CONSUMERS DEMAND RENEWABLE ELECTRICITY

20 AND 21 MARCH 2013
HOTEL MELIA
BERLIN, GERMANY
WWW.RECSMARKET.EU
CONSUMERS DEMAND RENEWABLE ENERGY

Dear colleagues and energy experts,

It gives me great pleasure to invite you to the RECS Market Meeting 2013. There’s no doubt that consumers want renewable energy. With demand for renewable electricity growing by 35% per year, it’s clear that more and more consumers want this product. Looking at this fast-growing market we can make the following observations:

• Consumers are aware of the difference between renewable and fossil electricity and are making deliberate choices to meet their electricity needs.

• Consumers are becoming more aware of the fact that they have a choice and that they as consumers can have an influence on the production of electricity.

• Electricity tracking systems are the backbone of renewable electricity markets world-wide. In Europe, the Guarantee of Origin tracking system has become a robust, reliable and secure method for delivering information about electricity [attributes].

• While the wholesale market is still being developed, we are already seeing substantial and continuing increases in market transparency.

This Meeting has been designed to cover all of the aspects of this emerging market and it allows those who attend to get reliable information about the most important topics. However, we won’t just look back to the past; we’ve done market research that gives us an idea of this market’s future and the trends that can be expected.

The voluntary market has clearly been a huge success, but we are now entering a new phase. We can see demand beginning to exceed supply and expect that prices will go up. But will these new higher prices meet the requirements of investors considering setting up new renewable energy projects?

We look forward to meeting you in Berlin and hearing your contribution to discussions about electricity tracking systems, the Guarantee of Origin and the new phase we are entering. You can take part in these important discussions by joining us on 20 and 21 March, 2013.

Best regards,
Claes Hedenström, President of RECS International

RECS MARKET MEETING 2013 AT A GLANCE

TUESDAY 19 MARCH 2013
14.00-17.00 Pre-conference workshop* How do certificate systems work? German-language pre-conference workshop* Wie funktionieren Zertifikatsysteme? 17.00-19.00 RECS General Meeting** 18.00-20.00 Pre-registration 20.00-22.00 Get together in Hotel Melia***

WEDNESDAY 20 MARCH 2013
08.30 Registration desk opens 09.30 Opening session Building the market for new renewable power 11.00 Coffee break 11.30 Session 2 The role of corporate social responsibility in making sustainability a success 13.00 Lunch 14.00 Session 3 New policy and national developments 15.30 Coffee break 16.00 Session 4 How the renewable electricity market works in Germany 17.30 Reception sponsored by: 19.30 REXperience dinner party sponsored by:

THURSDAY 21 MARCH 2013
09.15 Session 5 Marketing green electricity products 10.30 Coffee break 11.00 Session 6 Market growth and opportunities renewable electricity 12.30 Lunch End of the Meeting

* separate registration needed, ** for RECS members only, *** register via the website [limited number of places available]
HOW DOES A CERTIFICATE SYSTEM WORK?

In the pre-conference we will explain how an electricity tracking and certificate system works. Certificate systems, which are based on a book-and-claim system, are operated by issuing bodies. In this session a number of basic questions will be answered, giving participants a good understanding of the system used to track electricity in Europe – The Guarantee of Origin. How can one become a market player or a knowledgeable consumer? The first step is to attend the pre-conference.

Target audience
This workshop is specifically intended for people who are interested in joining, or have recently become engaged in the renewable electricity market. They include representatives of companies who wish to purchase certificates directly on the market and therefore intend to open their own accounts, as well as suppliers interested in how to guarantee that they deliver genuine green electricity to their consumers.

Moderator: Marko Lehtovaara, CEO, Grexel

14:00 Introduction
- Guarantees of Origin in Europe – a mixed picture
  Marko Lehtovaara, CEO, Grexel

14:20 Legal framework: GO systems and how to use the GO
- What are the requirements for GO systems, according to the RES Directive, and how do these affect its use?
  Peter Houzer, Independent Expert, RECS International

14:40 How are GO systems standardised?
- Why is international trade only effective and efficient when national GO systems are standardised?
  Phil Moody, Secretary General AIB

15:00 Specific National Example
- How to register a plant, open an account, report bought or cancelled GOs – and how can we ensure consumer protection?
  Jan van der Lee, Senior Manager, CertiQ

15:30 Break

16:00 Using the GO for disclosure: EPED/RE-DISS
- Why and how is EPED eliminating residual mix problems in the European grid?
  Markus Klimescheffskij, Renewable Energy Expert, Grexel

16:30 How are GO systems standardised
- How do you physically buy, trade, cancel and use GOs?
  Sebastiaan Ratha, Executive Director, Amsterdam Capital Trading

17:00 End of the pre-conference

If you wish to attend the English-language pre-conference workshop, please register soon at www.recsmarket.eu. A maximum of 30 people may register. The fee for this workshop is € 325, excluding VAT.

WIE FUNKTIONIERT DAS SYSTEM DER HERKUNFTSNACHWEISE?


Die Vorkonferenz ist sowohl für diejenigen geeignet, die neu in den Markt für erneuerbare Energien einsteigen wollen, aber auch für die, die bereits Teilnehmer sind. Das schließt sowohl Unternehmen ein, die Zertifikate direkt am Markt erwerben und ihre eigenen Konten eröffnen wollen als auch Lieferanten, die wissen wollen, wie sie die Lieferung von „echtem Grünnstrom“ garantieren können.

Moderator: Robert Palme, Vorsitzender, RECS Deutschland

14:00 Einführung
- Herkunftsnachweise in Europa – Erfahrungen und Ausblick
  Robert Palme, Vorsitzender, RECS Deutschland

14:20 HKN-Systeme und HKN-Nutzung: rechtliche Rahmenbedingungen
- Was sind die Anforderungen an Herkunftsnachweise gemäß EU-Richtlinie 2009 und wie beeinflussen sie deren Einsatz?
  Louis von Moos, Managing Director, Verein Energy Certificate System Schweiz

14:40 Wie werden Herkunftsnachweise und deren Systeme standardisiert?
- Warum ist der internationale Handel nur effektiv und effizient, wenn nationale Herkunftsnachweisysteme standardisiert werden?
  Miriam Mann, Strategy and Market Design, EEX

15:00 Die Praxis in Deutschland
- Welche Akteure nehmen am deutschen Register teil – und wie? Wie wird eine Anlage registriert und ein Konto eröffnet und wie sieht die Kostenstruktur aus?
  Michael Marty, Leiter Aufbaustab Herkunftsnachweisregister für Strom aus erneuerbaren Energiequellen, Umweltbundesamt

15:30 Kaffeepause

16:00 Der Gebrauch von Herkunftsnachweisen für Unternehmensberichte: EPED/RE-DISS?
- Was ist EPED/RE-DISS- und warum ist es notwendig zur Bestimmung des Residualmixes im europäischen Verbundnetz?
  Thomas Eccard, Head of Green Markets, Markedskraft

16:30 Die Zukunft der Herkunftsnachweissysteme in Deutschland
- Diskussion zum Wandel von standardisierten RECS-Zertifikaten zu Herkunftsnachweisen gemäß EU-Richtlinie EEX
  Dagmar Fellmann, Manager Renewables and Origination, NEAS Energy

17:00 Ende der Vorkonferenz

Wenn Sie an dem Workshop zur deutschen Vorkonferenz teilnehmen möchten, registrieren Sie sich bitte zeitnah unter www.recsmarket.eu. Teilnehmerzahl ist auf 30 Personen begrenzt, der Teilnahmebeitrag beträgt 325,00 Euro exklusive MwSt.
Session 1
Building the market for new renewable power
The current market for renewable electricity has a number of elements – many of which are now becoming clear. The market for tracked electricity is growing annually by nearly 35% and many energy providers say this is a revenue stream they take into account when planning new renewable energy projects. While the decision to build a renewable electricity production site involves thousands of calculations, revenue from tracked electricity – delivered through the production and sale of GOs – is often a calculation whose outcome can make or break a new project.

In the opening session, the central theme will be a market approach to supporting renewable electricity beyond 2020. High-level speakers will share their opinions on how market approaches can replace traditional direct subsidies. Will there be a place for tracked electricity in the future?

Moderator: Claes Hedenström, President, RECS International

09:30 Opening and welcome
Peter Niermeijer, Secretary General, RECS International

09:35 The voluntary market as a driver of new renewable power
• Will that ever be possible and how?
• What is needed to make that possible?
Niels van der Linden, Vice President RECS International

09:40 The voluntary market as a policy instrument
• The voluntary renewables market post-2020
• What we’ve learned about cooperation mechanisms from the renewables market
Tom Howes, Deputy Head of Unit, DG ENER, European Commission

10:00 The voluntary market gives renewable producers (new) options
• Near-mature technologies competing on the market
• Using market-generated revenue to its full extent
André Poschmann, Federal Ministry for the Environment, BMU, Germany

10:20 Is there a role for the regulator without regulation?
• How well are consumers protected by regulations?
• What is the role of a regulator in ensuring that the system is reliable?
Dirk van Evercooren, Chair, CEER Customer Empowerment Task Force

10:40 Solar energy as a viable renewable option
• Solar is key to the ongoing energy transition
• How the voluntary market will accelerate solar deployment
Tomás García, Director of Market Development & Strategy, EMEA & LATAM, SunEdison

11:00 Coffee break

Session 2
The role of corporate social responsibility in making sustainability work
Carbon emissions are important to all users of electricity, but they are particularly important to those who record their electricity consumption in a corporate social responsibility report. Electricity suppliers have responded to this need by helping consumers differentiate between the types of electricity they purchase (fossil-fuel-based, nuclear or renewable). Since suppliers have done this, the demand for renewable and low-carbon electricity has sky-rocketed. So how does this work and how are emissions generated on the production side and allocated to consumers on the demand side? There are few international standards, so how can consumers be sure they can exclude the possibility of double counting of tracked electricity or even double claiming of low-carbon sources?

Moderator: John Harris, Renewable Energy Expert, Technical Advisor, IKEA Services

11:30 Who is buying renewable electricity and why?
Corporate consumers play a unique role in the acceptance of tracked electricity and its use worldwide. Those who will join us in this session will talk about their purchases of tracked electricity world-wide as well as Guarantee of Origin purchases in Europe. In the past consumers had no choice when purchasing electricity; that has now changed and many corporate end-users are making such choices. They are on the front lines of the growing carbon accounting and carbon reduction sectors and they clearly see global warming as a problem for business as well as for governments.

The following panellists will present their views on this topic:
Daniel Rüfenacht, Vice President Sustainability, SGS
Mark Didden, Program Officer, Greenhouse Gas Protocol, World Business Council for Sustainable Development
Pedro Faria, Technical Director, Carbon Disclosure Project

A corporate consumer*

12:15 Panel discussion
A number of corporate consumers will sit in a panel to discuss the following issues:
1. Is the lack of a tracking system acceptable to corporate end-users?
2. Is there inherent value in tracked electricity systems worldwide?
3. What would be the added value of an industry-wide standard for reporting on electricity certificates?
4. Is there a difference between compensation and tracking? Are offsets a viable way to demonstrate Corporate Social Responsibility?
5. What about additionality? Is it the role of corporates to help develop a direction for the power industry or should the industry take the lead?

13:00 Lunch
Session 3

New policy and national developments
The GO is a tool based on regulations with which all EU Member States must comply. In this session we will discuss how national developments have changed the market for tracked electricity. Some of these developments are unexpected. We will learn how some countries are using the GO to block nuclear imports, while others are exporting so much renewable energy that governments are attempting to actively involve their citizens in decisions in this area. We will examine the most important changes and see how they have influenced acceptance of the GO.

Moderator: Gustav Ebena, Head Electricity Certificates and Energy Analysis, Swedish Energy Agency

14:00 Overview of national legislation
• The current status of the implementation of GOs across Europe
  Peter Niermeijer, Secretary General

14:10 Introduction
• What steps has the Swedish Energy Agency taken to protect consumers and what is the relevance of such steps for new policies and national developments throughout Europe?
  Gustav Ebena, Head of Electricity Certificates and Energy Analysis, Swedish Energy Agency

14:30 Norway, a reliable exporter of Guarantees of Origins
• Regulations at home that protect Norwegian products abroad
• The importance of a residual mix in Norway
  Mari Hegg Gundersen, Head of Section Renewable Energy, NVE

14:50 Consumer protection in Switzerland
• How disclosure rules, cancellation rules and residual mix rules protect consumers
• Do consumers need additional protection, or has Switzerland got everything under control?
  Lukas Groebke, Manager, Renewable Affairs and Relationships, Swissgrid

15:10 How customers benefit from information on the source of their electricity – the case of Flanders
• How is disclosure regulated in Flanders?
• Using the ‘Groencheck’ to inform and empower customers
  Katrien Verwimp, Market expert renewables and CHP-certificates, VREG

15:30 Break

Session 4

How the renewable electricity market works in Germany
Germany provides a perfect example where all of the aspects discussed so far come together. The government has decided to set up an official GO system and has appointed an official issuing body. But the system isn’t yet ready and market players want to know if the German registry will be connected internationally to other registries. The RECS Market meeting 2013 will provide some answers to these questions. But the focus will be on the question: how? How is renewable electricity bought and sold in Germany? How will the future market for tracked electricity develop in Germany? How will decisions made in Germany affect renewables EU-wide, and how are German consumers protected when buying renewable energy labels or ‘Stadtwerken’ electricity products? German industry leaders, producers, Stadtwerkers and consumers will discuss these issues.

Moderator: Paul Hokenos, Correspondent European Energy Review

16:00 The German renewable electricity market at a glance
• Overview of the market after implementing the new GO system
  Oliver Germeroth, CEO, Bischoff & Ditze Energy

16:20 The German GO system
• Overview of the status of implementation of GO systems
• The linkage of cancellation and disclosure rules with the rest of Europe
  Michael Marty, Head of Section Register of Guarantees of Origin for Renewables, Federal Environment Agency, Germany

16:40 Electricity products brought to market by a Stadtwerke
• The GO: used to define renewable electricity products
• What are the success factors of the product?
  Frank Hoster, Trade and Portfolio Management, Stadtwerke Kassel

17:00 The image of renewable electricity in Germany
• Is renewable electricity used for CSR or is there more involved?
• Carbon accounting in Germany: best practice
  A corporate consumer*

17:20 Discussion
The discussion following these presentations will be structured along the lines of a number of statements. This will give the audience the opportunity to vote on issues and thus provide feedback on the discussion.

17:30 End of the first day

19.30 REXPERIENCE dinner party sponsored by agder energi
Session 5
Marketing green electricity products
Consumers are increasingly demanding renewable electricity and suppliers are delivering it to homeowners and companies on a more regular basis in increasing volumes. How do marketing strategies differ between suppliers and end-users, what does each need to be addressed? How do the principles of ‘green’ marketing increase profit and sustainability?
Green marketing leaders will speak how profit and sustainability combine to become good business. Additionality, carbon emissions, double counting are not consumer concerns, how do we speak their language?

Moderator: Menno Kuiper, Specialist in CSR Reporting, CSR Resolutions

09:15 Marketing everything – including electricity
What consumers want to know, what they need to know, and how to keep them informed. Without using the term GO, we can talk about marketing strategies for electricity and renewables. Where we are on the timeline of electricity marketing and the variety of products and consumers demands.
Presented by someone who is not affiliated with the renewable industry.
Menno Kuiper, Specialist in CSR Reporting, CSR Resolutions

09:35 Positioning a green electricity product successfully
• How a GO becomes an electricity product and is used to purchase green electricity
• The image of a green company
Dick Jonker, Corporate Development and Strategy, ENECO

09:55 Corporate Renewable Energy Index 2012
• Making or buying electricity from a marketing perspective
• The role of additionality in the index
Anders Riis, Marketing Consultant, Vestas

10:15 Discussion
The discussion following these presentations will be structured along the lines of a number of statements. This will give the audience the opportunity to vote on issues and thus provide feedback on the discussion.

10:30 Break

Session 6
Market growth and opportunities
At RECS International we have spent time and money developing scenarios which explain the future of the renewable electricity market, including scenarios relating to the availability of certificates, electricity tracking, legislative changes, and national availability. At the conference we will present these findings and start a discussion about them. In addition, we will present the figures in detail for 2012. Experts who deal daily in tracked electricity will explain what the 2012 figures say about the prospects for 2013. Every market player knows that prices are a direct reflection of the current situation. Will 2013 be a bear or a bull year for renewable electricity?

Moderator: William Webster, Head of EU Power Market Design, RWE Supply & Trading

11:00 The linkage between GOs and new power
• The GO as an instrument for developing new renewable installed capacity
• The development of unique contracts allowing the GO to become a financing tool
Tom Lindberg, CEO, ECOHZ

11:20 The GoO certificates market, still a challenge
• Market weakness
• Growth opportunities
Alessandro Faccoli, Managing Director, NValue

11:30 Panel discussion
• Robert Palme, Head of Sales Europe, Agder Energi
• Tom Lindberg, Managing Director, ECOHZ
• Alessandro Faccoli, Managing Director, NValue

The discussion following these presentations will be structured along the lines of a number of statements. This will give the audience the opportunity to vote on issues and thus provide feedback on the discussion.

12:25 Wrapping up the conference
Claes Hedenström, President, RECS International

12:30 Lunch
Sponsors of the RECS Market Meeting 2013

Platinum Sponsor

Neas Energy

Neas Energy is a Scandinavian market leader with a European focus. Neas Energy supplies renewable source wholesale products and Guarantees of Origin to a wide range of European markets. For more information, go to www.neasenergy.com

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Axpo

Axpo delivers power. In Switzerland. In Europe. Axpo is a Swiss energy company with local roots and a European focus. Axpo is active in the production, distribution and sale of electricity, as well as international energy trading. Axpo also offers innovative energy services to customers in Switzerland and Europe. For more information, go to www.axpo.com

ECOHZ

ECOHZ – the leading independent renewable energy provider in Europe – with offices in Oslo and Geneva. Its primary business is providing renewable energy with Guarantees of Origin to businesses and other organizations across Europe. ECOHZ, which had over 47 TWh of renewable energy in its portfolio in 2011, offers a wide range of energy sources (hydro, wind and biomass) and eco-labelled products. It currently has sourcing agreements with more than 25 power producers and distribution partners in 17 European countries. For more information, go to www.ecohz.com

Nvalue

Nvalue is a green energy wholesaler active in the European Energy Market. Nvalue supplies Municipalities and Industrials clients with green power through certificates also coupled with electricity supplies. Nvalue Renewable energy certificates portfolio is characterized by renewable production located all over Europe through partnerships agreements with small and medium renewable energy producers. Nvalue aims to create value for its partner producers while supplying certificates with a wide range of labels to its clients throughout Europe. Nvalue vision embraces a renewable energy market supporting the development of renewable electricity production and consumption on a voluntary base. For more information, go to www.nvalue.ch

Vattenfall

Vattenfall is one of Europe’s largest generators of electricity and the largest producer of heat. Vattenfall’s main products are electricity, heat and gas. In electricity and heat, Vattenfall works in all parts of the value chain: generation, distribution and sales. In gas, Vattenfall is active in sales. Vattenfall also conducts energy trading and lignite mining. Consolidated sales in 2011 amounted to EUR 20 billion. The Group has approximately 34,700 employees. The Parent Company, Vattenfall AB, is 100%-owned by the Swedish state. The core markets are Sweden, Germany and the Netherlands. In 2011, operations were also conducted in Belgium, Denmark, Finland, France, Poland and the UK. For more information, go to www.vattenfall.com

Supporting Associations

Carbon Disclosure Project

CDP, The Carbon Disclosure Project (CDP) is an independent not-for-profit organization holding the largest database of primary corporate climate change information in the world. It was launched to accelerate solutions to climate change and water management by putting relevant information at the heart of business, policy and investment decisions. We further this mission by harnessing the collective power of corporations, investors and political leaders to accelerate unified action on climate change. Thousands of organizations from across the world’s major economies measure and disclose their greenhouse gas emissions, water use and climate change strategies through CDP. For more information, go to www.cdproject.net

EFET

EFET, The European Federation of Energy Traders promotes and facilitates European energy trading in open, transparent and liquid wholesale markets, unhindered by national borders or other undue obstacles. EFET improves the conditions for energy trading by:

• Finding solutions for market design and advocating suitable policies and regulatory measures;

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**REGISTRATION**

You can register online at www.recsmarket.eu

Costs for attending the RECS Market Meeting on 20 & 21 March 2013

**RECS-I members**
- **early bird registration (by 25 January 2013)**: € 850
- **normal registration (by 1 March 2013)**: € 950
- **late registration (after 1 March 2013)**: € 1,050

**Non RECS-I members**
- **early bird registration (by 25 January 2013)**: € 1,150
- **normal registration (by 1 March 2013)**: € 1,275
- **late registration (after 1 March 2013)**: € 1,375

**Registration fee for corporate delegates (from 3 people)**
- Corporate delegates (3 people)*: € 2,300
- Corporate delegates (4 people)*: € 3,000
- Corporate delegates (5 people)*: € 3,700

The fee for the pre-conference workshop (in German or English) on 19 March is € 325*

* All rates are exclusive of 21% VAT.

Cancellation policy: go to www.recsmarket.eu

RECS Events may (at its sole discretion) change the format, speakers, participants, content, venue location and programme or any other aspect of the RECS Market Meeting at any time and for any reason, whether or not due to a Force Majeure, in each case without liability.

**VENUE**

The RECS Market Meeting 2013 will be held at

HOTEL MELIA BERLIN
FRIEDRICHSTRASSE 103
D-10117 BERLIN
GERMANY

TEL: +49 30 2060 790 119

**Hotel room reservation**

RECS Events has negotiated special room rates for the duration of the Meeting. If you wish to take advantage of these rates, please book your room at Hotel Melia Berlin before 1 February 2013. Go to www.recsmarket.eu and click the venue button to make your reservation.

**WHAT IS IN IT FOR YOU?**

- The RECS Market Meeting is a unique occasion. It’s the only conference that is capable of giving you a full picture of the current market for renewable electricity in Europe.
- You will receive first-hand information about recent developments in the wholesale market – in terms of prices and volumes – and about constantly changing regulations affecting the renewable electricity market.

**ABOUT RECS INTERNATIONAL**

RECS International is a non-profit organization striving to create an open pan-European renewable energy market, facilitated by commonly accepted and harmonized tracking systems.

Our mission is:
- To stimulate renewable energy demand across Europe by adopting harmonized standards & principles for a transparent transfer of information to the end-user, and
- To encourage the further generation of emerging renewable energy technologies by increasing competition and cost-efficiency through the expansion of cross-border trade and international cooperation mechanisms.

**WHO WILL BE THERE?**

- The major market players in the energy chain from producers to wholesalers, suppliers and consumers, all of whom use the Guarantee of Origin [GO].
- Corporate end-users who purchase renewable electricity as well as local government officials and representatives of NGOs, all of whom support the creation of a Renewable Electricity Standard [RES] for Europe.
- International experts: researchers, academics and consultants who calculate carbon footprints and provide advice on issues such as sustainability and additionality.
- The policy makers, legislators and politicians who are responsible for implementing the EU’s Renewable Energy Directive and drawing up national regulations on the use of the GO.