

CHORNOBYL +20 REMEMBRANCE FOR THE FUTURE

International Conference, 23-25 April 2006, House of the Teacher, Volodymyrska 57, Kyiv / Ukraine

„Chornobyl is a word we would all like to erase from our memory. It [opened] a Pandora's box of invisible enemies and nameless anxieties in people's minds, but which most of us probably now think of as safely relegated to the past. Yet there are two compelling reasons why this tragedy must not be forgotten. First, if we forget Chornobyl, we increase the risk of more such technological and environmental disasters in the future. Second, more than seven million of our fellow human beings do not have the luxury of forgetting. They are still suffering, every day, as a result of what happened 14 years ago. Indeed, the legacy of Chornobyl will be with us, and with our descendants, for generations to come."

Kofi Annan, April 2000

On the occasion of the 20th anniversary of the Chornobyl nuclear disaster, the Heinrich Böll Stiftung (Berlin), Ecoclub (Rivne, Ukraine), The Greens/EFA in the European Parliament, the Nuclear Information and Resource Service (Washington, DC), the World Information Service on Energy (Amsterdam), IPPNW (Germany) and Bündnis 90/DIE GRÜNEN (Germany) are inviting independent scientists, environmentalists, non-governmental organizations and sustainable energy experts from all over the world for the international conference „Chornobyl + 20 – Remembrance for the Future“ to take place in Kyiv/Ukraine on April 23-25.

The conference will focus on three areas: First, the ongoing catastrophe of Chornobyl and its continuing consequences, including the release of a new study which reviews and analyzes the recently published report of the IAEA and WHO; second, the continuing safety, economic, proliferation and other problems posed by nuclear power generally; and third, the development of a roadmap to a sustainable energy future.

It is the aim of the conference to bring analysts and activists and a broad public audience together for a new examination of the 1986 Chornobyl accident's continuing health, social and economic consequences and to draw new attention to the promise and need to implement sustainable energy technologies.



Programme*

SUNDAY 23 APRIL 2006

15:30 – 16:00 Registration

16:00 NASAD DO NOVOHO MYSLENNJA - BACK TO A NEW WAY OF THINKING

Welcome

Rebecca Harms – Member of the European Parliament, Germany **confirmed**

Tanya Murza – Ecoclub, Ukraine **confirmed**

16:45 Speech

Lina Kostenko – Lyricist, Kyiv, Ukraine

Yury Andruhovych – Poet, novelist and essayist, Ukraine

MONDAY 24 APRIL 2006

8:30-9:00 Registration

9:00-9:20 Welcome

Ralf Fücks – Board of Directors, Heinrich Boell Foundation, Germany **confirmed**

Tetyana Murza – Ecoclub, Ukraine **confirmed**

Michael Mariotte – Nuclear Information and Resource Service, USA **confirmed**

9:20-10:00 Opening Speech

Prof. Dimitry Hrodzynsky, National Commission on the radioactive protection of the people of Ukraine, Ukraine **confirmed**

Renate Künast - Floor Leader, Alliance 90/The Greens, National Parliament, Germany **confirmed**

10:00-11:45

Panel I: CHORNOBYL HEALTH CONSEQUENCES

On September 5th 2005, the IAEA and WHO jointly released the report "Chornobyl's Legacy: Health, Environmental and Socio-Economic Impacts" which stated inter alia: „As of mid-2005 ... fewer than 50 deaths had been directly attributed to radiation from the disaster.....” The IAEA/WHO report sparked widespread censure from radiation experts in the region and the rest of the world who criticized the IAEA and WHO for underestimating the real consequences of the Chornobyl disaster. In reaction to the IAEA/WHO report, new independent studies were commissioned on the health and environmental consequences of the Chornobyl catastrophe. The findings of these studies will be contained in an independent scientific report “20 Years After Chornobyl: The Opposition Report“ („TORCH“), to be presented to this panel and the Conference. The TORCH report evaluates the environmental and health impacts of Chornobyl from the point of view of independent scientists, and comments on the many scientific limitations of the IAEA/WHO reports.

Speakers

Dr. Ian Fairlie, Independent Consultant on Radiation in the Environment (presentation of the study), United Kingdom **confirmed**

Prof. Dimitry Hrodzinsky, National Commission on the radioactive protection of the people of Ukraine, Ukraine **confirmed**

Chair

Prof. Alexey Yablokov – Chairman of political party “GreenRussia”, Russia **confirmed**

11:45-12:00

Coffee break

12:00-13:30

Workshops I

The Workshop I topics are organized according to the structure of the TORCH Project. The aim of the workshops is to analyze the specific issues beyond the analysis provided through the TORCH Project on the basis of a Keynote introductory overview and an additional topical presentation.

Workshop I A: Environmental Impact and Status of Reactor Site

How much radioactivity has been released during the accident? What are the environmental consequences? What is the status of the site, including the three other forgotten shut-down units and large amounts of spent fuel and wastes?

Speakers

Dr. Ed Lyman, Senior Staff Scientist in the Global Security programme, Union of Concerned Scientists (UCS), USA **confirmed**

Dr. Gerald Kirchner, German Ministry for Radiation Protection, Germany **confirmed**

Chair

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Workshop I B: Collective and Individual Dose Evaluations

How many people were and continue to be exposed to how much radiation? This includes internal and external exposure.

Speakers

Prof. Keith Beverstock, Department of Environmental Sciences, University of Kuopio, Finland, United Kingdom **confirmed**

Chair

Dr. Ian Fairlie, Independent Consultant on Radiation in the Environment (presentation of the study), United Kingdom **confirmed**

Workshop I C: General State of Health After Chernobyl

Is there a decline of the general health condition of the people, in particular in the areas severely affected by fallout but not evacuated?

Speakers

Angelika Nyagu, Neurology Department, Institute of Clinical Radiology, Scientific Center for Radiation Medicine, Academy of Medical Sciences of Ukraine, Ukraine **confirmed**

Alex Kuzma, Children of Chernobyl Relief Fund, Ukraine **confirmed**

Chair

Anna Golubovska-Onisimova – President, Mama 86, Ukraine **confirmed**

Workshop I D: Different Kinds of Cancer

What is the development pattern of the morbidity rates of thyroid cancer, leukemia and other cancer types?

Speakers

Dr. Carmel Mothersill, Radiation and Environmental Science Center, Ireland **confirmed**

Prof. W. Köhnlein, Institute for Radiation Biology, Germany **confirmed**

Chair

Adi Roche, Children of Chernobyl, Ireland **confirmed**

Workshop I E: Non-Cancer Effects

Forgotten dimensions: What is the development pattern of cardiovascular diseases and other non-cancer effects, hereditary effects, and psycho-social effects?

Speakers

Dr. Yury Bandazhevski, Belarus

Oksana Garnets, UNDP, Ukraine **confirmed**

Chair

Dr. Angelika Claussen, IPPNW, Germany **confirmed**

13:30-15:00

Lunch Break (lunch provided at the House of the Teacher)

15:00-16:30

Panel II: Nuclear energy today – “opinions, myths and facts”

The nuclear industry and its supporters are increasingly confident that nuclear power has a future. Two reasons are used for the reconsideration of nuclear energy: Security of supply and climate concerns.

Which fundamental risks are adjunctive with the use of nuclear power (age, reprocessing, nuclear waste treatment, risk of terrorist attacks, possible proliferation)? Has the development of new technology increased security of nuclear power plants? Can the use of nuclear power actually ensure that nuclear technology can not be (ab)used for military purposes

Speakers

Antony Froggatt: Global perspectives for nuclear power (including "nuclear reactor hazards"), Independent European Energy Consultant, United Kingdom **confirmed**

John Large, Large and Associates, London Advantages and weaknesses of reactor generations III and IV, United Kingdom

Satu Hassi, Member of European Parliament, Finland **confirmed**

Shaun Burnie, Greenpeace International: Dangers of nuclear reprocessing, nuclear waste and proliferation, United Kingdom **confirmed**

Chair

Dr. Felix Matthes, Coordinator Energy & Climate Protection Division, Eco-Institute, Germany

16:30-17:00

Coffee Break

17:00-18:00

Workshops II

Workshop II A: Nuclear Economics

Does the use of nuclear power contribute to a sustainable supply-security of energy as well as energy-independence?

Speakers

Yury Urbansky, Bankwatch, Ukraine **confirmed**

Steve Thomas, Senior Research Fellow at the Public Services International Research Unit, University of Greenwich, London, United Kingdom **confirmed**

Chair

Andrzej Kassenberg, Director of Institute for Sustainable Development (Poland)

Workshop II B: Nuclear Wastes and Nuclear Reprocessing

Some nuclear waste will remain dangerous for hundreds of thousands of years. As a consequence, the public remains concerned, as do politicians, about the future of nuclear power. Consideration must be given to a number aspects of nuclear waste

Speakers

Kevin Kamps, NIRS, USA **confirmed**

Sergiy Kurykin, Head of Public Collegium within State Committee for Nuclear Regulation, Ukraine **confirmed**

Detlef Appel, PanGeo – Geowissenschaftliches Büro, Germany **confirmed**

Chair

Vladimir Chuproff, Greenpeace Russia, Russia **confirmed**

Workshop II C: Nuclear Proliferation

Speakers

Alexander Nikitin, Bellona, Russia **confirmed**

Regina Hagen, International Network of Engineers and Scientists against Proliferation (INESAP), Germany **confirmed**

Dr. Abdul Hameed Nayyar, SDPI, Pakistan **confirmed**

Chair

Reiner Braun, International Network of Engineers and Scientists for Global Responsibility, Germany **confirmed**

Workshop II D: Nuclear Power in Eastern Europe

Speakers

Ada Amon, Energia Klub (Budapest), Hungary **confirmed**

Andriy Martynyuk, Director, Ecoclub, Ukraine **confirmed**

Chair

Vladimir Sliviyak, Ecodefense, Russia **confirmed**

Workshop II E: Nuclear Power and Global Energy Equity

Speakers

Mashile Phalane, Earthlife Africa, South Africa **confirmed**

Ilya Popov, Social Ecological Union Moscow, Russia

Chair

Marcelo Furtado, Greenpeace, Brazil

18:00-19:00 *Break*

19:00–20:30 Debate: Energy Policy Beyond Nuclear Ambitions: Linking Visions With Reality

In view of increasing oil prices, growing energy demand of upcoming industrial countries as well as the threat of climate change, the global discussion on energy policy intensified during the last months. In countries across the world, the debate on the extension of nuclear energy is being revitalised as can be seen not only in Eastern Europe, but also from EU-countries such as Czech Republic, Poland and Slovakia, and the U.S., China, India and elsewhere. Due to the economic agreement between Germany and Russia on the construction of a gas pipeline in the Baltic Sea (September 2005) and after the Russian-Ukrainian quarrel on gas delivery (beginning of this year) the nuclear lobby of the region was strengthened. Even in Ukraine, the country which suffered most from the consequences of the Chornobyl catastrophe, energy policy focuses on the extension of nuclear power. The construction of twenty-two new nuclear reactors by 2030 is proposed in the current energy strategy for Ukraine. Early commissioning of the two reactors at the Khmelnytsky NPP is planned.

In 1986, the Chornobyl catastrophe kicked off both the environmental and the democracy and independence movement in Ukraine. Paradoxically, in the context of energy dependency from Russia, low energy efficiency and the need to secure jobs and supplies, debates for alternative policies are yet to be rooted.

- How is energy-policy in Ukraine and other Eastern European countries characterized?
- Which significance does it have for democracy, transparency and political independency?
- Which frame conditions both in politics and society are necessary to initiate energy-policy alternatives?

How can the EU, EU-member states and other nations influence and support policies towards alternatives?

Speakers:

Vladimir Usatenko, expert of the National Commission on the Radioactive Protection of the People of Ukraine, former member of the Ukrainian parliament, Ukraine **confirmed**

Leonid Grigoriev, Institute for Energetics and Finances, Russia

Dr. Heiko Pleines, Scientific Institute for Eastern Europe Bremen, Germany

Valeriy Chaly, Ukrainian Center for Economic and Political Studies Olexander Razumkov, Ukraine

Chair:

Jens Siegert, Director of Heinrich Boell Foundation, Moscow office, Germany

Reception for Speakers

Keynote addresses

Katrin Goering Eckardt, former floor leader of the greens and now vice president of the German Bundestag, Germany **confirmed**

Monica Frassoni, co-spokesperson of the Greens/EFA of the European Parliament, Italy **confirmed**

TUESDAY 25 APRIL 2006

8:30-9:00

Registration

9:00-10:30

Panel III: Roadmap to a Sustainable Energy Future

Energy economics, security of supply as well as the risks of global warming and nuclear disasters represent the major orientation marks for a pathway towards a sustainable energy future. Renewable energy sources as well as energy efficiency will play major roles in strategies for a sustainable energy future. Which role does the world-wide development of renewable energy, as well as efficiency-strategies play? What examples for successful application of alternative strategies do exist? Which energy-strategies are discussed today in Eastern-European countries, specifically in Ukraine, Belarus and Russia? What impact do EU strategies have on it's member countries and neighbors? What examples for successful application of alternative

Speakers

Hunter Lovins, Natural Capitalism, USA **confirmed**

Reinhard Loske, MdB, Germany **confirmed**

Yu Jie, Greenpeace, China **confirmed**

Stefan Kohler, DENA, Germany **confirmed**

Chair

Sascha Müller Kraenner, Heinrich-Böll-Foundation, Germany **confirmed**

10:30-11:00

Coffee Break

11:00-12:30

Workshops III

Workshop III A: Clean Energy Alternatives: Why Nuclear Power is no solution for Tackling Climate Change

Speakers

Felix Matthes, Eco-Institute, Germany

Antoine Bonduelle, INESTENE Paris, France

Dr. Camilla Bausch, Ecologic, Germany

Chair

Herrmann Ott, Wuppertal Institute for Climate, Environment and Energy, Germany

Workshop III B: Sustainable Energy Roadmap for Ukraine

Speakers

Andriy Konechenkov, Renewable Energy Agency, Ukraine **confirmed**

Ken Bossong, Ukrainian-American Environmental, USA **confirmed**

Dr. Ferdinand Pavel, IER (Kiev) and DIW (Berlin) on "The status quo of the Ukrainian energy sector"

Chair

Prof. dr. hab. Adam Gula, the AGH-University of Science and Technology in Krakow, Faculty of Fuels and Energy, Poland **confirmed**

Workshop III C: International potential and strategies of renewable energy

Speakers

Hans-Josef Fell, spokesperson on Energy Policy, Alliance 90/The Greens, Germany **confirmed**

Ed Smeloff, Sharp Electronic Corporation, Former chief of San Francisco Public Utility Commission, Sacramento, Municipal Utility District, USA **confirmed**

Chair

Steve Sawyer - Greenpeace International **confirmed**

Workshop III D: Energy Efficiency

Speakers

Prof. Victoria Vereshchak, Dnepropetrovsk University, Ukraine **confirmed**

Andriy Martynyuk, Head, Ecoclub, Ukraine

Suzanne Hunt, Worldwatch Institute, USA

Chair

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Workshop III E: Sarcophagus and Shelter

Speakers

Vladimir Usatenko, expert of the National Commission on the Radioactive Protection of the People of Ukraine, former member of the Ukrainian parliament, Ukraine **confirmed**

Yury Urbansky, Bankwatch, Ukraine **confirmed**

Chair

Dr. Helmut Hirsch, Scientific Consultant for Nuclear Safety and Risk Research **confirmed**

12:30-13:30

Concluding Discussion

Ralf Fücks, Board of Directors of Heinrich Boell Foundation, Germany **confirmed**

Denis Hayes, Chair (and founder) of Earth Day, USA **confirmed**

Anna Golubovska-Onisimova, President, Mama-86, Ukraine **confirmed**

13:30-15:00

Lunch break (lunch provided at the House of the Teacher)

15:00-16:30

PRESS-CONFERENCE

15:00-16:30

NGO-Networking Session

PARALLELY

Facilitation: Antony Froggatt (United Kingdom) and Michael Mariotte(USA)

16:30-16:45

Coffee

16:45 – 18:00

NGO-Networking Session

Facilitation: Antony Froggatt(United Kingdom) and Michael Mariotte(USA)

*** speakers in the programme who are not marked as conformed have been/are being invited. Many have informally already agreed on participation. "NN" means that a speaker has recently declined.**

Venue: House of Teachers, Volodymyrska 57, Kyiv

Information: Tetyana Murza, tanyam@nirs.org, +380-97-595-2346

Conference languages: English, Ukrainian and Russian. All plenary sessions with simultaneous interpretation to all languages, workshop with standard interpretation.

Steering Committee: Agnieszka Rochon, *Heinrich-Böll-Stiftung-Warsaw*, Tetyana Murza, *Ecoclub*, Michael Mariotte, *NIRS*, Peer de Rijk, *WISE-Amsterdam*, Rebecca Harms, *The Greens/EFA in the European Parliament*, Yury Urbansky, *National Ecological Center of Ukraine*, Anna Golubovska-Onisimova, *Mama-86*, Vladimir Sliviyak, *Ecodefence*, Tobias Muenchmeyer, *Greenpeace*, Angelika Claussen, *IPPNW*