:** the floor will open for questions and comments from the participants. |
| 16:20– 16:30  | **Closing:** moderator will summarize the discussion and close the session. |