

Examining **European Energy Policy** And **Innovative And Alternative Energy** Options To Drive

EFFICIENT ENERGY USE



HIGH ENERGY PRICES.
SECURITY OF SUPPLY ISSUES.
CLIMATE CHANGE EVIDENT.

ENERGY EFFICIENCY REQUIRED.

- **POLICY:** Examining The Green Paper On Energy Efficiency and the wider European political agenda to enable understanding and compliance and to benefit the environment
- **COST:** Predicting the financial cost and expected return of installing energy-efficient techniques to promote implementation and deliver ROI
- **TECHNOLOGY:** Highlighting renewable and innovative energy technologies to overcome delivery challenges and integrate alternative energy options into your overall energy plan
- **AWARENESS:** Creating a market and society where all stakeholders strive for a low-energy economy

SECTOR FOCUS SESSIONS

❖ ELECTRICAL APPLIANCES ❖ TRANSPORT ❖ BUILDINGS

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GAIN INSIGHTS AND EXPERIENCES FROM A WIDE RANGE OF ENERGY EXPERTS:

Taisto Turunen, Director General,
Ministry of Trade and Industry,
Energy Department, **Finnish Presidency**



Philip J.I.W. Luyten, Environment Manager
(Kyoto Program & Legislative Review),

Total Petrochemicals TOTAL PETROCHEMICALS

Dr Stephan Singer, Head of European
Climate and Energy Policy,

WWF International



Paul Waide, Senior Policy Analyst,
International Energy Agency



Bruno Vermoesen,
European Affairs Manager,

Bosch And Siemens Home Appliances

B/S/H/

Andy Watson, Former Energy Manager,
BAA Heathrow



Mr Richard Ward, Group HSE and SD Advisor,
Royal Dutch Shell plc



Rob Kool, Manager International
Sustainable Development,

**Netherlands Agency for Energy
and the Environment**



Chris Hamans, Chief Engineer,
Rockwool International



Dr Eoin Lees,
Vice-Chair,
ECEEE Board



Stéphane Pouffary, Coordinator International
Activity – Renewable Energies Division,
ADEME



Andrew Warren, Senior Advisor,
EuroACE



ENDS Europe Daily's Energy Efficiency conference

will provide you with the practical tools and technical and legislative information required to enable a proactive response to the calls for energy-efficient practice.

Government, agency and industry speakers will deliver the latest environmental and political developments that are driving the need for increased energy efficiency.

Learn how to achieve the successful implementation of energy-efficient measures through insightful case studies from:

Netherlands Agency for Energy and the Environment: Exploring the latest energy-reducing devices to integrate efficient measures into industry processes and production

BAA Heathrow: Practically implementing low-energy technologies to minimise energy use and demonstrate financial and environmental savings

Bosch And Siemens: Focusing on how European energy policy and purchasing incentives can promote the use of efficient appliances to drive the market for low-energy goods

NGO perspective: WWF – Raising industry and consumer awareness

This far-reaching energy event will bring together stakeholders from consumer and industry producers, environmental and energy agencies, NGOs and governments.

Take one day out of the office to join:

- Energy Managers
- Production Managers
- Environment Managers
- Manufacturing Managers
- Policy Officers
- Campaigners
- EU Affairs Managers
- Project Managers

Return ready to meet the EU Commission's forthcoming energy policies and the environmental need to reduce energy consumption.

Through insightful sessions, energy professionals will also explore renewable energy technologies, the cost of installing efficient measures, financial support options and the benefits of integrating building and transport efficiency into your overall energy plan.

08:15 Registration And Coffee

09:15 Chair's Opening Remarks
Dr Eoin Lees, Vice-Chair, **ECEEE** Board



FOCUSING ON THE KEY DRIVERS OF ENERGY EFFICIENCY TO EXPLAIN THE DIRECTION OF EUROPEAN ENERGY POLICY

09:20 **Reviewing The Forces That Push The Need For An Energy-Efficient Economy**

- Managing energy to save money, managing climate change to save the environment: highlighting the need to reduce energy consumption and CO2 emissions
- Joining energy efficiency market forces and Kyoto targets to meet the Kyoto objectives
- Making reducing energy consumption a central pillar in overcoming the issues of security of supply, competitiveness and employment
- Setting the agenda and leading the way: what role does the EU have to play in the fight against global climate change?

Philip J.I.W. Luyten, Environment Manager
(Kyoto Program & Legislative Review),

Total Petrochemicals TOTAL PETROCHEMICALS

“Society is changing. But our need for energy is growing.
We all want to be more energy efficient”

Andris Piebalgs, Energy Commissioner, Dialogue On Climate Change, 2011

09:55 **Examining The Action Plan From The Green Paper On Energy Efficiency And Identifying How It Links With The Wider EU Energy Policy**

POLICY KEYNOTE

- Reviewing the Green Paper On Energy Efficiency and the resulting Action Plan to enable the implementation of the latest energy policy
 - Establishing links between The Green Paper On Energy Efficiency, The Green Paper On The Security Of Supply and The Energy End-Use Efficiency And Energy Services Directive: are they moving in the same direction?
 - Locating the policy frameworks required to encourage industry investment and to meet efficiency targets
 - What else does EU energy policy have to do to drive energy efficiency and fight climate change?
- Taisto Turunen, Director General, Ministry of Trade and Industry, Energy Department, **Finnish Presidency**



EXPLORING NOVEL, RENEWABLE AND ALTERNATIVE ENERGY TECHNOLOGIES TO ACHIEVE EFFICIENCY THROUGH EVERY AVAILABLE AVENUE

10:30 **Discovering New And Innovative Technologies To Enable More Efficient Industry Processes And Production**

- Identifying the latest energy-reducing devices to demonstrate new ways of working that consume less energy and consequentially less money
- Creating a market and spreading energy-efficient technology to drive the uptake of efficient technology that benefits your business
- Proposing what policy must do to support and aid the adoption of novel and cost-effective technology
- Promoting efficient technology on an international scale to maintain Europe's position as an innovative leader and exporter

Rob Kool, Manager International Sustainable Development, **Netherlands Agency for Energy and the Environment**



11:05 Break And Informal Networking

11:30 **Practically Delivering Energy-Reducing Technology To Optimise Efficiency On The Ground**

- Establishing the practicalities of implementing the use of energy-efficient equipment: what are the realistic cost and space considerations?
 - Identifying how to introduce, deliver and use energy-reducing technologies to ease the implementation of them into your processes
 - Using training, energy auditing and monitoring to assist the delivery of novel equipment
 - Examining measures and instruments to identify and report on improvements in performance
- Andy Watson, Former Energy Manager, **BAA Heathrow**



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energy does not.

and give renewables a real chance.”

Clean Energy And Sustainable Development, London, 1 November 2005

12:05 **Exploring Renewable Energy Sources Via A Whole-System Approach**

- Bringing renewable energy into the overall energy mix to deliver maximum efficiency across the whole system
- Green electricity, biofuels, combined heat and power, solar, wind, geothermal, micro-CHP, distributed generation: what is on the horizon for alternative and renewable energies?
- Matching the renewable energy sources to the situation: the need for optimising the existing environment

Stéphane Pouffary, Renewable Energies Division,
ADEME



12:40 Lunch And Informal Networking

PREDICTING THE COSTS AND RETURNS OF IMPLEMENTING ENERGY-REDUCING TECHNOLOGY TO DEMONSTRATE THAT IT IS A FINANCIALLY VIABLE OPTION

14:00 **Identifying The Cost Of Being Energy Efficient To Achieve Financial And Environmental Gains**

COST FOCUS

- Discussing the need to be energy conscious in light of high energy prices and the increasing societal tax on CO2 emissions
- Efficiency as a means of increasing profit and maintaining your market position
- Driving the market for low-energy equipment to encourage the purchasing of energy-efficient techniques
- Using measurement to determine the impact of the investment and demonstrate your energy-reduction objectives
- Assessing the timeframe for gaining a return on investment: what is a realistic payback period?

Mr Richard Ward, Group HSE and SD Advisor,
Royal Dutch Shell plc



14:35 **Identifying Existing Incentives And Financial Support To Aid And Promote Energy Efficient Practice**

- Predicting the upfront costs of investing in energy-efficient technology to identify the financial requirements
- Exploring the financial support mechanisms available to fund and implement efficient measures: banking, private-public partnerships, energy performance contracts, grants, and energy efficiency funds
- Reviewing initiatives to increase efficiency: joint initiatives, clean development mechanisms and taxation
- Incorporating reductions in energy use into your CSR plan to harness an additional benefit

Paul Waide, Senior Policy Analyst,
International Energy Agency



“.....energy efficiency is the largest, fastest and cheapest response to the challenges of energy security, rising and volatile energy prices and environmental concerns.”

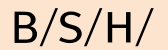
Report on Energy efficiency or doing more with less - Green Paper, Committee on Industry, Research and Energy, Rapporteur: Alejo Vidal-Quadras Roca, 25 April 2006

FOCUSING ON THE ELECTRICAL, TRANSPORT AND BUILDING INDUSTRIES TO ENCOURAGE ENERGY AND FINANCIAL EFFICIENCY ACROSS ALL ASPECTS OF BUSINESS

15:10 **ELECTRICAL APPLIANCES: Utilising Policy, Minimum Efficiency Requirements And Labelling To Promote The Production And Purchasing Of Low-Energy-Using Appliances**

- Identifying how technical developments, energy policy and industry can support the production and use of more efficient appliances
- How can standards and labelling be used to drive customers to indulge in energy-saving devices?
- Discussing the economics of highly efficient appliances to demonstrate the long-term savings

Bruno Vermoesen, European Affairs Manager,
Bosch And Siemens Home Appliances



15:40 Break And Informal Networking

16:00 **TRANSPORT: Incorporating Transport Efficiency Into Your Overall Energy Use To Make Energy Savings At Every Available Point**

- Motivating politicians and industry to integrate transport into the overall energy picture
 - Focusing on efficiency when transporting goods to make energy reductions at every level of the business
 - Exploring future technology and fuel options across the transport sector to identify further options for reducing energy use
- Session reserved for **ENDS Europe Daily** guest

16:20 **BUILDINGS: Implementing Intelligent Buildings To Harness Easy But Significant Reductions In Energy Use**

POLICY

- Reviewing the Energy Performance of Buildings Directive to discover the duties and efforts of all stakeholders
- Explaining monitoring and control systems to maintain positive energy performance in buildings
- Implementing training to create professionals who can aid the move to reduce energy use

Andrew Warren, Senior Advisor, **EuroACE**



CASE STUDY

- Building 2000: exploring The Rockwool Group's research centre in Denmark to identify how to achieve low energy consumption and comfort

Chris Hamans, Chief Engineer,
Rockwool International



17:00 **Raising Industry And Consumer Awareness To Maximise Energy Efficiency From Production To Consumption**

- Examining the lifecycle of a product to identify how to achieve reductions at every stage
- Highlighting the role of different players in the promotion of energy efficiency on a local and regional level
- Mobilising society to ensure changes are made on the industrial and consumer level
- Creating a market and society where industry and consumers seek to produce a low-energy footprint

Dr Stephan Singer, Head of European Climate and Energy Policy, **WWF International**



17:30 Chair's Closing Remarks And Close Of Conference

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Overnight accommodation is not included in the registration fee. However, reduced rates will be available at The Crowne Plaza, Brussels, City Centre, Rue Gineste 3, 1210, Belgium. Phone: 0032 2 274 58 88 Fax: 0032 2 2034011 Email: esther.meijers@cpbvl.be. Please call the hotel direct and always quote promotional code "GA2" when booking. It is advisable to book early to secure the reduced rate.

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