# POLITICS vs INDUSTRY: ON THE CLIFF EDGE

EUROPE'S NEW **ENERGY CHALLENGES** 



# **EURELECTRIC**

**ANNUAL CONVENTION** & CONFERENCE **MALTA 4-5 JUNE 2012** 

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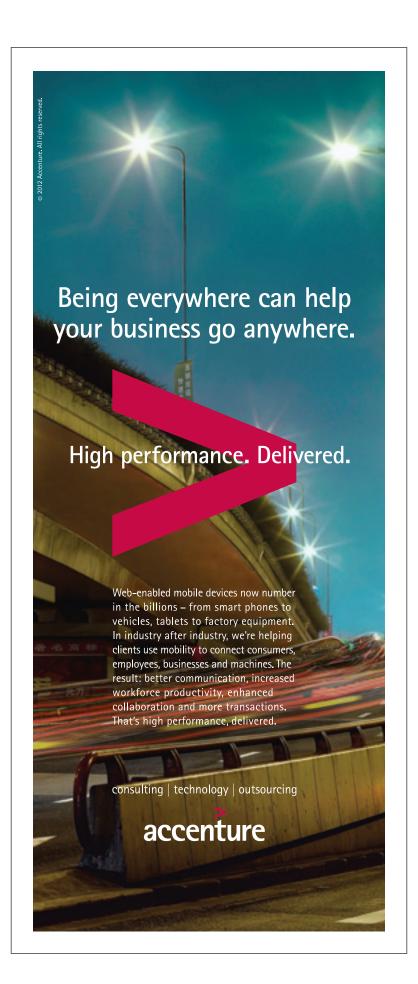
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# **OVERVIEW OF EVENTS**

## Monday 4 June 2012

TIME	MEETING	LOCATION
09.00-12.15	Session I	Grandmaster Suite
10.30-11.00	Coffee Break	Spinola Ballroom
12.15-13.30	Lunch	Spinola Ballroom
12.30	Press Conference	Pinto
13.30-16.15	Session II	Grandmaster Suite
13.30-16.15 14.30-15.00	SESSION II  Coffee Break	

# 10.00 Accompanying persons tour Lobby of each hotel (Hilton & Le Meridien) 19.00 Buses depart from each of the listed hotels 19.30 Gala dinner Mediterranean Conference Centre

## **TUESDAY 5 JUNE 2012**

09.00-12.00	SESSION III	Grandmaster Suite
09.00-09.45	Presentation of the EURELECTRIC Award	Grandmaster Suite
09.45-12.00	CEO FORUM	Grandmaster Suite
12.00-13.45	Lunch	Spinola Ballroom
13.45-16.00	SESSION IV	Grandmaster Suite







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#### ACKNOWLEDGEMENTS

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Fulvio CONTI

President of EURELECTRIC & CEO of ENEL

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- Guillermo AMANN, CEO's staff, Ormazabal y CIA
- Peter BIRKNER, Executive Member of the Board (CTO), Mainova AG
- Matt BROWN, Senior Director, Poyry Management Consulting Ltd
- Maciej BURNY, Head of Unit Regulations, Polish Power Grid Company
- Louis GIORDIMAINA, Executive Chairman of Enemalta
- Zuzana KREJCIRIKOVA, EU Department Director, CEZ, a.s.
- William S. KYTE, Senior Advisor, Climate Change, E.ON UK
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- Melanie HART, Enemalta
- Bronia MERCIECA, Enemalta
- Neil CARUANA, Enemalta
- Marc DENYS, Head of Administration, EURELECTRIC
- Emily O'LEARY, Event Officer, EURELECTRIC
- Ann STRZELCZYK, Assistant, EURELECTRIC

# DAY 1

Monday 4 June 2012

9.00 ▶ 16.15

## **SESSION** | 09.00 - 12.15

## Energy challenges: a global perspective

A plethora of international events have profoundly impacted energy and climate policies worldwide: the Fukushima nuclear tragedy, the "Arab Spring" Middle East / North African uprisings, the euro crisis, the financial and economic crisis, the uncertainty that surrounded Durban climate negotiations, and the breakthrough in shale gas, to name but a few. This "new era" for European energy has forced governments to refocus efforts on reducing import dependency and bolstering supply through stimulating competitive and integrated markets. In this context, the ability of our sector to attract and efficiently invest capital becomes a key driver for success and industry strategies are being refined to make sustainable innovation an integral part of the business.

# **SESSION II** 13.30 - 16.15

# Mismatched European policies: energy / climate reality check

The energy challenges confronting Europe and the world today require urgent and ambitious decisions by politicians and industry alike. While Europe does have a comprehensive energy and climate agenda it will take decades to put our energy system onto a sustainable and secure path if public awareness is not sufficiently raised, energy / climate policies remain uncoordinated, and finance is not forthcoming. Europe urgently needs to wake up to these facts and conduct an internal "reality check". Without a change of mind set, the EU risks failure on its decarbonisation agenda and market integration ambitions.

# DAY 2

**TUESDAY 5 JUNE 2012** 

9.00 > 16.00

#### SESSION III 09.00 - 12.00

## **CEO Forum: financing investments,** refining strategies

Massive investments, both in generation and in grid infrastructure, are clearly required in the coming years if the EU is to meet its low-carbon energy agenda. In the context of the current economic, financial and sovereign debt crisis in Europe, capital markets are, however, reluctant to provide the levels of financing needed for long-term investments. How do our CEOs view the future? What strategies do they have? What will be the end game? And who's ultimately accountable - industry or politics?

## **SESSION IV** 13.45 - 16.00

#### EU Islands: test beds for mainland integration?

The large majority of Europe's islands are isolated systems. They thus face particular challenges in terms of secure and sustainable energy supply. The development of innovative and alternative technologies, including affordable renewables, electricity storage and smart grids, is key to a successful - and sustainable - energy strategy for islands, whilst reducing, in the long-run, the dependency on diesel oil for conventional generation. Islands also play a significant role as "test beds" for deployment of new technologies, for example, or for the integration of variable RES into the system.



#### **EURELECTRIC AWARD**

The EURELECTRIC Award, inaugurated at the Barcelona EURELECTRIC Convention in 2008, seeks to honour companies or persons that have made a pioneering contribution towards the development of the electricity industry. The winner is selected by a jury composed of industry and external personalities and is chaired by Paul Bulteel, former Secretary General and Ambassador for EURELECTRIC.

#### **EURELECTRIC Award winners to date:**

- EURELECTRIC Convention Stockholm 2011
   Asta Sihvonen-Punkka, former Vice Chair of the European Regulators' Group for Gas and Electricity (ERGEG) and Chair of ERGEG's stakeholder platform, for her leadership in advancing market integration through the development of a roadmap for an internal electricity market by 2014.
- EURELECTRIC Convention Dublin 2010
  Joint winners:

J Christer Ericsson, Chairman of the Board of the Swedish Corporation, JCE Group AB, who founded Green Circle Bio Energy Inc., the world's largest pellet plant in Florida.

Luis Echávarri, (Spanish) Director General of OECD Nuclear Energy Agency, Paris, since 1997.

- EURELECTRIC Convention Bucharest 2009
   British Liberal Democrat MEP Chris Davies, for his commitment to recognising the need for a solid regulatory framework for CCS technologies
- EURELECTRIC Convention Barcelona 2008 Toyota, for its plug-in hybrid vehicle technology

#### Composition of the Jury for the 2012 EURELECTRIC Award:

CHAIRMAN: Paul BULTEEL, EURELECTRIC Ambassador

MEMBERS: Manuel BARITAUD, International Energy Agency (IEA) / Christian EGENHOFER, Centre for European Policy Studies - CEPS / William d'HAESELEER, K.U.L c/o University of Leuven Energy Institute / Jukka RUUSUNEN, Fingrid Oyj / Hans TEN BERGE, EURELECTRIC / Stefan ULREICH, E.ON AG / Owen WILSON, ESB - Ireland



#### **STUDENT AWARD**

Since 2010, EURELECTRIC has organised a formal student competition as an integral part of its Annual Convention. Students from all across Europe are invited to submit a one-page essay on a specific, predefined theme. The winning entry is judged by an independent industry expert. The student is also given the opportunity to present his/her essay to the audience of high-level delegates and is formally handed the Student Award.

This year's student competition theme is as follows: "Can innovation in the electricity industry jumpstart a clean energy economy? What concrete actions are necessary to drive this change?"

Previous Student Award winners / themes:

- EURELECTRIC Convention Stockholm 2011
   Emi Bertoli, University of Trieste, Italy
   "Would investment in the electricity sector best flourish in a European or national regulatory framework?"
- EURELECTRIC Convention Dublin 2010
  Patrick McCartan, Dublin Institute of Technology, Ireland
  "If you were given a minute to address international leaders
  during the UN climate negotiations, what single message
  would you convey and why on the electricity industry's
  role in meeting the climate challenge?"



# **Confirmation**

The Swiss climate protection organisation myclimate confirms that

#### **EURELECTRIC**

has made a sustainable contribution to voluntary climate protection by offsetting the following quantity of CO2e in high quality myclimate carbon offset projects:

CO2e quantity: 500.85 tonnes

climate neutral EURELECTRIC Annual Conference 2012

Zurich, 10 February 2012

René Estermann Chief Executive Officer

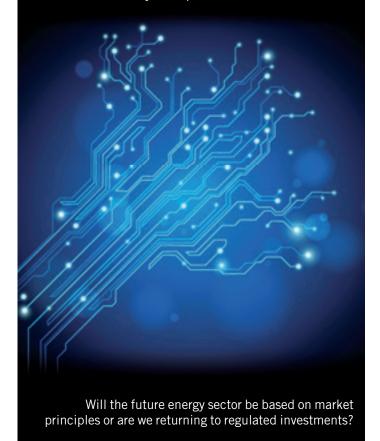
#### **Confirmation number: 24732**

myclimate - The Climate Protection Partnership is registered under Swiss Federal Law as a non-profit, tax exempt foundation that promotes climate protection.

Date of issue: 5 July 2011 File number: 11/10 312



Decarbonisation and market harmonisation objectives create a policy dilemma between re-regulation and liberalisation. We are proposing a multi-client study to explore this issue.



We invite EURELECTRIC convention participants to join our new Future Market Direction multi-client study

#### **REGISTER YOUR INTEREST TODAY**

Stephen Woodhouse Director, MARKET DESIGN

stephen.woodhouse@poyry.com +44 1865 722660 +44 7970 572444



# DAY 1 PROGRAMME

MONDAY 4 JUNE MORNING (09.00-12.15)

## Welcome + Opening Addresses

09.00



FULVIO CONTI President of EURELECTRIC CEO of ENEL



**TONIO FENECH**Minister of Finance, the Economy & Investment, Malta



PHILIP LOWE
Director General, DG Energy
(on behalf of Günther OETTINGER,
European Commissioner for Energy)

#### **SESSION I**

**ENERGY CHALLENGES: A GLOBAL PERSPECTIVE** 

Chairman & Moderator



**GUY TURNER**Director, Commodity Market Research
Bloomberg New Energy Finance

#### KEYNOTE SPEECHES: ENERGY POLICY INSIGHTS: RESPONDING TO THE CHALLENGES OF A GLOBALISED WORLD

09.30



VIEWS FROM A DEVELOPMENT
PERSPECTIVE
ANDRIS PIEBALGS
European Commissioner for Development

09.50



VIEWS FROM EUROPE
FULVIO CONTI
President of EURELECTRIC
CEO of ENEL

10.10



VIEWS FROM THE US

MICHAEL G. MORRIS

Chairman of the Board of
American Electric Power

PANEL DEBATE
Introduced by Electronic Voting



SERGE COLLE Head of Accenture Utilities Practice -Austria, Switzerland, Germany



**DOMINIK THUMFART** Managing Director & Co-Head of Infrastructure & Renewable Energy Finance Deutsche Bank

# DAY 1 PROGRAMME

MONDAY 4 JUNE AFTERNOON (13.30 - 16.15)

## **SESSION II**

MISMATCHED EUROPEAN POLICIES: ENERGY / CLIMATE REALITY CHECK

Chairman & Moderator



STEPHEN WOODHOUSE
Director
Pöyry Management Consulting

#### **KEYNOTE SPEECHES:**

13.30



Mapping the Road to Green Success: Reconciling the Different Targets

**CONNIE HEDEGAARD** European Commissioner for Climate Action

13.50



GETTING THE SUPPLY SIDE RIGHT: IS CARBON THE DRIVER?

JOHANNES TEYSSEN Vice President of EURELECTRIC CEO of E.ON AG

14.10



INTELLIGENT ENERGY NETWORKS: HOW SMART DO OUR GRIDS NEED TO BE?

MICHÈLE BELLON
Chair of EURELECTRIC DSO
Directors' Gathering
CEO of ERDF

**14.30-15.00** Coffee Break











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# DAY 2 PROGRAMME

**TUESDAY 5 JUNE** MORNING (09.00-12.00)

09.00



WELCOME
HANS TEN BERGE
Secretary General
EURELECTRIC

09.05

#### **EURELECTRIC AWARDS**



INDUSTRY AWARD

PAUL BULTEEL

European Electricity Ambassador for EURELECTRIC



STUDENT AWARD
WILLIAM S. KYTE
Senior Advisor, Climate Change, E.ON UK

**SESSION III** 

CEO FORUM: FINANCING INVESTMENTS, REFINING STRATEGIES

Chairman & Moderator



HANS TEN BERGE Secretary General EURELECTRIC

#### **KEYNOTE SPEECH:**

09.45



THE SINGLE MARKET CHALLENGE: WHO TAKES CHARGE OF THE MISSING LINKS?

MATIAS ALONSO
Global Managing Director,
Utilities Industry Group - Accenture

AUDIENCE INVOLVEMENT IN PANEL DISCUSSIONS. FEEDBACK THROUGH ELECTRONIC VOTING.

10.15-11.45 PANEL DEBATE
Introduced by Electronic Voting

Keynote Speaker + Additional Panellists



FULVIO CONTI President of EURELECTRIC CEO of ENEL



Louis GIORDIMAINA Chairman and CEO of Enemalta



**WOLFGANG ANZENGRUBER** CEO of Verbund AG



PAT O'DOHERTY CEO of ESB



OLUF ULSETH CEO of Energy Norway



**TAPIO KUULA**President & CEO of Fortum



**ARTHUROS ZERVOS**CEO of Public Power Corporation S.A. (PPC)

#### CONCLUSIONS

11.45



HANS TEN BERGE Secretary General EURELECTRIC

12.00-13.45 Lunch

# DAY 2 PROGRAMME

TUESDAY 5 JUNE AFTERNOON (13.45-16.00)

#### SESSION IV

EU ISLANDS: TEST BEDS FOR MAINLAND INTEGRATION?

Chairman & Moderator



JAVIER ORMAZABAL
President & Chairman of the Board of
Ormazabal

#### **KEYNOTE SPEECHES**

13.45



POWER SUPPLY CHALLENGES IN ISLANDS

TOM WOODFORD

Chairman of EURELECTRIC Islands Group
Generation Manager – Utility
Guernsey Electricity

14.00



SUSTAINABLE SOLUTIONS:
THE ROLE OF THE EUROPEAN COMMISSION
MARIE DONNELLY
Director, DG Energy
European Commission

14.15-15.00

CASE PRESENTATIONS
Using Islands as Test Beds for New Energy
Technologies

14.15



HOW TO MANAGE INTERMITTENCY ON ISLANDS — EDF CASE STUDIES

THIERRY PONS
Senior Vice President
Island Energy Systems, EDF Group

14.30



ISLAND CHALLENGES- EDA EXPERIENCE
PAULO ANDRÉ
Chief of Department of Power Plant
Investments
Electricity of Azores (EDA)

14.45



SMART GRIDS IN CYPRUS -A DSO PERSPECTIVE VENIZELOS EFTHYMIOU Network Development Projects Manager Electricity Authority of Cyprus



# **EXHIBITORS**































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#### Conversations for a Smarter Planet



#### Building a smarter planet, one country at a time.

On the Mediterranean island of Malta, power and water are intricately linked. The nation's electricity is generated entirely by imported fossil fuel, while the country depends on electrically powered desalination plants for over half of its water supply. In fact, about 75% of the cost of water from these plants on Malta is directly related to energy production. Meanwhile, rising sea levels threaten Malta's underground freshwater source.

This presents a complex, interconnected series of challenges that require immediate attention to ensure that the country has sustainable resources for the future.

A smarter planet needs smarter energy systems. That's why the Maltese national power and water utilities — Enemalta and Water Services Corporation — are partnering with IBM to help their country become the first in the world to build a nationwide smart grid and a fully integrated electricity and water system.

This system will be able to identify water leaks and electricity losses in the grid,

allowing the utilities to more intelligently plan their investments in the network and reduce inefficiency. 250,000 interactive meters will monitor electricity usage, set variable rates, and reward customers who consume less energy and water. Acting as thousands of intelligent sensors, they will be deployed along transmission lines, substations, and other existing infrastructure to manage electricity distribution more efficiently and to anticipate problems.

All of this data can then be collected and analyzed to help lower costs, reduce consumption and cut greenhouse gas emissions. By addressing the issues of water and power as a system, the Maltese government can provide citizens with better information to make smarter decisions about how and when they use power — and the country can begin the task of replacing carbon-intensive fuel oil with renewable energy for the future.

Let's build a smarter planet. For more ideas about smarter power for a smarter planet, please visit **ibm.com**/smarterplanet/energy



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