



Low Carbon Societies Network Seminar: *Phase out of Fossil Fuels: Proposals for UK, Germany, France, and Hungary*

**Venue: The New Training Center WISE at the
Centre for Alternative Technologies (CAT), Wales, UK**

Date: October 5, 2010, 9.00 - 17.30 (Final version 30 Sept)

A seminar to discuss how we can turn the electricity sector away from fossil fuels, based on scenarios and proposals for four countries.

9.00 Opening of the seminar

9.00-10.00 Chair: Mark Bossanyi

Key Issues for an Energy Transition (Low Carbon Societies Network Project¹)

- **How the models make the results: brief overview of the main types of models used for energy scenarios and what the choice of model do to the result**
By Ruben Bibas, CIRED, France
- **Making plans with stakeholders: how to involve stakeholders in an equitable way when developing scenarios and strategies**
By Meike Fink, Climate Network France and Jan Burck, Germanwatch

10.00-12.30 Chair: Mark Bossanyi

The Four Proposals for Turning Down Fossil Fuels in Electricity

The presentations will deal with critical issues such as:

How can the transition look like for the four countries?

How to manage 100% renewable energy every hour of the year? What will it cost?

Can we save power and can we make power available to replace fossil fuels for transport and efficient heating? Two proposals are made with macro-economic models (France, Germany), two are made with bottom-up models (Hungary, UK)

10.00-10.15 **Introduction: Comparison of the Current Situation in Each Country**

By Jan Burck, Germanwatch

10.15-10.30 Coffee/tea break

¹ **Low Carbon Societies Network Project** is an EU FP7 supported project uniting Climate Action Network France, INFORSE-Europe (International Network for Sustainable Energy), Germanwatch and the two research institutions CIRED (Centre International de Recherche sur l'Environnement et le Développement) and PIK (Potsdam Institute for Climate Impact Research). Read more on www.lowcarbon-societies.eu

10.30-12.30 **Proposals for four Countries: For Each Scenario**

- **France:** The costs of phasing out fossil fuels, with and without nuclear, the impact of the global development on national choices. *By Ruben Bibas, CIRED*
- **Germany:** Transition with or without CCS in a "coal" country. *By Brigitte Knopf, PIK,*
- **UK:** Zerocarbonbritain, fossil free in 20 years. *By Paul Allen, CAT*
- **Hungary:** Fossil and Nuclear Free. *By Bela Munkácsy, ELTE University/KNHOE*

- *Discussion*

12.30 - 13.15 Lunch

13.15 - 14.00 Visit to CAT local power control room and combined heat and power unit

The Actual German Nuclear Debate (14.00-14.45)

- **How scenarios are used in the actual German debate of life-time extension of nuclear power; critical comment on how a scientific scenario work has been used and misinterpreted for political reasons.** Short discussion at the end
By Jan Burck and Brigitte Knopf

Developing the Lowcarbon Societies Network (14.45-15.30)

- **How to communicate low-carbon scenarios and strategies? Lessons from the ZeroCarbonBritain.**
By Stephan Murphy, communication officer of CAT
- **Existing networking in low-carbon scenario and strategy building- overview and discussion.** *By Gunnar Boye Olesen, INFORSE-Europe*
- **The next steps in the development of the Low Carbon Societies Network, overview of plans, proposals from participants..** *By Project Team*

15.30 - 15.45 Coffee/Tea

Transition of the Electricity Sector in Germany, France, UK and Hungary (15.45-17.30)

Interactive Roundtable: Main actors, stakeholders, issues and obstacles for a low carbon future.

This will involve everybody to discuss and as far as possible conclude on key issues for the transition, how to take them into account in each country, main national differences and similarities, how to influence decision-making in the electricity sector - from NGOs and research perspectives, impacts of the European policy.

On the roundtable will be: *Presentations from France, Germany, Hungary, and the UK.*

Moderator: *Kim Bryan, Center for Alternative Technology (CAT), media officer*

17.30 End of seminar, practical

18.00 Dinner

Low Carbon Societies Network: <http://lowcarbon-societies.eu/index.php?id=42>