



**Conference**



# **CLIMATE CRISIS: WHY NUCLEAR IS NOT HELPING**

October 7<sup>th</sup> & 8<sup>th</sup> 2019, Vienna

## **PROGRAM**

The climate crisis is the biggest challenge we humans face. At the same time, nuclear energy is trying to make a come-back after the disasters of Chernobyl and Fukushima. While nuclear lobbyists have stopped claiming new plants would be competitive long ago, they now hope to receive new subsidies by arguing their technology can contribute to a low CO<sub>2</sub> electricity system. In order to do so, they enroll those few IPCC scenarios which include some share of nuclear electricity and to 'cherry pick' some IEA forecasts. In doing so, they hope to influence the EU and its bank EIB to find new money for new nuclear.

This international conference, which takes place at the same time as IAEA's very first climate conference on October 7 2019<sup>1</sup>, will examine the hard evidence-base, the facts and figures – in order to prepare strategies to halt fresh money for the outdated technology that is nuclear. The key question is: Are those forecasts which support the use of nuclear accurate – or are they unfairly biased? Also the issue of whether this dying industry is able to deliver the new innovative designs and how quickly will be examined at this conference.

# DAY 1: MONDAY OCTOBER 7<sup>TH</sup>

Location: ARCOTEL Kaiserwasser, Wagramer Str. 8, 1220 Wien Vienna  
(across the road from IAEA)

10:30 **Registration**

11:00 – 11:20 **Welcome & Keynote**

- Patricia Lorenz, GLOBAL 2000/DNTC
- Andrea Schnattinger, Head of Vienna Ombuds Office for Environmental Protection
- Franziska Marhold und Leo Zirwes, Fridays for Future

11:30 – 12:10 **Role of nuclear and climate goals in IEA, IAEA, IPCC scenarios**

Critical look at forecasts – Overestimated for nuclear and underestimated for renewables? Nuclear generation increases, on average by around 2.5 times by 2050 in the 89 mitigation scenarios considered by the IPCC and what the IPCC report also says about nuclear.

*Speaker: Georg Günsberg, Strategy Consultant Climate and Energy Politics, Vienna*

12:10 – 12:35 **Can we afford nuclear to save us from global warming?**

*Speaker: Steve Thomas, University of Greenwich, UK*

12:35 – 13:00 **Small Modular Reactors (SMRs): Findings from a key report by Paul Dorfman, M.V. Ramana and Sean Morris**

*Speaker: Paul Dorfman, The Energy Institute, University College London*

13:00 LUNCH

14:00 – 14:40 **Operating a very old fleet of nuclear power plants**

Is it the most realistic scenario? Can ageing plants contribute to energy security and which additional risks will arise due to climate change phenomena?

*Speaker: Oda Becker, Independent technical consultant, Hannover*

14:40 – 15:10 **Propaganda versus reality of new generation of reactors (GEN IV)**

*Speaker: Christoph Pistner, Nuclear Engineering & Facility Safety  
Ökologieinstitut Darmstadt*

- 15:10 – 16:30 **Exclusive Presentation of the WNSIR 2019 by Mycle Schneider and the author of the special chapter on Nuclear Power and Climate Change by Amory Lovins RMI**
- For nuclear to be considered a feasible option in managing the decline of the fossil fuel economy, new reactors must be economically viable and built on-time - however, practical experience demonstrates that nuclear is hugely expensive and very much behind schedule. Nuclear costs and risks mean that plants can only be built with vast state aid (public subsidies), including loan guarantees and long-term power purchase agreements.
- Speaker: Mycle Schneider and Amory Lovins – via video conferencing with Q&A
- 16:30 – 17:00 COFFEE BREAK
- 17:00 – 17:25 **Nuclear power powers the bomb**
- Speaker: Angelika Claußen, IPPNW president for Europe, Germany
- 17:25–17:50 **Nuclearisation of Africa and the role of IAEA**
- Speaker: Makoma Lekalakala, Earthlife South Afrika
- 17:50–18:40 Panel Discussion “Towards System Change” - Panelists: Makoma Lekalakala, Paul Dorfman, Reinhard Uhrig. Initial remark on IPCC by Helmut Haberl (BOKU).

## **DAY 2: TUESDAY OCTOBER 8<sup>TH</sup>**

### **Workshops and NGO Strategy Day**

Workshops, lecture and strategy meeting

Location: GLOBAL 2000 office, Neustiftgasse 36, 1070 Vienna

9:00 – 9:20 Introduction and wrap-up of DAY I as starting point

**As workshops are run in parallel, please register A or B with the welcome desk on DAY I.**

9:20 – 10:30 **A Workshop on EU nuclear matters**  
Patricia Lorenz, FoEE Brussels/GLOBAL 2000

**B Workshop „Milliarden für Euratom?“**  
Christoph Rasch, Greenpeace Energy Deutschland (in German)

10:30 – 10:50 COFFEE BREAK

- 10:50 – 12:00 **A** First results of working paper on climate crisis and NPP  
Presentation of the first results about NPP safety and operation under climate crisis condition. Followed by feedback by the workshop participants on further aspects.  
Eszter MÁTYÁS, CEU PhD, Energiaklub, Hungary
- B** Nuclear power's CO2 emission: Negligible or unknown?  
Reinhard Uhrig, GLOBAL 2000
- 12:00 – 13:00 **A** The European Nuclear Power Risk Study 2019 – Doctor's study analyses accident consequences based on real weather situations (France, Swiss NPP) and shows the high risks arising from severe nuclear accidents also for neighbouring countries  
Claudio Knüsli, IPPNW
- B** Lifetime extension and EIA: ongoing developments  
Jan Haverkamp, Greenpeace NL
- 13:00 LUNCH
- 14:00 – 15:30 **A + B** Don't nuke the climate strategy finding workshop: How do we continue from here? Planning next year's activities. Panel session to present the two groups' proposals.

## FURTHER INFORMATION & REGISTRATION

[www.global2000.at/events/conference-climate-crisis](http://www.global2000.at/events/conference-climate-crisis)

The conference & workshop day are organised by the Don't Nuke the Climate network of anti-nuclear organisations and networks from all over the globe that work together to keep nuclear out of the climate agreements and the Paris agreement:



[www.dont-nuke-the-climate.org/about-us/](http://www.dont-nuke-the-climate.org/about-us/)

This conference was supported by:

