

Energy Intensive Industries & Climate Change

Hosted by:

integer

Marriott Hotel, Brussels, Belgium, 25-27 November, 2008



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Survive the threat to global competitiveness

Get answers to these key questions:

- Is this really make or break time for European Energy Intensive Industries?
- What impact will the proposed EU climate change policies have on your energy intensive business?
- Will your industry be affected by carbon leakage and how should you prepare for it?
- Where will your industry be in 10 years time - relocated or still in Europe?
- How can you reduce the competitiveness impacts on your business?
- What are other EIs doing to demonstrate their exposure to external competition?
- How are other EIs planning for the future?
- Moving from negatives to solutions - what is the way forward for European Energy Intensive Industries?

Hear from energy intensive industry leaders including:

LASSE NORD
Senior Vice President
Climate Policy
Norsk Hydro ASA

JILL DUGGAN
Head of International Emissions
Trading, **DEFRA**

ANJA SILVENNOINEN
Senior Vice President, Energy
UPM-Kymmene

GUY TACKELS
Environmental Affairs Director
Saint Gobain

DAVID HONE
Group Climate Change Adviser
Shell International B.V.

HANS BERGMAN
Climate Change
Directorate, DG Environment
European Commission

TORRE JENSEN
Vice President Environmental Affairs
and Climate Policy
Yara International

BRUNO VANDERBORGHT
Vice President, Climate Protection
Holcim

CLAUDE TURMES
MEP, Vice President of the Green
Group, **European Parliament**

A selection of
companies speaking:



Endorsed by:



Guest Speakers:



LASSE NORD
Senior Vice President,
Climate Policy
Norsk Hydro ASA



DAVID HONE
Group Climate Change
Adviser
Shell International B.V.



DR HANS-JORN WEDDIGE
Head of Climate Change
Policy
ThyssenKrupp



GUY TACKELS
Environmental Affairs
Director
Saint Gobain



ANJA SILVENNOINEN
Senior Vice President, Energy
UPM-Kymmene Corporation



HUGH PORTEOUS
Vice-President, Government
Relations & Corporate Affairs
RioTinto



VIANNEY SCHYNS
Manager, Climate and Energy
Efficiency, **USG, a joint
venture of SABIC and DSM**



ALESSANDRO PROFILI
European Affairs Director
Alcoa



BRUNO VANDERBORGH
Vice President, Climate
Protection
Holcim



HUUB CUIJPERS
Managing Director, Europe
Albemarle



DANIEL STEEN
Senior Vice President
O-I



HUGH CONSTABLE
Strategic Planning and
Regulatory Affairs Manager
Ineos Chlor Limited



TORE JENSEN
Vice President Environmental
Affairs and Climate Policy
Yara International



JEREMY NICHOLSON
Director
Energy Intensive Users Group



DR MIKAEL KARLSSON
President
**European Environmental
Bureau**



JILL DUGGAN
Head of International
Emissions Trading
DEFRA



CLAUDE TURMES
MEP, Vice President of the
Green Group
European Parliament



ANNETTE LOSKE
Chair, Climate Working
Group
IFIEC



NICK CAMPBELL
Environment Manager
Arkema



JEAN LAMBERT
MEP, Green Party
European Parliament



ROBIN SMALE
Managing Director
Vivid Economics



DR STEPHAN SINGER
Head of Climate Change and
Energy Unit
WWF



JULIA REINAUD
Policy Analyst, Energy
Efficiency and Environment
International Energy Agency



MARCO MENSINK
Energy & Environment Director
**Confederation of European
Paper Industries**



DANIEL CLOQUET
Director, Industrial Affairs
BUSINESSEUROPE



HANS BERGMAN
Climate Change Directorate,
DG Environment
European Commission



GARETH STACE
Head of Environmental
Affairs
EEF



CHRISTOPH SUTTER
CEO
**South Pole Carbon Asset
Management**



THOMAS BERNHEIM
Climate Change Directorate,
DG Environment
European Commission



MARKUS WEBER
Manager, Emissions Trading
ThyssenKrupp



SUSANNE DROEGE
German Institute for
International and Security
Affairs



JOHN STOCKDALE
Environmental Manager
British Glass



GORDON MOFFAT
Director General
EUROFER



PETER SCHERRER
General Secretary
**European Metalworkers
Federation**



RENAUD BATIER
Managing Director
Cerame-Unie



JIM RUSHWORTH
National Energy Director
Lafarge Cement

Protecting the competitiveness of your business in Europe post-2012

Will your industry be unfairly impacted by the proposed EU ETS revisions? Meet with other energy intensive industries and find out how they are planning to protect their competitive interests in a low carbon Europe.

As the EU proposes tighter emissions caps and auctioning of allowances in Phase III of the EU ETS, Energy Intensive Industries must demonstrate their level of exposure to external competition in order to qualify for protection and avoid carbon leakage.

EII & Climate Change is a time-critical platform for high energy consumers and policy makers to come together and discuss the most effective ways to reach European emission limits, without negatively impacting on the global competitiveness of Energy Intensive Industries in Europe.

At EII & Climate Change, understand how your industry can reduce the potential impact of carbon pricing on your profitability whilst maintaining your commercial success in an environment of regulatory uncertainty.

Ahead of the 2009 Copenhagen summit, EII & Climate change will facilitate key discussions on what these changing times will really mean for European Energy Intensive Industries.

» At EII & Climate Change, find out:

- *How will allowances be allocated in a post 2012 EU ETS?*
- *When will an international agreement on emissions trading be met?*
- *How are other Energy Intensive Industries planning investment at a time of such uncertainty?*
- *Should your business be relocating? If so, where?*
- *Which industries will be protected?*
- *How can you determine whether your industry is 'at risk'?*

Book your place now by calling +44 20 7503 1265 or visiting www.integer-research.com/EII. Make sure you don't miss it!

Why should you attend?

If you are a senior executive in any of Europe's energy intensive industries or involved in climate change issues or emissions trading you should be at EII & Climate Change.

Just some of the energy intensive sectors that will be at EII & Climate Change:



» You should attend if you are responsible for:

Government Affairs
 Environment Affairs
 European Affairs
 Corporate Affairs
 Public Affairs
 Energy & Environment
 Climate Change Policy
 Planning & Strategy

» Or if you are from:

Government
 Law firms
 Emissions brokers
 Carbon Exchanges
 Financial Institution
 Climate Change Consultants

Pre-Conference Workshop | Tuesday 25th November

Individual Energy Intensive Businesses and Climate change policies - Consequences and Remedies

This workshop is designed for all energy intensive sectors. It will provide attendees with an insight into how climate change policies might impact on their individual business so that they can better prepare for the future. Ultimately this 1/2 day course will provide a framework for identifying, assessing and remedying the competitive affects of the revised ETS.

1:00 - 2:30 » Session 1

- What is competitiveness and how can it be defined?
- How will phase III of the ETS impact on the competitiveness of individual companies
- Which models effectively measure leakage effects and the competitiveness impact of ETS?

2:30 - 3:00 » Afternoon Refreshments

3:00 - 4:30 » Session 2

- Assessing the public interest argument
- What levels of free allowances can you expect and how will these be allocated?
- How do you remedy competitiveness impacts on your business?

Workshop Leader:

ROBIN SMALE
Director, **Vivid Economics**

Program » Day One | Wednesday 26th November

8:50 » Chairpersons opening remarks - Jeremy Nicholson, Director, Energy Intensive Users Group

9:00 » Session 1

Energy Intensive Industries and the European Climate and Energy strategy - What lies ahead for those most at risk?

9:00 » Opening Keynote Address: Role of Energy Intensive Industries in addressing climate change

- UK vision of the shape of a post-2012 deal on climate change
- The challenge for Energy Intensive Industries - securing an ambitious deal
- Policy options: national vs global schemes, voluntary vs mandatory, standards vs cap and trade
- Realpolitik of negotiations

JILL DUGGAN

Head of International Emissions Trading, **DEFRA**

9:30 » Keynote Panel discussion. The ongoing debate - How do you define 'at risk industries'?

- Assessing the main determinants of competitiveness impacts
- Which sectors will be less able to pass through cost increases in the long term scenario?
- What sectors are less able to reduce emissions?
- Why profits and competitiveness are not synonymous in the EU ETS and what this means for determining 'at risk' industries?

Panelists:

DAVID HONE

Group Climate Change Adviser, **Shell International B.V.**

HANS BERGMAN

Climate Change Directorate, DG Environment
European Commission

NICK CAMPBELL

Environment Manager, **Arkema** and Chair, Climate Change Working Group, **BUSINESSEUROPE**

DR HANS-JORN WEDDIGE

Head of Climate Change Policy, **ThyssenKrupp**

ALESSANDRO PROFILI

European Affairs Director, **Alcoa**

MARCO MENSINK

Energy and Environment Director, **Confederation of European Paper Industries**

10:15 » Networking Refreshment Break

10:45 » Session 2

How are different sectors impacted competitively?
Arguments, plans, and future prospects

10:45 » This session of short 15 minute presentations, is a rare opportunity for EIs to find out how other sectors are presenting their cases to the EU, how they would like to see their competitiveness safeguarded and what plans they are making for a profitable future beyond 2012.



10:45 » The Fertiliser Industry

What will the proposed EU climate change policies mean for the Fertiliser sector?

TORE JENSSEN

Vice President Environmental Affairs and Climate Policy,
Yara International



11:00 » Chlor-Alkali Industry

Assessing the problem of indirect emissions in the Chlor Alkali sector

HUGH CONSTABLE

Strategic Planning and Regulatory Affairs Manager
Ineos Chlor Limited

**11:15 » Aluminium Industry****Assessing the problem of indirect emissions in the Aluminium sector**

LASSE NORD

Senior Vice President, Climate Policy, **Norsk Hydro ASA****11:30 » The Glass Industry****The positive side of the equation - achieving efficient energy production in the glass sector**

JOHN STOCKDALE

Environment Manager, **British Glass****11:45 » The Refining Industry****Responding to competitiveness concerns in the Refining sector**

DAVID HONE

Group Climate Change Adviser, **Shell International B.V.****12:00 » The Steel industry****Safeguarding competitiveness and employment in the steel sector**

PETER SCHERRER

General Secretary, **EMF****12:15 » The Cement Industry****Why cost pass through is not an option for the cement sector**

JIM RUSHWORTH

National Energy Director, **Lafarge Cement****12:30 » And what about Small Emitters?****Ensuring Small Emitters are equally treated and not unfairly impacted in phase III**

RENAUD BATIER

Secretary General, **Cerame-Unie**

12:45 » Networking Lunch

2:00 » Session 3

Myths and Realities - Is this really make or break time for Energy Intensive Industries?

2:00 » Afternoon Keynote. 'A storm in a teacup'. Why the push for protection against global competitiveness is based on false claims

- How do the figures add up? Comparing the Green party's assessment of exposure to external competition with the claims made by the EII lobby groups
- Welcoming the planned increase in auctioning of CO2 certificates to 100% - an end to windfall profits made by energy producers
- Earmarking revenues to be reinvested in upgrading the energy performance of existing and new industrial installations

CLAUDE TURMES

MEP, Vice President of the Green Group, **European Parliament****2:30 » Panel discussion. Are the risks of carbon leakage linked to climate change policies exaggerated or real?**

- Is carbon leakage really happening as a result of climate change policies and how is this measured?
- To what extent does environmental policy impact on the decision criterion for the location of investments made by European Energy Intensive Industries?
- Are we going to see relocation on a large scale?

Panelists:

MARCO MENSINK

Energy & Environment Director, **Confederation of European Paper Industries**

DR STEPHAN SINGER

Head of Climate Change and Energy Unit, **WWF**

JULIA REINAUD

Policy Analyst, Energy Efficiency and Environment Division **International Energy Agency**

JEAN LAMBERT

MEP, Green Party, **European Parliament**

ARMANDO CAFIERO

Director General, **Confindustria Ceramica****3:00 » Responding to climate change – How a chemical company are preparing for 2012**

- How do we use energy , what do we use it for, what did we do to save it
- What do our ideas of products do to save energy
- Examples of CO2 savings

HUUB CUIJPERS

Managing Director, Europe, **Albemarle**

3:30 » Afternoon Refreshments

4:00 » Session 4

Allocation of allowances - What can Energy Intensive Industries expect in phase III?

4:00 » Auctioning of the EU ETS phase III allowances - Is it a given and how will it work?

- To what extent will an achievement of an international agreement (or lack of it) impact how many allowances are auctioned?
- How often would allowances be auctioned and who will be responsible for auctioning them?
- How should allowances be auctioned? - how will different auctioning methodologies affect price and volume?

ROBIN SMALE

Managing Director, **Vivid Economics***Continued overleaf »*

4:30 » Achieving greater harmonization of allocation methodologies between member states

- What degree of autonomy should member states have over allocation decision making?
- How should allowances be distributed?
- What should happen to the revenue from carbon taxation?

HANS BERGMAN

Climate Change Directorate, **DG Environment**,
European Commission

5:00 » Panel discussion: Auctioning vs free allocations. What is the best approach for industry and the environment?

- Implications of each for European EII profits
- To what extent do allocations need to be allocated freely to preserve profits?

- Assessing the winners and losers of different allocation models and achieving the optimum balance between both

Panelists:

BRUNO VANDERBORGHT

Vice President, Climate Protection, **Holcim**

ROBIN SMALE

Managing Director, **Vivid Economics**

ANJA SILVENNOINEN

Senior Vice President, Energy, **UPM-Kymmene Corporation**

GORDON MOFFAT

Director General, **EUROFER**

JOHN STOCKDALE

European Confederation of Glass manufacturers

5:30 » Close of Conference Day One

Program » Day Two | Thursday 27th Nov

8:50 » Chairpersons opening remarks

9:00 » Session 5

Benchmarking – A good alternative for Energy Intensive Industries?

9:00 » Avoiding the threat of competitiveness disadvantage through benchmarking

- Free allocations based on benchmarks - a win situation for EIs and the environment?
- Actual production as the fair and logic allocation basis
- Putting an end to windfall profits without going down the auctioning route
- Considering the burden of indirect ETS effects on industry's competitiveness

ANNETTE LOSKE

Chair, Climate Working Group, **IFIEC**

9:30 » Performance based allocation for a faster more effective global carbon market

- Benchmarking - how does it work and how does it compare to auctioning
- Why is benchmarking a good solution for Energy Intensive Industries
- Preventing export of pollution and import of unemployment through benchmarking

VIANNEY SCHYNS

Manager, Climate and Energy Efficiency, **USG, a joint venture of SABIC and DSM**

10:00 » Improving the allocation method from a glass sector perspective?

- Considering unforeseeable production growth
- Taking into account the wide diversity of different sectors when deciding on allocation methodology
- Harmonized European Benchmarks as an effective solution

GUY TACKELS

Environmental Affairs Director, **Saint Gobain**

10:30 » Morning Refreshment Break

11:00 » Session 6

Avoiding Carbon Leakage - Global Sectoral Agreements and Border Tax Adjustments

11:00 » Improving efficiency and reducing emissions across sectoral value chains

- The potential for a global sectoral approach to significantly reduce global emissions levels
- Achieving intersectoral reductions
- Adapting to multi regulatory systems

BRUNO VANDERBORGHT

Head of Climate Change, **Holcim**

11:30 » The global sectoral approach - Setting global industrial benchmarks for sectors of industry

- Will the political enthusiasm for global agreements help move things forward on a sectoral basis?
- Working with governments to agree rules
- Matching a tonne of carbon to a tonne of carbon - putting regions on an equal footing
- Will global agreements stop the threat of carbon leakage?

GARETH STACE

Head of Environmental Affairs, **EEF**

12:00 » Panel discussion: Discussing the use of controversial border measures to safeguard the competitiveness of Energy Intensive Industries

- Justifying border taxes as a prevention of leakage - differentiating the leakage argument from the debate on competitiveness
- Would border taxes be WTO legal?
- How will border taxes impact on the achievement of an

international climate agreement and wider efforts to 'export' the EU's clean development model?

- The potential for border adjustments to lead to trade wars with other major trading partners
- The nuclear bomb of climate change negotiations - how likely is it that trade measures will be enforced

Panelists:

HUGH PORTEOUS

Vice-President, Government Relations & Corporate Affairs, **RioTinto**

JIM RUSHWORTH

National Energy Director, **Lafarge Cement**

SUSANNE DROEGE

German Institute for International and Security Affairs

12:30 » Networking Lunch

2:00 » Session 7

The future of CDM and Joint Implementation

2:00 » Investing in CDM and Joint Implementation as an effective response to climate change pressures

- What will be the future of JI and CDM project mechanisms post 2012? - Can they exist without an international agreement and if so to what extent?
- Comparing CDM & JI with ETS - what are the relative advantages?

CHRISTOPH SUTTER

CEO, **South Pole Carbon Asset Management**

2:30 » CDM in EU Climate Change Policy - What can we expect?

- Will there be a cap placed on the use of CDMs and how much will CDM make up the EU's overall emission reduction target?
- Could CDMs be the starting point of a truly global ETS?
- Achieving a beneficial solution for EITs and the environment through market based instruments

THOMAS BERNHEIM

Climate Change Directorate, **DG Environment, European Commission**

3:00 » Afternoon Refreshments

3:45 » Session 8

Achieving an International agreement and moving towards a global ETS

3:45 » Linking worldwide markets for a global emissions trading scheme

- What will the inclusion of other Emissions trading schemes mean for the price of carbon and EITs?
- How compatible will global emissions trading schemes be?
- Will this provide a long term solution for Energy intensive industries?

TBC

4:15 » Panel discussion. How far away is the much needed international agreement on emissions trading?

- Will there be an extension of the Kyoto protocol beyond 2012 and if so what will this look like - Will this involve setting GHG emission targets for participating countries?
- What elements are needed to assure neutrality in respect of business competition?
- How will a future international agreement be assessed to ensure burden sharing?
- How will the EU policies be revised if an international agreement is met?
- In addition to mechanisms such as CDM/JI and ETS, what other elements should a new international agreement include?

Panelists:

JEREMY NICHOLSON

Director, **Energy Intensive Users Group**

DANIEL STEEN

Senior Vice President, **O-I**

MARKUS WEBER

Manager, Emissions Trading, **Thyssenkrupp**

DANIEL CLOQUET

Director, Industrial Affairs, **BUSINESSEUROPE**

DR MIKAEL KARLSSON

President, **European Environmental Bureau**

5:00 » Close of Conference

Brussels Marriott Hotel

Brussels is a captivating city, with the Brussels Marriott Hotel steeped in a rich, diverse culture that has been evolving for more than 1,000 years. With its French & Flemish influences, famed institutions, museums and architectural marvels, it offers vast international appeal. Within walking distance of its most revered landmarks, including the Grand Place & the Mont des Arts, you'll find the Brussels Marriott Hotel Conference delegates will

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receive a special discounted rate at the Brussels Marriott Hotel.

Dates and Venue

25-27 November 2008. Marriott Hotel
Rue Auguste Orts 3-7/Grand Place, Brussels,
1000 Belgium.

Please visit www.integer-research.com/EII for more details on reserving a room at our negotiated discounted rate.



Register now and save up to €380 with an early bird discount!

Registration form:

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Get extra savings when you book early or register 3 or more delegates from the same company!

» Ticket Type - Please select	Before 12th Sep	Before 10th Oct	Full Price
<input type="checkbox"/> 2 day conference and 1/2 day workshop (25th - 27th Nov)	€1,515 - Save €380	€1,705 - Save €190	€1,895
<input type="checkbox"/> 2 day conference (26th - 27th Nov)	€1,275 - Save €320	€1,435 - Save €160	€1,595
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<input type="checkbox"/> 1/2 day workshop (25th Nov)	€395 - Save €100	€455 - Save €50	€495

» Networking Options - Please select the networking activities you would like to attend	
<input type="checkbox"/> Pre-conference welcome cocktail (25th -Nov)	Complimentary
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» Group Discounts	
3 or more delegates from the same company for 3 days	Save another €150 per ticket
3 or more delegates from the same company for 2 days	Save another €100 per ticket
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Dates and Venue

Date: 25-27 November 2008 Marriott Hotel, Rue Auguste Orts 3-7/Grand Place, Brussels, 1000 Belgium.

Accommodation

Integer Research has negotiated reduced room rates for the EII and Climate Change attendees at the Marriott Hotel: please visit www.integer-research.com/EII for more information.

3 Easy ways to register - take your pick

1. Register online
www.integer-research.com/EII
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2. Register by mail

Please complete this form and return to Conference Registrations, Integer Research Ltd, 55 Farringdon Road, London EC1M 3JB, United Kingdom

3. Register by fax

Please complete a copy of this form for each delegate and return it (photocopy & fax this page) **Fax back to +44 20 7503 1266**

Any questions?

Call our customer service line in London on **+44 20 7503 1265**
 (Office hours 9AM-5PM GMT)

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