

Drivers for Change towards a Low-Carbon Energy SectorWednesday 5 November
Huys Clingendael, The Hague**General Description**

The present energy sector will have to undergo drastic changes within the timeframe of several decades. Climate change is now often seen as the main driver for change, but there are more reasons why the present global energy situation is not stable: security of supply, depletion of fossil fuel sources and the fact that many poor people in developing countries lack access to modern energy sources are other important drivers for change.

International politics and economic interests play a crucial role in the global energy transition. They simultaneously hinder and stimulate the transition process. This training course aims to give participants insight into the complex role of international politics and economy in a global energy transition.

Topics

Key topics to be covered in this training are:

- **The present global energy sector.** What does it look like? How did it come about? What are overall energy policy objectives? What is the role of national and international actors? What are key trends for the future?
- **The politics of climate change.** What are key elements of the Kyoto protocol? How could a successor to this protocol look like? Which positions do various actors in the negotiations have? What options are there if negotiations fail?
- **The politics of fossil fuels.** What are specifics of the oil, gas and coal markets? What is the size of global reserves? Which role can the so-called 'unconventionals' play? What are technical possibilities to clean-up the use of fossil fuels?
- **The politics of energy innovation.** What options are there beyond fossil fuels? What is their present technical and economic status-quo? How does energy innovation work? What is the role of policy and politics in energy innovation?
- **Business perspective on energy and climate.** What are specific problems of international enterprise regarding climate change? What chances and dangers does a global energy transition provide for business?

Participants in the module will:

- Get an overview of the present global energy sector and trends for the future;
- Get to know about possible 'energy transition' solutions, hurdles and limitations;
- Find out about the complex role of geopolitics and international economy in the transition to a low-carbon energy sector.

Date and Venue

Wednesday 5 November at Huys Clingendael, Clingendael 7, The Hague, The Netherlands. The venue is the home of the Netherlands Institute of International Relations Clingendael. It is located in a Manor House situated in a park on the outskirts of The Hague. Huys Clingendael can be easily reached by public transport or car. Paid parking facilities are available near the Clingendael park.

Costs

EUR 495, including refreshments, lunch and learning materials. A discount will be given to participants registering for more than one module.

To apply

If you wish to register for this module, please download the enrolment form and send it by email to energytraining@clingendael.nl. For any further information, please call Mr Stephan Slingerland, +31 (70) 37 46 615

Programme

Drivers for Change towards a Low-Carbon Energy Sector

Wednesday 5 November
Huys Clingendael, The Hague

09h00	Welcome coffee	
09h30	Welcome and introduction <ul style="list-style-type: none"> ▪ Who is who ▪ About CIEP and CIEP's Energy Training Programmes 	Lucia van Geuns Deputy Director CIEP
10h00	Drivers for change in the present energy sector <ul style="list-style-type: none"> ▪ Key features of the present energy sector ▪ Global energy transition and international politics ▪ Challenges for the future 	Lucia van Geuns
10h45	Refreshments	
11h00	EU Energy and Climate Policies <ul style="list-style-type: none"> ▪ EU energy policies ▪ The EU green package 2008 ▪ EU and other energy and climate actors 	Stephan Slingerland Senior Researcher CIEP
12h00	The Road to Copenhagen 2009 <ul style="list-style-type: none"> ▪ The Kyoto process and Copenhagen 2009 Conference ▪ The role of various actors ▪ What if no new agreement can be obtained 	Maas Goote VROM Dutch Ministry of Environment; EU Chief Climate Negotiator
13h00	Lunch	
13h45	Copenhagen negotiations simulation <ul style="list-style-type: none"> ▪ Participants represent one of the key actors in the Copenhagen Climate Conference 2009 ▪ Assignment is to reach consensus on a final declaration of the conference addressing some key issues 	Participants
14h45	Refreshments	
15h00	Discussion with expert panel <ul style="list-style-type: none"> ▪ Presentation of negotiation outcomes by participants ▪ Underlying factors for positions of actors ▪ Other questions 	Participants, chaired by Lucia van Geuns
16h00	Energy and Climate Change: A Business Perspective <ul style="list-style-type: none"> ▪ Shell as a global energy actor ▪ Its activities in low-carbon energy sources ▪ Global Energy Scenarios 	Ewald Breunese Shell
17h00	Wrap-up session <ul style="list-style-type: none"> ▪ Evaluation of today's training programme 	Lucia van Geuns / Stephan Slingerland
17h15	Drinks	