



The Association for the Study of Peak Oil & Gas

Conference Program

9th International ASPO Conference
27 - 29 April 2011, Brussels

+ extra events April 26 Walloon Parliament

May 03 European Parliament



Avec le soutien de



Wallonie



Program Walloon Parliament Meeting Tuesday April 26

09:30 - 10:00 Opening

Welcome Remarks

Ms. Emily Hoyos, President of the Walloon Parliament

Introduction

Mr. Michel Lebrun, President of the “*Peak Oil & Gas Committee*” of the Walloon Parliament

10:00 - 12:45 What role for R&D in addressing Peak Oil?

How to valorize research on the effects of Peak Oil for urban planning?

Susan Krumdieck, University of Canterbury, New Zealand

An analysis of the effects of Peak Oil on the Walloon territory

Thierry Bréchet, Université catholique de Louvain, Belgium

Discussion and Q&A

11:30 - 11:45 Coffee Break

Debating Scarcity: Critical Social Science meets Peak Oil

Gavin Bridge, University of Manchester, United Kingdom

Discussion and Q&A

12:45 - 14:15 Lunch Break

14:15 - 15:45 Peak Oil and Finance

Is Growth Sustainable with Triple Digit Oil Prices?

Jeff Rubin, Author and Former Chief Economist, Canadian Imperial Bank of Commerce

Discussion and Q&A

Potential Impacts of Peak Oil on Financial Markets

Erik Townsend, former CEO Cushing Group, Private Investor

Discussion and Q&A

15:45 - 16:00 Conclusions



Program Brussels Conference Wednesday April 27

08:00 - 09:00 **Registration of Participants - Coffee and Tea**

09:00 - 09:30 **Opening of the Conference**

Welcome Remarks

Paul Hohnen, Conference Facilitator

Introduction - ASPO and the Second Half of the Oil Age

Colin Campbell, ASPO Honorary Chairman & Jean Laherrère, co-founder of ASPO

Conference Welcoming Address

Philippe Henry, Belgian Minister of Environment, Spatial Planning, and Mobility of the Walloon Region

09:30 - 12:30 **Global Overview on Oil, Gas, & Coal Supplies**

The ASPO Perspective on Fossil Fuels

Kjell Aleklett, Professor at Uppsala University, Sweden, President of ASPO

Title Pending

Pierre Mauriaud, TOTAL

Discussion and Q&A, Speakers + Panel Contributor Colin Campbell, Honorary Chairman of ASPO

10:50 - 11:20 **Coffee Break**

Climate Change and Fossil Fuel Depletion

Jean-Pascal van Ypersele, Professor at Université Catholique de Louvain, Vice-Chair IPCC

Discussion and Q&A, Speakers + Panel Contributor Colin Campbell, Honorary Chairman of ASPO

12:30 - 13:30 **Lunch Break**

13:30 - 15:30 **Natural Gas Supply**
(Albert Hall Room)

The growing role of Non-Gazprom Producers in Russia to 2030 - James Henderson, Lambert Energy Advisory, Oxf. Institute of Energy Studies

Russia and Norway: Natural Gas Prospects & Modeling Approaches - Bengt Söderbergh and Kristofer Jakobsson, Global Energy Systems Group Uppsala University, Sweden

The Energy Return on Investment of Norwegian Oil & Gas - Leena Grandell, Independent Energy Analyst, Norway

Caspian and Middle East Natural Gas: Trade, Geopolitics, and International Politics - Mert Bilgin, Bahçeşehir University, Turkey

Discussion and Q&A - Speakers + Jean Laherrère

13:30 - 15:30 **Alternative Energy Sources**
(Chaplin Room)

The Energy Report: 100% Renewable Energy by 2050
Yvonne Deng, consultant at Ecofys, UK

Policies for a Full Scale transition to Renewable Energy, Aviel Verbruggen, Professor at University of Antwerp

EU Energy and Climate Policy towards 2050
Jørgen Henningsen,
Senior Advisor at European Policy Centre

Discussion and Q&A

15:30 - 16:00 **Coffee Break**

Program Brussels Conference Wednesday April 27

16:00 - 18:00 Frontier Fossil Fuels
(Albert Hall Room)

Subsalt and Deepwater Oil Developments

Jean-Marie Masset,
Former Senior VP Geoscience TOTAL

The Economic Prospects for Shale Gas

Jean-Marie Bourdaire, advisor of Cheniere Energy,
Former Director at IEA, Former Director at WEC

**The Global Growth of Underground Coal
Gasification, with specific reference to Europe**

Marc Mostade, Technical Director Clean Coal, Ltd,
Advisory Council UCG Association

Discussion and Q&A - Speakers + Panel Contributor

Arthur Berman, Labyrinth Consulting Services,
Director ASPO USA, Editor The Oil Drum

16:00 - 18:00 The European Electricity Grid
(Chaplin Room)

**Integration of Renewable Energy Sources in the
European Electricity Grid**

Henrik Lund,
Professor at Aalborg University, Denmark

**Impact of Renewable Energy Penetration on the
Feasibility, Security, Costs of the Electricity System,**

Erik Delarue, Researcher at Foundation Flanders
(FWO) at Catholic University Leuven

Progress in Electrical Energy Storage Systems

Yulong Ding, Professor at the Institute of Particle
Science & Engineering, University of Leeds,
United Kingdom

Discussion and Q&A

18:00 - 18:25 Plenary Report Back in Albert Hall Room & Closing Address of Day 1
Paul Hohnen, Conference Facilitator



Program Brussels Conference Thursday April 28

08:00 - 09:00 **Registration of Participants - Coffee and Tea**

09:00 - 10:30 **Long Term Perspectives on Energy & Industrial Civilisation**

Effects of Triple Digit Oil Prices on the Economy

Jeff Rubin, Author and Former Chief Economist, Canadian Imperial Bank of Commerce

The Energy Costs to Produce Energy and Economic Growth

David Murphy, Researcher at State University of New York

Discussion and Q&A, Speakers + Panel Contributor

Douglas Reynolds, Professor at University of Alaska Fairbanks, United States

10:30 - 11:00 **Coffee Break**

11:00 - 12:40 **Short Term Oil Market & Economic Developments**

Scenarios for Peak Oil Confronted by a Global Crisis

Jean-Luc Wingert, ASPO France & Symbioz Development

Is this Peak Oil? An update on Supply, Demand and Capacity

Chris Skrebowski, Peak Consulting

Crude Oil Price Forecasts and Investment/Hedging Strategies

Erik Townsend, former CEO Cushing Group, Private Investor

Discussion and Q&A

12:40 - 13:40 **Lunch Break**

13:40 - 15:40 **Energy and Agriculture**
(Albert Hall Room)

Energy Efficiency of Different Agricultural Systems

Tiziano Gomiero, Contract Researcher at the University of Padova, Spain

Towards a Truly Sustainable Agriculture

Wes Jackson, President of the Land Institute, Kansas, United States

Potential of the development of biobased products in Europe - Jean-Luc Wertz, Valbiom, Gembloux Agro-Bio Tech, Researcher at Université de Liège

Discussion and Q&A

13:40 - 15:40 **European Energy Policy**
(Chaplin Room)

Peak Oil, Climate Change, and Energy Policy

Euan Mearns, Honorary Research Fellow University of Aberdeen, Editor of The Oil Drum

Mobility after Peak Oil in Europe

Jörg Schindler, Researcher Energy Watch Group, ASPO Germany

Material Scarcity and its Effect on Energy Solutions

Derk Bol, Program Manager, Materials Innovation Institute M2i

Discussion and Q&A

15:40 - 16:10 **Coffee Break**

Program Brussels Conference Thursday April 28

16:10 - 18:00 Agriculture and Oil Markets
(Albert Hall Room)

Oil, Agriculture, and the Long Term Price of Food

Christian Anton Smedshaug,
Senior Advisor Norwegian Farmer's Union

Interlinkages between Energy and Agricultural Markets

Geert Woltjer, Researcher at Wageningen University,
Agricultural Economic Institute, Netherlands

Title to be Announced

Alex Evans, Non-Resident Fellow at the Center
on International Cooperation (CIC) at
New York University, United States

Discussion and Q&A - Speakers + Panel Contributor

René Poismans,
Ministry of the Walloon Region, DG Agriculture

16:10 - 18:00 Energy, Transport & Materials
Modelling (Chaplin Room)

**Modelling Costs and Material Requirements
for Solar Energy**

Niels van Loon, Researcher TNO
Industrial Innovation, Solar

**Oil Market & Oil Resources - A long term view with
the World Energy Model Poles**

Alban Kitous, Senior Consultant, Head of Forecasting
Studies Enerdata

**Impacts of high oil prices on Transport and
the European Economy**

Michael Krail, Researcher at Fraunhofer Institute for
Systems and Innovations Research ISI

Discussion and Q&A + Panel Contributors

Susan Krumdieck, Associate Professor,
University of Canterbury, New Zealand

Dominique Gusbin, Director of the Team Energy and
Transport at the Belgian Federal Planning Bureau

18:00 - 18:25

Plenary Report Back in Albert Hall Room & Closing Address of Day 2
Paul Hohnen, Conference Facilitator



Program Brussels Conference Friday April 29

09:00 - 10:50 Oil Export Changes and Energy Policy

Oil Export Changes and their Effects on Oil Producing Countries

Paul Stevens, Professor Emeritus at University of Dundee, Senior Research Fellow Chatham House

The Impending World Energy Mess and its Implications

Darren Bezdek, MISI Director of Energy Studies, United States

Discussion and Q&A

10:50 - 11:15 Coffee Break

11:15 - 13:05 European Energy Policy in an Era of Expensive Oil

Peak Oil Policy Options for Australia

Bruce Robinson, Convenor ASPO Australia

A view from the European Parliament

Philippe Lamberts, Member of European Parliament, Chairman of the European Green Party

Better Understanding of Global Oil & Gas Peaks: The Role of Government

Roger Bentley, Researcher at Reading University, United Kingdom

Discussion and Q&A, Speakers + Panel Contributors

13:05 - 13:15 Closing Address on Future Recommendations

Paul Hohnen, Conference Facilitator
Patrick Brocorens, ASPO Belgium
Rembrandt Koppelaar, ASPO Netherlands

13:30 - 15:00 General Assembly of ASPO at the Albert Hall

ASPO members only (Universal Studios Room)

Program European Parliament Meeting Tuesday May 3rd

08:30 - 09:00 **Registration**

09:00 - 10:15 **Peak Oil Evidence and Peak Oil Activities in different EU Member States**

Welcome Remarks

Phillipe Lamberts, Member of European Parliament, Chairman of the European Green Party

Kjell Aleklett, President of ASPO, Head of the Global Energy Systems Group Uppsala University

Jeremy Leggett, UK Industry Taskforce on Peak Oil and Energy Security

Lord Ron Oxburgh, House of Lords, UK Parliament, Former Chairman of Shell

Michel Lebrun, Vice-President of the Belgian Walloon Parliament,
President of the “Peak Oil & Gas Committee” of the Walloon Parliament

10:15 - 10:45 **Coffee Break**

10:45 - 12:30 **The EU and Peak Oil: Analyses and Policy measures**

Chair: Hughes Belin (Energy Journalist)

EU Transport Policy and Peak Oil

Marjeta Jager, Director for General Policy, European Commission, DG Move

EU Energy Policy and Peak Oil

Jan Panek, Head of Unit “Coal and Oil”, European Commission, DG Energy

EU Agricultural Policy and Peak Oil

Tassos Haniotis, Director Economic Analysis Perspectives and Evaluations, European Commission, DG AGRI

Debate and discussion between Members of the European Parliament and Speakers

Conclusions: Claude Turmes, MEP, Group of the Greens/European Free Alliance in the European Parliament

