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NPC 2016

# NUCLEAR PHASEOUT CONGRESS

Monday 21<sup>st</sup> March 2016, Zurich

SCHWEIZERISCHE ENERGIE-STIFTUNG  
FONDATION SUISSE DE L'ENERGIE



# NUCLEAR PHASEOUT CONGRESS

Monday, 21<sup>st</sup> March 2016 – Kongresshaus (Gartensaal), Claridenstr. 5, Zurich

Application and further information: [www.energiestiftung.ch/npc16/en](http://www.energiestiftung.ch/npc16/en)

## Switzerland is getting out

In view of the catastrophe in Fukushima, the Swiss parliament and government have decided in principle on the phasing out of nuclear energy. The building of new nuclear power stations is to be prohibited by law.

## Even so, nuclear power stations continue to operate

To date, the politicians have failed to deal with the end of life of the existing five Swiss nuclear power stations by specifying fixed shutdown dates. The reactors are to continue to operate until they are shut down for safety reasons by the nuclear supervisory authorities.

## The nuclear risk continues to rise

As the reactors age, the risk of accidents rises for the population. Age-induced defects are difficult to detect, upgrades are only possible to a limited extent and are costly.

## It's now up to the nuclear supervisory authority to react

Ancient reactors, cash-strapped operators and weak legislation exacerbate the security situation. The challenge to safely decommission the world's oldest reactor population is on the increase.

## We ask:

- What are the risks when operating old reactors?
- Where are the boundaries for the nuclear supervisory authorities?
- What are the obligations where government policy is concerned?
- How do we design and finance the end of life of nuclear power stations?
- What is happening globally with nuclear power?

## Speakers:



**Simone Mohr**  
Institute for Applied Ecology  
Darmstadt



**Hans Wanner**  
Director ENSI



**Gregory Jaczko**  
Fmr. Chairman  
US Nuclear Regulatory Commission



**Jürgen Trittin**  
Fmr. German Federal Minister for the Environment



**Naoto Kan**  
Japanese Prime Minister during Fukushima



**Oda Becker**  
Physicist



**Mycle Schneider**  
Independent International Energy Consultant



**Yves Marignac**  
Director WISE-Paris



**Beat Bechtold**  
Director Nuklearforum Switzerland



**Horst-Michael Prasser**  
Professor ETH nuclear energy

## Program

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Presentation: Catherine Boss (SonntagsZeitung) / Felix Nipkow (SES)  
Congress languages German/English, simultaneous translation

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08:30 Reception with coffee

09:15 Welcome SES

### **Block I: Dealing with old reactors**

09:20 **Assessment of nuclear power station safety is subjective**

Oda Becker, physicist

09:45 **Nuclear power station safety margins: Increasing risk after 40 years of operation**

Yves Marignac, Director WISE-Paris

10:10 **Ultrasound signals in the reactor pressure vessel of Beznau 1**

Simone Mohr, Senior Researcher Nuclear Technology, Institute for Applied Ecology Darmstadt

10:35 **Boundaries for the nuclear supervisory authorities and obligations where government policy is concerned.**

Gregory Jaczko, former Chairman of the US Nuclear Regulatory Commission

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11:05 Coffee break

11:35 **Dealing with increasingly old reactors**

Hans Wanner, Head of the Swiss Federal Nuclear Safety Inspectorate ENSI

12:00 Panel: Oda Becker – Gregory Jaczko – Yves Marignac – Hans Wanner

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12:45 Lunch break

### **Block II: The future for the nuclear power industry**

14:00 **Nuclear industry worldwide: Revival or geriatric care?**

Mykle Schneider, Independent International Energy Consultant

14:30 **For an end to the terror – the phasing out of nuclear energy in Germany**

Jürgen Trittin, Member of the Bundestag, former German Federal Minister for the Environment

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15:00 Break

15:30 **Five years after Fukushima – Why Japan should phase out nuclear energy**

Naoto Kan, Member of the Japanese House of Representatives, Prime Minister during Fukushima

16:15 Panel: Jürgen Trittin – Mykle Schneider – Beat Bechtold – Horst-Michael Prasser

17:00 Closing remarks SES

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17:15 Ende of the congress

*Subject to change*

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## The organizer

For 40 years, the Swiss Energy Foundation (SES) has been involved in ensuring an environmentally safe energy policy for human requirements. It looks at ways with which Switzerland can become independent from the disastrous dependence on a fossil fuel-nuclear based energy supply. SES is politically independent and is financed by private donations.

## Congress associates



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