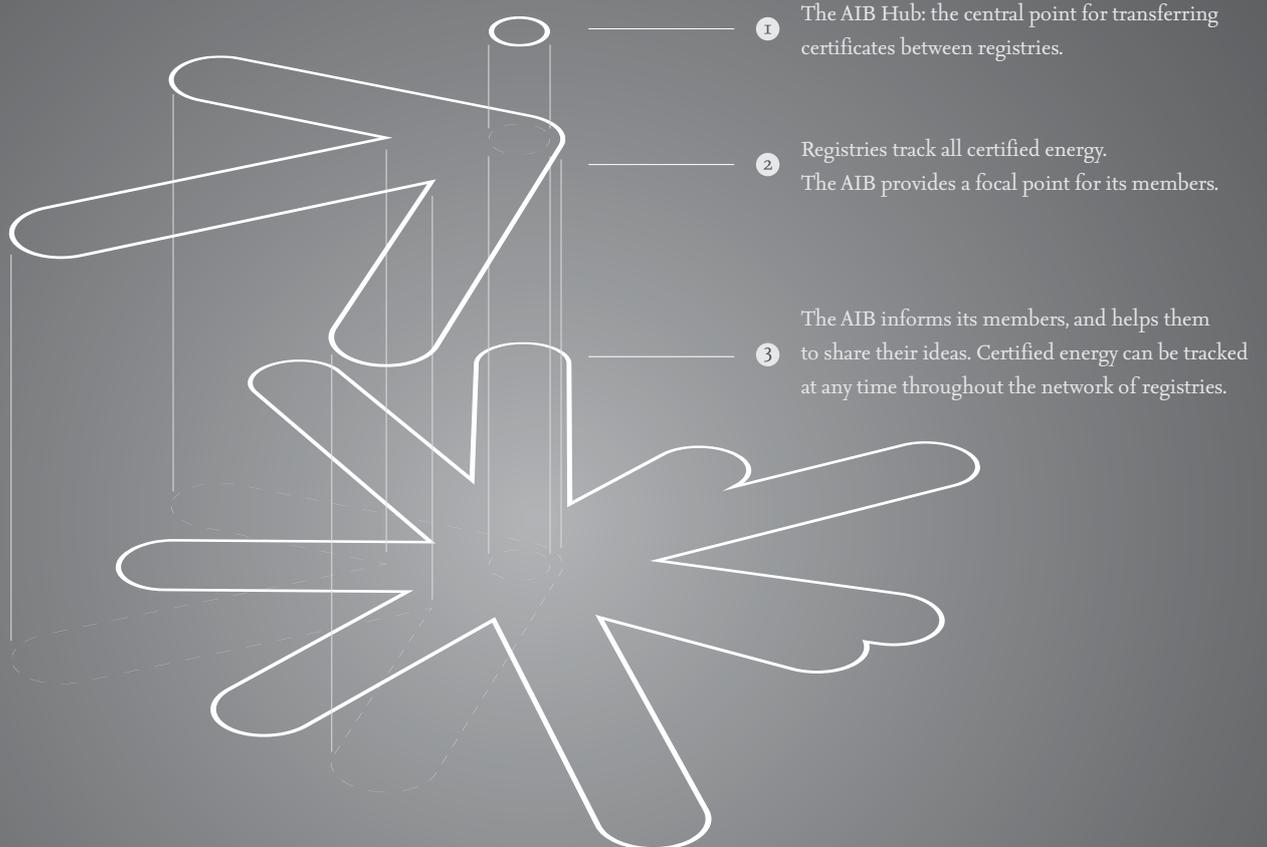


# AIB 2.0

## Annual Report 2011



2011 was a year of great achievements for AIB as it saw the launching of AIB's new Hub, and of the new EECS rules. Both accomplish a giant step in the direction of a harmonised, reliable and transparent European market for energy certificates.

**AIB**

association of issuing bodies



# CONTENTS

The table of content  
is clickable or use  
the function Bookmarks

<b>President's introduction</b>	<b>4</b>
<b>Chairperson's statement</b>	<b>6</b>
<b>Certificate activity for 2011</b>	<b>8</b>
<b>2011 Achievements</b>	<b>17</b>
<b>External life</b>	<b>18</b>
<b>Internal life</b>	<b>19</b>
<b>Working Group Internal Affairs</b>	<b>20</b>
<b>Working Group Systems</b>	<b>21</b>
<b>Working Group External Affairs</b>	<b>21</b>
<b>Budget / Actual income and expenditure</b>	<b>22</b>
<b>Reports from members</b>	
Austria	24
Belgium (Brussels)	26
Belgium (Flanders)	28
Belgium (Wallonia)	30
Denmark	32
Finland and Sweden	34
France	36
Germany	38
Ireland and Spain	40
Italy	42
Luxembourg	44
Netherlands	46
Norway	48
Portugal	50
Slovenia	52
Switzerland	54
<b>Reports from observers</b>	
Croatia	56
Cyprus	58
Estonia	60
Greece	52
Iceland	64
<b>Annex 1 Contacts</b>	<b>66</b>
<b>Annex 2 Audit Report</b>	<b>68</b>
<b>Annex 3 Financial statement</b>	<b>70</b>

## The new AIB logo explained

The new AIB logo shows you who we are and what we do. The lines represent our members - the various Issuing Bodies - and they meet in the middle and form the AIB. The white dot accents this center and symbolises the AIB and our new inter-registry Hub.

From this central focus we coordinate the activity of our members, and provide knowledge and information in all directions.

The lines also represent the different sources of energy and symbolise the complexity of the system. The highlighted arrow shows you that - in spite of the complexity - we can identify the source of every 1 MWh of certified energy in the wider system.



AIB President  
Christof Timpe of Oeko-Institut e.V.,  
Germany

## PRESIDENT'S INTRODUCTION

### Dear reader of the AIB Annual Report

The members of the AIB are happy to present this Annual Report to you. The report contains an overview of the overall developments regarding the European Energy Certificate System (EECS) and of the AIB, as well as more detailed information on the regulatory and market situation in the individual AIB member countries.

In the course of implementing the 2009 Renewable Energy Directive (2009/28/EC), AIB members have made further progress in coordinating their systems of Guarantees of Origin for electricity from renewable energy sources. In addition to the existing 18 members, Landsnet (Iceland) joined the AIB in December 2011.

In an activity which started in 2010, members decided in June 2011 to implement a major revision of the EECS Rules. In the second half of the year, the members focused on implementing these new regulations. This also requires revision of the members' registry systems as they are now required to handle certificates which contain an extended set of information.



In September 2011, the new central inter-registry Hub of EECS was successfully put into operation. This Hub, which replaces the earlier version and to which all members are connected, allows for fast and reliable transfer of certificates between all EECS registries. The new EECS Hub supports both the 2009 RES Directive and the new EECS Rules, and will further increase the reliability of AIB operations. I am grateful to Marcel Doyer of Certiq, who managed the project of developing and implementing the new Hub.

The AIB is convinced that all competent bodies for GO across Europe should become full members in the EECS system. This allows them to use all features of a harmonized system of GO implementation, and it supports a functioning market with no extra fragmentation. However, a number of countries have, for the time being, chosen not to become full members of EECS. Thus, in order to support the reliable exchange of electronic GOs across Europe, the AIB has decided to allow non-members to connect their GO registries to the EECS Hub under certain conditions. These conditions, which are currently under development, will maintain the integrity of GO issued under EECS, but they will allow non-EECS GO to exist in the registries of AIB members along with EECS GO.

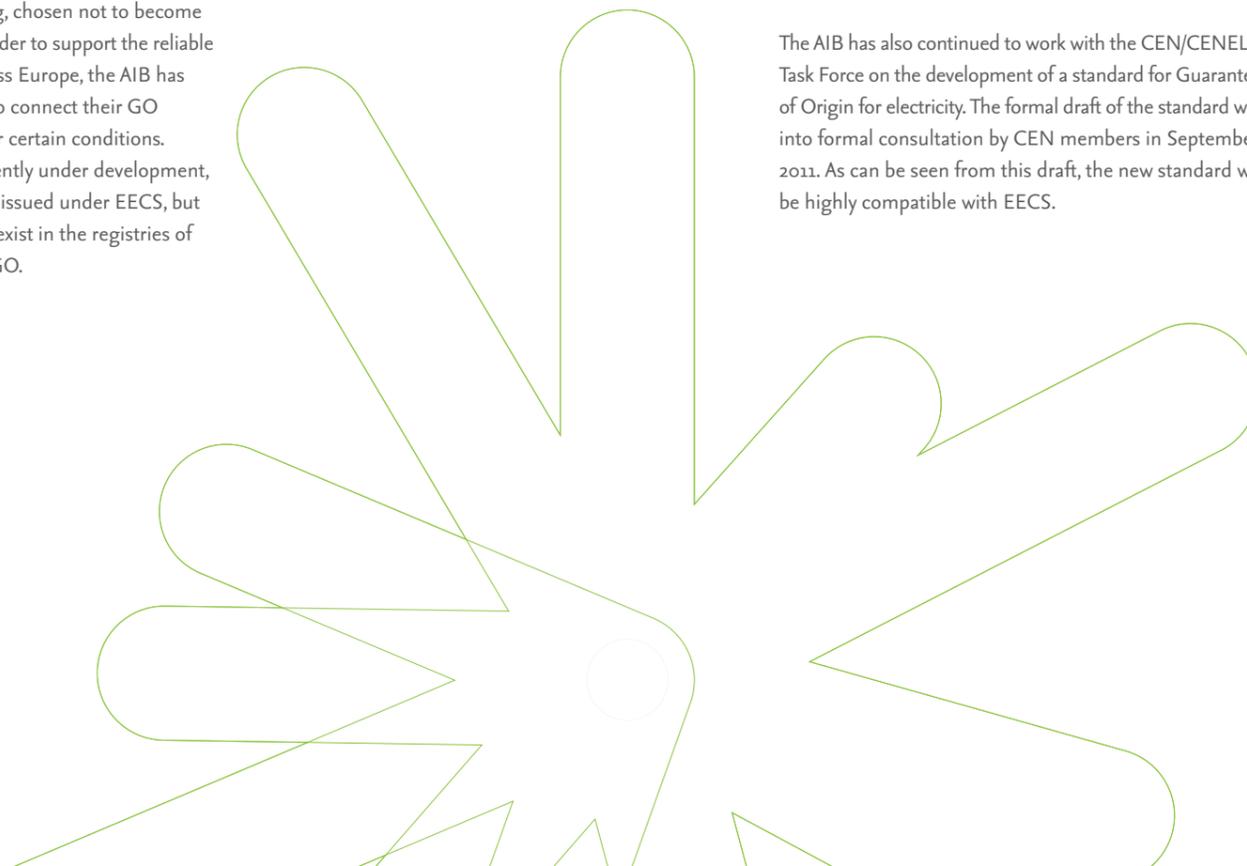
This year, the members of AIB issued the 1 billionth EECS certificate, representing 1 billion megawatt hours of electricity, demonstrating the success of the system. Currently, members of the AIB certify 27% of all European production of renewable electricity.

The AIB has also continued to work with the CEN/CENELEC Task Force on the development of a standard for Guarantees of Origin for electricity. The formal draft of the standard went into formal consultation by CEN members in September 2011. As can be seen from this draft, the new standard will be highly compatible with EECS.

In freshening up its appearance to stakeholders and the public, the AIB has developed a new logo, which you can find on the front page of this report. Also, the AIB website [www.aib-net.org](http://www.aib-net.org) has been extended and was updated continuously.

As in the preceding years, Phil Moody has done a tremendous job in his role as the Secretary General of the AIB, keeping the daily business running as well as pursuing longer term projects. Since summer 2011, Andrea Effinger joined the AIB Secretariat as Phil's assistant and all members have enjoyed the benefits of extended services by the Secretariat. I would like to express my thanks to Phil and Andrea, and to all members who have invested time in working for the Association, in the Board or in the Working Groups, and thus contributed to a successful year 2011 for the AIB.

Christof Timpe, AIB President



## CHAIRPERSON'S STATEMENT



For many years, the mission of the AIB has been for the Association to become the leading enabler of international energy certificate schemes. The standard that the AIB has developed for tracking electricity attributes (EECS – the European Energy Certificate System) is the preferred system used by many European countries to implement the EU Directive on Renewables (RES-E Directive, 2009/28/EC).



The Chairpersons of the Board for 2011 and 2012 have jointly highlighted some of the achievements of the year 2011, and look forward to 2012.

It is now ten years since the Association was established, and 2012 promises to become a very interesting year for the AIB. During this decade, the AIB has grown to a point where it has member organisations representing sixteen countries. A further six countries are in the process of applying for membership, with one resignation from the end of 2011.

This anniversary year will be celebrated with the final implementation of the new EECS Rules. All AIB member registries will by then issue certificates which are fully in line with the requirements for Guarantees of Origin established by the most recent EU Renewables Directive (2009/28/EC).

After some years of hard work on the RES-E Directive, EU Members have been in the process of implementing it in their countries. These national processes provided the AIB with the opportunity to fine-tune the EECS standard in order to future-proof it for the coming years. As a result, the new EECS Rules were accepted by the June 2011 General Meeting in Oslo.

Besides the work on new processes, the AIB also put in a lot of effort to develop a new Hub, which interconnects the certificate registries of its members. This new Hub was launched in September 2011, after it was designed and tested by its members, with Atos Origin developing and supporting the software. The new Hub provides facilities for the secure and reliable transfer of certificates between registries, and for providing information about such transfers. It will strengthen the position of the AIB and its members in the exchange of data concerning electricity from renewable sources and, if necessary, other data, and provides easy access to relevant statistics at a European level.

Getting new members to participate in the AIB is a time-consuming and usually political process. The AIB continues to advise potential new members on implementing a standard that meets the EECS criteria, and naturally looks forward to welcoming these issuing bodies as future members. In 2011 Landsnet (Iceland), Elering (Estonia), Cyprus TSO, Croatia (HROTE), Greece (HTSO) and Germany (UBA) participated in General Meetings of the AIB as observers, and most of these are currently at various stages of applying for membership; in December 2011 Landsnet (Iceland) joined the AIB, subject to the completion of formalities by the Icelandic Parliament.

We anticipate other countries joining the Association in 2012, and are continually seeking to expand our member base, holding frequent discussions with potential members and their governments and competent bodies.

The AIB also decided to freshen up its corporate identity by changing its logo and image. A new logo was selected in order to better promote the nature of the AIB, and of its benefits. With the new logo, we feel more than equipped for the tasks that lie ahead of the AIB.

2011 saw the publication of best practice recommendations, residual mix figures and country profiles by RE-DISS. This EU Commission-backed project aims at improving the reliability and accuracy of the information which is provided to European customers concerning the origin of the electricity they consume. The efforts of RE-DISS towards this aim will continue throughout the first part of 2012, and in October the project concludes with the publication of its final report. A number of AIB members have been working on this project, and its recommendations have been useful in forming AIB policy to the point that many of them have been adopted by the Association.

The AIB now provides a solid and thorough standard for tracking the source of electricity, the EECS Rules. This has become the preferred choice of many European states, including members of the EU and EEA, plus members of the Energy Community.

During 2012, we will continue to improve the EECS standard; our system for facilitating the secure and reliable transfer of certificates (the Hub); and continue the dialogue with both market players and partners, so continuing our support for European certificate trading in the best possible way.

Participants from the different member organisations are assisting the work of the Association, largely on a voluntary basis. They work on a European level and join forces to put in considerable and continued effort, both to promote the Association, and to further develop its offerings and abilities. We would like to thank everyone who has put in this effort. It is not an easy task to keep the focus on this besides the regular work at the office. But all the efforts make AIB what it is today: the leading enabler of the European standard for tracking electricity. It has been fun working with all of you, and we look forward to the continued cooperation in 2012!



# CERTIFICATE ACTIVITY FOR 2011

## Membership

AIB now has a total of 18 members, representing 16 countries (each of the Belgian regions of Brussels, Flanders and Wallonia has its own issuing body).

Iceland is the only new member for 2011, although formal admission awaits the Icelandic parliament completing the legal formalities. On the other hand, Ireland resigned from membership at the end of the year. Several new members are likely to join during 2012, with Croatia, Greece, Estonia, Latvia and Cyprus at different stages of the application process. Discussions are also under way with Poland and Germany.



- 6 Regulators
- 8 System Operators
- 4 Other - e.g. NGOs
- 3 Applicants for membership
- In discussion

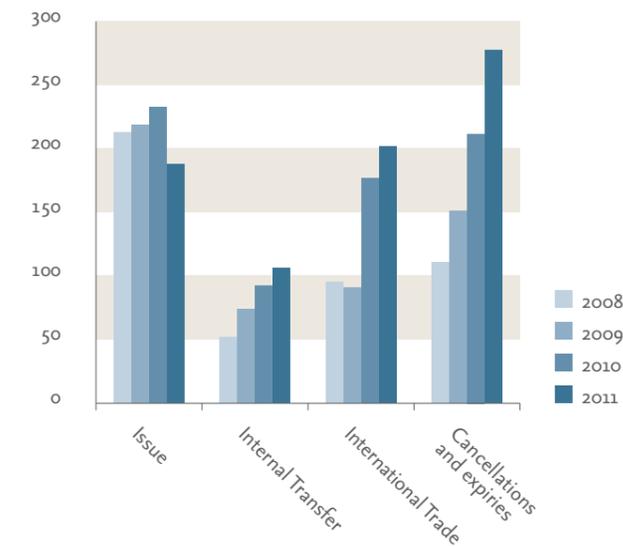
## Market Activity

Market activity continues to increase, with further increases in the quantity of certificates used by suppliers to prove the source of electricity. This has again led to significant increases in internal trade and cancellation, with more and more certificates finding a value.

The number of certificates cancelled and expired in 2011 was 144% of the number produced during the year,

compared with 91% the previous year. This clearly demonstrates that market parties are using up their stocks of certificates in response to the requirement under the EU Renewable Energy Directive (2009/28/EC) for certificates to expire within 12 months of production of the associated energy; and where they are not, then an increasing number of issuing bodies are expiring outdated certificates. With the market now becoming short, it will be interesting to see how market parties react: presumably prices will rise and/or new sources of supply will be utilised.

graph 1 Annual EECS certificate activity (TWh)



The next annual report will separately report cancelled and expired certificates.

The number of issued certificates for electricity produced during 2011 will be finalised during the next few months, and we anticipate a higher final number of certificates

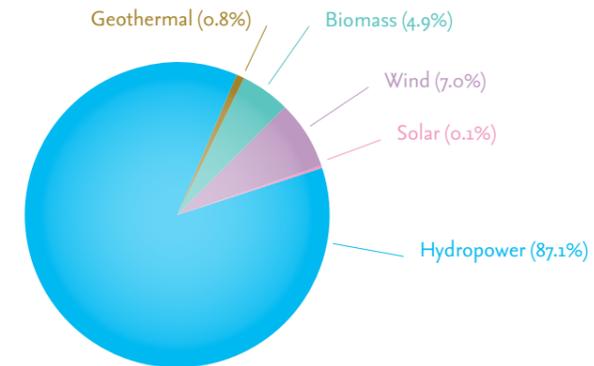
issued for this production year than that shown in the graph. However, it seems likely that less certificates will have been issued in 2011 than in previous years, probably due to reduced rainfall leading to lower reservoir levels in hydroelectricity schemes.

## Source of certificates - technology / energy sources

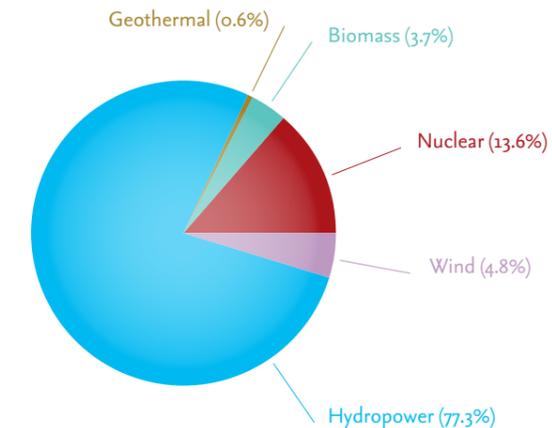
The number of certificates issued for nuclear electricity was not available at the time of preparation of this report. Ignoring this, hydropower continues to be the major source of electricity for which certificates are issued and cancelled.

However, the proportion of certificates issued has increased for biomass (from 4.4%) and wind (from 5.2%) respectively; while the proportion of certificates cancelled has decreased for biomass (from 4.9%) and that of wind has increased (from 3.5%).

graph 2 EECS certificates issued per technology (2011)



graph 3 EECS certificates cancelled per technology (2011)

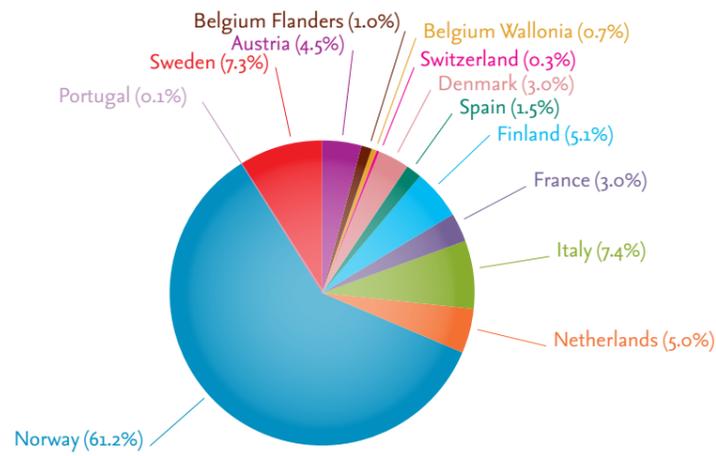


### Source of certificates – country

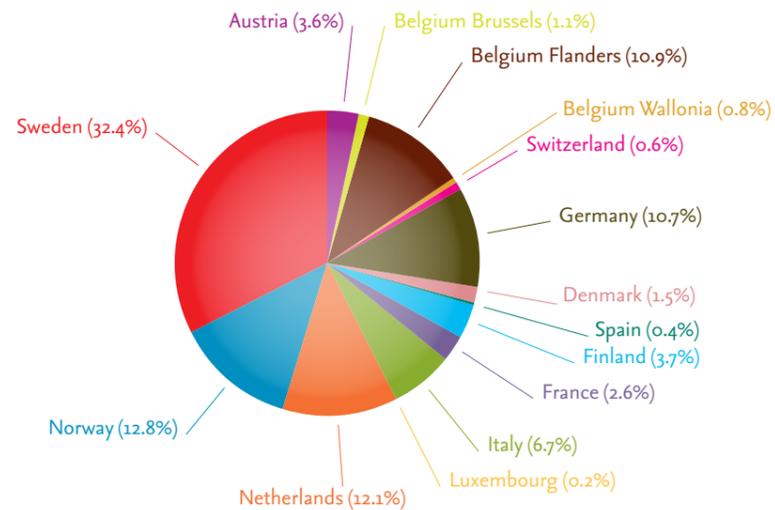
Regarding national activity, Sweden, Norway and Italy are by far the major suppliers of certificates, supplying over 75% of all certificates issued, followed by Austria, Finland and the Netherlands, which issued a further 14%.

Sweden is now the major consumer of certificates, cancelling 32% of all certificates. These include more than 20 million certificates for nuclear power – Sweden is the only country to issue these. Belgium, Norway, the Netherlands, Germany and Italy cancel a further 55%.

graph 4 EECS certificates issued per country (2011)



graph 5 EECS certificates cancelled per country (2011)



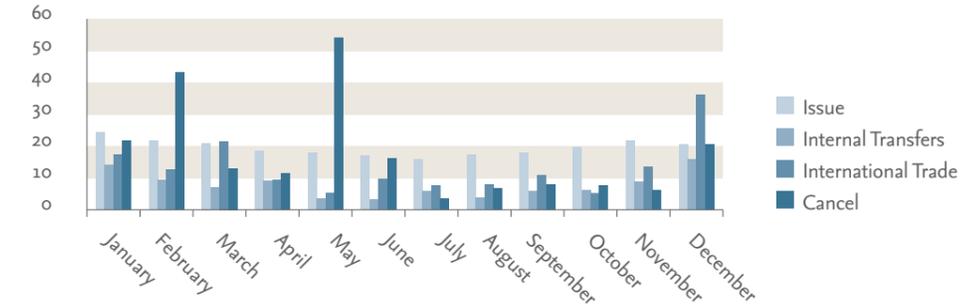
### Annual activity

Activity has continued to increase since 2010, most activities being relatively evenly distributed between months.

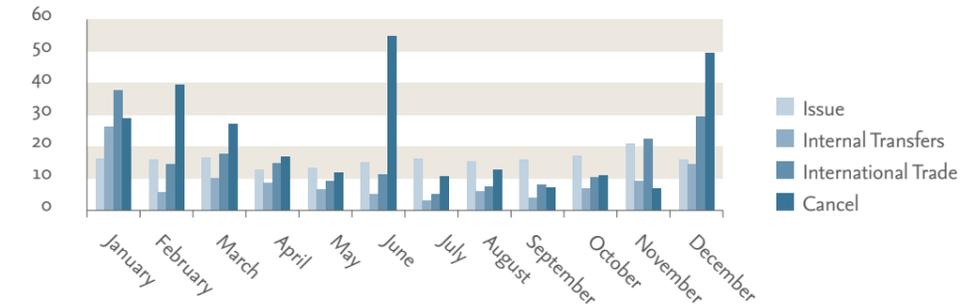
However, the effect of national cancellation deadlines is now becoming apparent, including:

- January - Austria
- February - Norway and Flanders
- May / June - Sweden and Flanders
- December - Wallonia, Sweden.

graph 6 EECS certificate activity 2010 (TWh)



graph 7 EECS certificate activity 2011 (TWh)



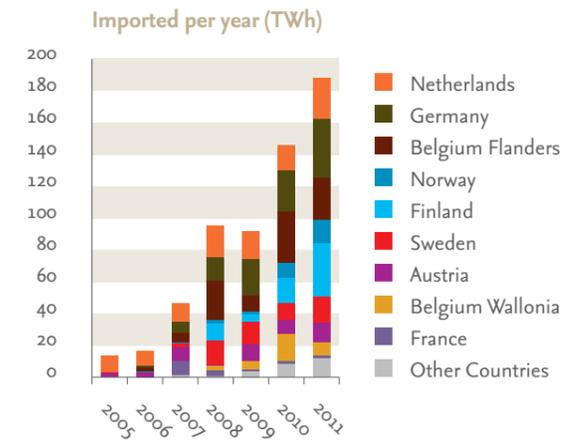
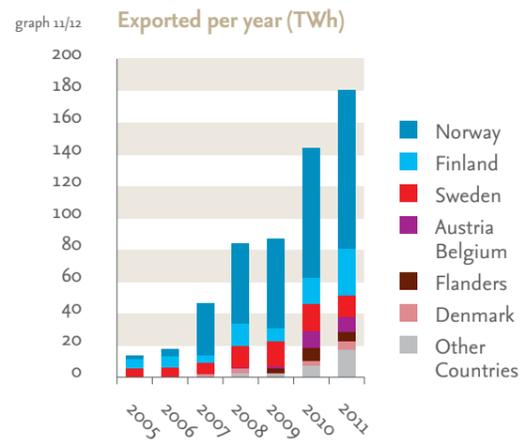
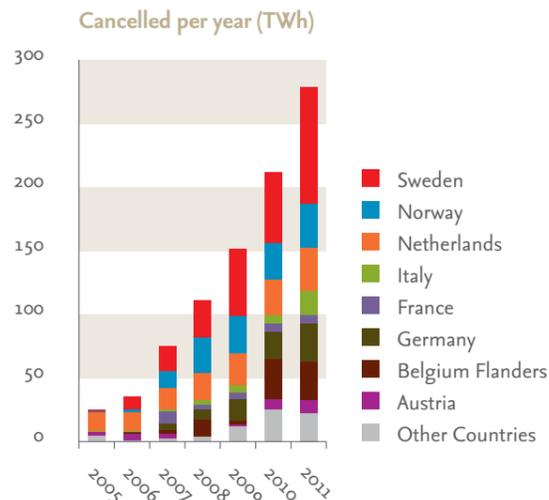
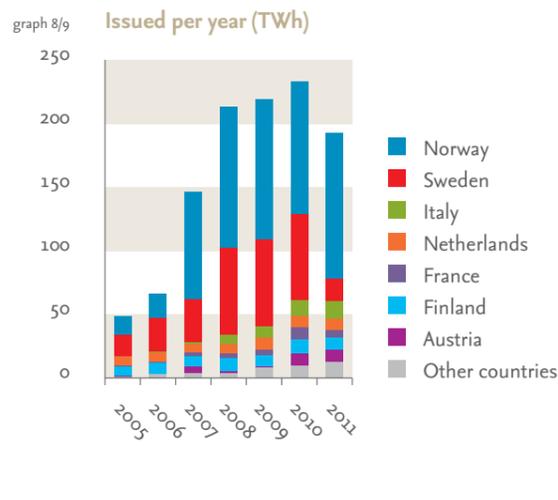
**Cumulative activity - national**

As the following graphs demonstrate, the growth in Nordic issuing – and of issuing in general - has now flattened out, although the issuing of certificates for the remaining 2011 production is likely to continue into 2012.

Cancellation continues to grow, reflecting growing consumption in a number of countries during 2011, particularly the Nordic region, Belgium and Italy.

Externally, there is little difference in activity between the exporting (predominantly Nordic) countries, except that these have now been joined by Austria and Belgium.

However, the contribution of individual importers continues to change: Belgium and Germany have now become the major importers, followed by the Nordic region, then the Netherlands, Austria and France.

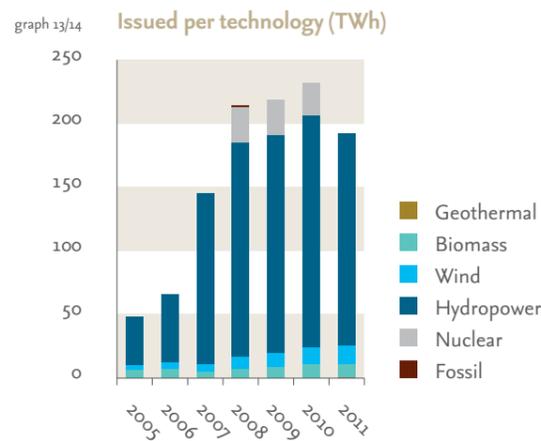
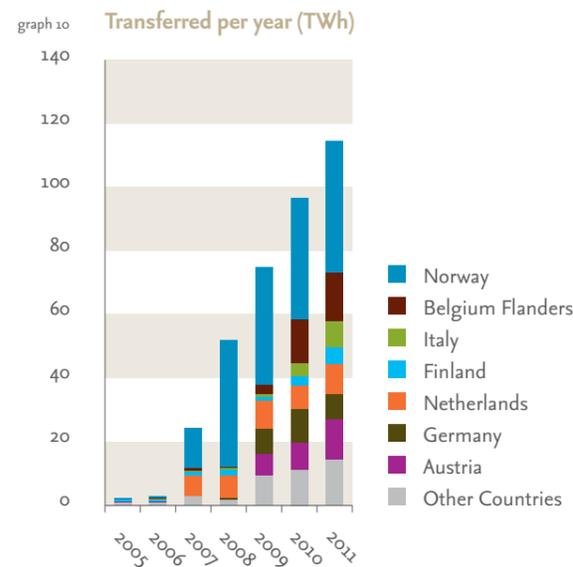


Internal use of certificates continues to rise, with Austria, Belgium and Italy now making a marked contribution.

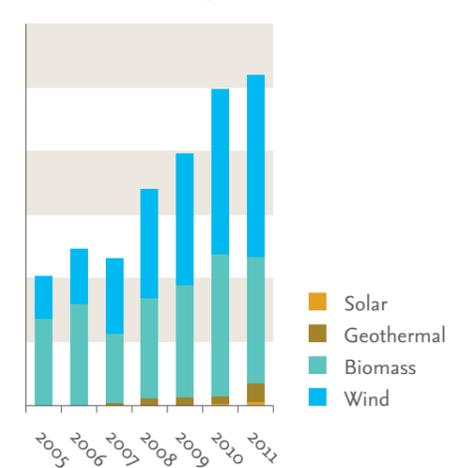
**Cumulative activity - technology**

From the perspective of technology, production and transfer of electricity from hydropower remain predominant among energies,

followed by wind and biomass (statistics for the issuing of certificates for nuclear electricity not being available yet).

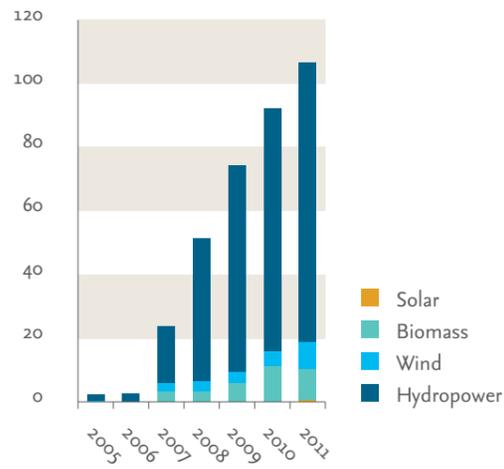


**Issued per non-hydro, nuclear and fossil technology (TWh)**



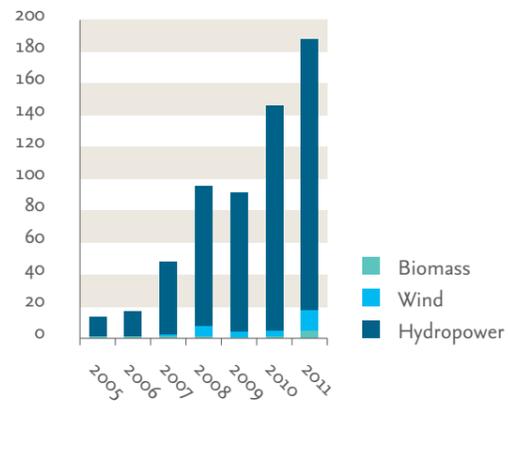
graph 15/16

Transferred per technology (TWh)



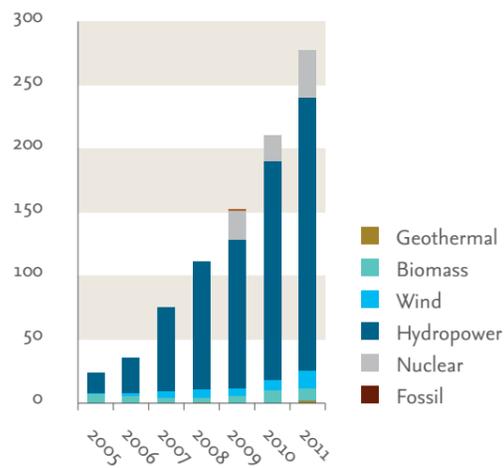
However, this ignores the contribution of nuclear certificates, which are issued and cancelled by their producer (for disclosure purposes) without being transferred.

Imported per technology (TWh)

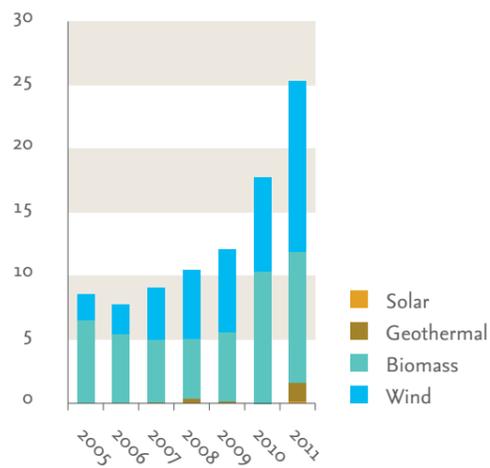


graph 18/19

Cancelled per technology (TWh)



Cancelled per non-hydro, nuclear and fossil technology (TWh)



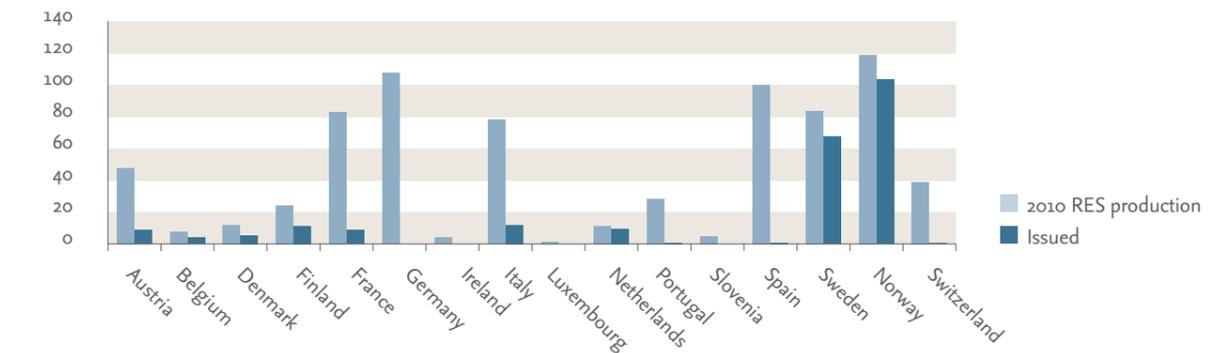
**EECS market penetration**

It is interesting to compare renewable electricity production in member countries with the number of EECS certificates issued.

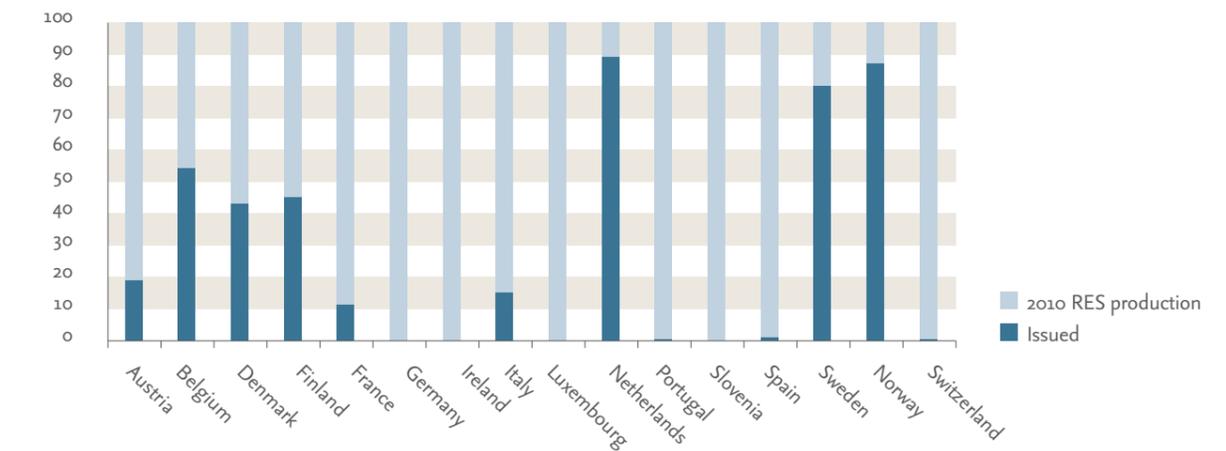
These show that (with the exception of Norway, Sweden and the Netherlands) AIB still has some way to go if it is to fully reflect the market in renewables. However, it is gratifying to see that some member countries, such as Belgium, Denmark and Finland, have made significant strides to realise their potential within EECS.

In the absence of conclusive and reliable statistics regarding the production of electricity during 2011, the following graphs relate to electricity produced in 2010.

graph 20 EECS market penetration (Million's)



graph 21 EECS market penetration (%)

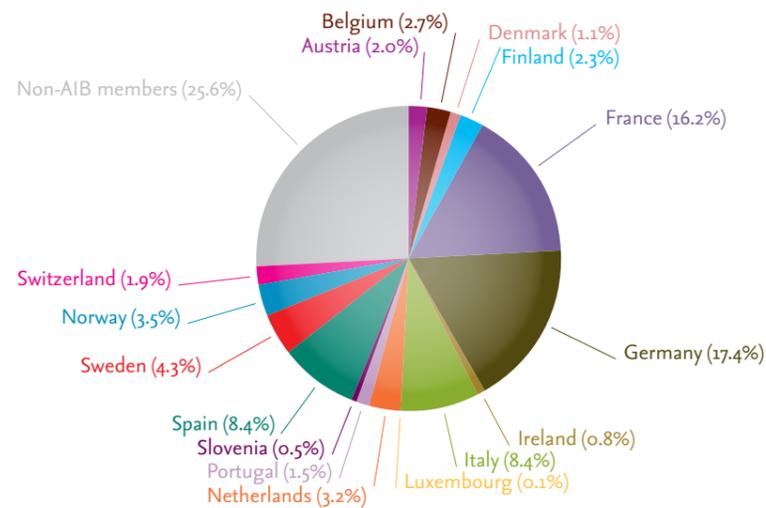


## 2011 ACHIEVEMENTS

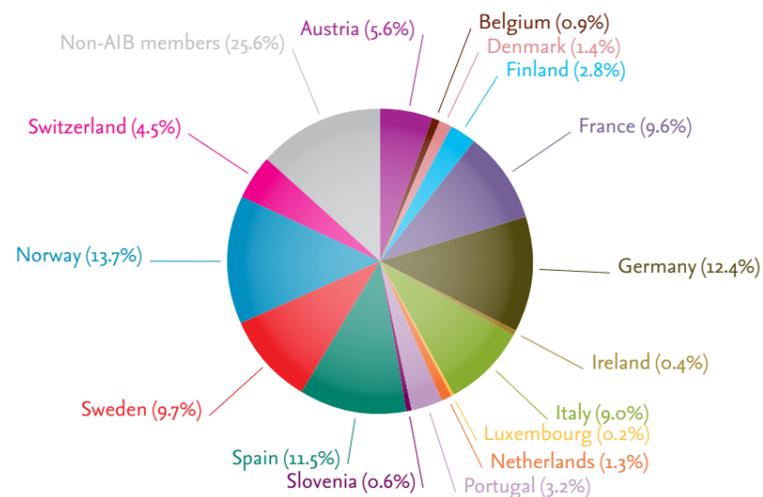
The following graphs, also relating to 2010 production, show clearly that AIB members cover regions which, during 2010, were responsible for the production of 74% of European electricity, 87% of which was from renewable sources. Hence the electricity for which certificates are not issued is either:

- 1 produced by a country which is not yet a member of AIB; or
- 2 produced by a member of AIB which does not yet support EECS for all forms of certificates, or which does not yet support EECS for some production (e.g. only for external trade); or
- 3 not certified, due to lack of demand; or
- 4 not certifiable, as it has received support and this electricity is included in the mix supplied to consumers.

graph 22 European 2010 electricity production by source



graph 23 European 2010 RES-E electricity production by source



### New EECS rules

A major change that has taken place in 2011, and which impacts all members, is the implementation of the new EECS Rules, which replaces the old Principles and Rules of Operation ("the PRO").

This introduces substantial changes to the regulation of AIB and its members, implementing the new RES Directive (2009/28/EC); enlarging the scope of EECS to include all energies and all countries; rationalising and clarifying the current regulations; and homogenising the market and so helping to improve liquidity.

The major changes to the regulations lie in:

- The linkage between EECS certificates and obligatory and voluntary schemes has been improved
- The contents of an EECS certificate now supports the new RES Directive
- Certificates now identify the schemes they are eligible for, rather than having a type of certificate for each scheme (note: the member reports show membership of the old schemes - e.g. RECS, RES GO etc. - in future, the scheme will simply be "electricity" etc.
- The concept of 'EECS Products' has been introduced (a product being the result of either the implementation of an obligatory certificate or voluntary ICS within a specific domain)
- Certificates may no longer be cancelled in one domain for use in another ('ex-domain cancellations'), unless transfer is technically impossible
- The competent body for a domain must be informed if any certificate is cancelled by another issuing body in that domain
- 'Independent Criteria Schemes' have been introduced to identify certificates which are eligible for use with a voluntary scheme and
- Old and new certificates may now be transferred between domains.

The new regulations will gradually replace the old regulations between 1st April 2012 and 31st March 2013.

### New hub

The initial implementation of the AIB Hub demonstrated the concept of a central point of contact for registries; and 2011 saw its replacement with a more robust, fully-featured Hub, developed for the AIB by Atos Origin.

The new Hub fully replaced the old Hub in a 'big bang' implementation, which took place on 1st September 2011.

As some competent authorities have legal reasons for not joining non-governmental, voluntary bodies such as AIB, the availability of the Hub has opened the door for AIB to offer non-members access to the Hub. Not only will this extend the reach of the network, it also serves to protect the quality of GOs for account holders and competent bodies.

### New image

At the September 2011 Amsterdam general meeting, the AIB decided to change its logo as the first step in developing a more up-to-date corporate image, which it saw as necessary to reflect the huge amount of work accomplished by the AIB during the period 2009-2011, leading the Association into a whole new world. This included implementing the redrafted EECS Rules and the new registry-to-registry systems Hub. The new visual identity of AIB symbolises this new era.

Further to the redesign of the logo, AIB has updated all of its stationery and standard presentation formats, and will continue by reshaping and redesigning the AIB website (at [www.aib-net.org](http://www.aib-net.org)), along with other communication materials such as this annual report.

### Audits

During 2011, the remaining audits were conducted, with three reviews being completed during the year for:

- Portugal: REN was audited by Grexel (Finland/Sweden) and GSE (Italy).
- Slovenia: AGEN-RS was audited by CWAPE (BE-W) and GCC (Ireland / Spain).
- Spain: GCC (Spain) was audited by Grexel (Finland) and Swissgrid (Switzerland).

The aim of these reviews is to check the practical implementation of a Domain Protocol by the corresponding issuing body. The most frequent observations of these peer reviews is that Domain Protocols are too general compared with the actual and specific practice of the Issuing Bodies, and need to be better tailored to the day to day business of the IBs.

These peer reviews also enable exchange of practical knowledge about processes, which is very beneficial to members, and offers an excellent opportunity to report to the General Meeting of the AIB general issues which are of relevance to all members.

## EXTERNAL LIFE

### Market Committee

The 4th Market Committee was held in September 2011, in Amsterdam. The meeting was well attended, and enabled RECS market players and AIB members to exchange views on several important topics. The first subject raised by the AIB was the transition from the old to new EECS rules, which would take place commencing 1st September 2011 and complete 31st March 2013.

Christof Timpe explained that from 1st April 2012, certificates that do not correspond to the new exchange standard (v70) will no longer be transferable through the Hub. Such certificates should expire by the 1st April 2013 so that, from this date, no more old-format certificates will be held in EECS registries.

The AIB Secretary General updated the meeting with the latest news on the CEN standard. This should be ready by 23rd June 2013, and was made available for consultation by national teams from September 2011 until February 2012.

The RE-DISS project was also touched upon: Christof Timpe explained the most relevant Best Practice Recommendations to the attendees. RECS International informed the meeting of a new project, on which RECS International, EEB and different labelling organisations would work to create a foundation that would set up a voluntary standard for renewable energy products.

### Participation in projects: RE-DISS

The AIB continues to take part in the meetings organised in the framework of the RE-DISS project. It participated to the 4th and 5th workshops held in May and October 2011, in Brussels. Numerous designated authorities were present and discussed RE-DISS Best Practice Recommendations.

2011 has witnessed the launching of a very important taskforce, combining members of AIB and those members of the RE-DISS project who were also AIB members. Its aim was to reflect on the opportunity for AIB to open its Hub to users that did not intend to become AIB members. The taskforce, led by E-Control, came to the conclusion that it would be a good opportunity for AIB to create a linkage with those new competent authorities for guarantee of origin schemes that would be reluctant to become AIB members. This linkage is a way of lessening the burden on AIB members to create a bilateral connection. However, some technical and legal conditions must be met, and these will be defined during the first half of 2012, with the aim of making this service available later in 2012.

### Recruitment of new members

Landsnet hf., the Icelandic TSO, has been appointed as the Competent Authority for RES-GOs by the Act relating to guarantees of origin of electricity from renewable energy sources no. 30 of 2008. RECS International has also designated Landsnet as the Issuing Body for RECS certificates in Iceland.

Landsnet has put forward a Domain Protocol for its electricity scheme, and has been accepted by the AIB on condition that it produces the document which implements the new RES Directive in Icelandic legislation. This reference has yet to be produced by the ministry.

Elering, the Estonian TSO, is also in the process of applying, and awaits designation from the Estonian government as Competent Authority for GOs. The two countries should become AIB members in 2012.

## INTERNAL LIFE

### AIB - Officials

The decision-making body of the AIB is the General Meeting, which meets quarterly at various locations in Europe. Meetings tend to be over a two-day period, to enable decisions to be made at working and executive level. Normally, there is a social event associated with meetings, usually a dinner, giving members the opportunity for informal discussions.

The President of the Association is Christof Timpe of Oeko-Institut, Germany.

The General Meeting, Board and Working Groups are supported by the Secretariat; the Secretary General being Phil Moody of UK. Phil is assisted by Andrea Effinger of Germany regarding Working Group External Affairs, the Working Group chairperson's meeting, the Market Committee and the Joint Board; and by Anne Cathrine Petersen of EdiSys regarding Working Group Systems.

The Management Board is responsible for day-to-day management of the Association, and meets monthly, alternating physical meetings with teleconferences. The general cycle of meetings is organised so that budgetary plans are approved at the December General Meeting. In 2011, Louise Ronne Christensen of Energinet.dk (Denmark) became chairperson of the Board during the period April to September, after which Gineke van Dijk of CertiQ (Netherlands) was temporarily reappointed as chairperson of the Board for October and November. Ingrid Nyttun Christie took over chairpersonship of the Board in December.

The other Board members were Natascia Falcucci of GSE, Italy; Diane Lescot of Observ'ER, France; Jan van der Lee of CertiQ, Netherlands; Thierry van Craenenbroeck of VREG, Flanders (who resigned in March); Louise Rønne Christensen of Energinet.dk, Denmark (who resigned in September); and Lukas Groebke of Swissgrid, Switzerland, who became Treasurer in March in place of Thierry van Craenenbroeck.



## WORKING GROUP INTERNAL AFFAIRS

Working Group  
Internal Affairs  
(internal regulation  
of the Association,  
and administration  
and development of  
the EECS standard)  
chaired by Rolf Jorgensen  
of Statnett, Norway

### 2011 Activity

2011 was all about finalizing and implementing the EECS Rules.

Based on the experience gained with 10 years of practice of the former Procedures and Rules of operations (PRO), the EECS Rules are fully compatible with the 2009/28/EC Renewable Energy Directive, and now provide for the expiry of RES GOs and support the additional fields resulting from this Directive:

- A standard face value of 1MWh;
- The identity, location, capacity and date operational of the production facility;
- The source of the produced energy; and
- The date and country of issue, and the identity of the competent body

Furthermore GOs from other energy sources are treated the same way, thus establishing a homogeneous practice for GOs regardless of source.

Other improvements to EECS include eco-labelling provisions on guarantees of origin (called independent criteria schemes) in order to accommodate for example sustainability criteria for inputs or for supplied electricity; allowing for other mediums of energy besides electricity; and permitting each issuing body to hold, transfer and cancel all kinds of certificates, etc.

Special attention was given to efficiency, robustness, functional correctness and security of certificate management practices. Improvements were also made to the treatment of electricity consumed by auxiliaries, multi-fuels, the content of cancellation statements and interconnection to the upgraded Hub.

The implementation of the EECS rules and the new HUB will proceed as follows:

- The EECS rules are enforced as of September 1st 2011
- The HUB is operational as of the same date
- Members have to upgrade their registries by the end of March 2012
- During the transitional period, lasting from September 1st 2011 to March 31st 2013, certificates issued both under the old regime (i.e. the PRO) and the new EECS rules will be transferable through the HUB
- AIB will cease to support transfer of certificates issued under the old regime as of April 1st 2013

### Function of Working Group Internal Affairs

WGIA main responsibility is to maintain and develop regulation on membership and the EECS rules, i.e. the inter-party arrangements (contracts, rules and procedures) for transfer of certificates. Furthermore, it provides members and subgroups with legal advice relating to AIB activities and strategy, to an effective relationship between AIB and its members, and to cooperation with third parties.

Legal advice is also provided concerning matters such as AIB intellectual property and the resolution of disputes relating to the internal governance of the Association.

In addition, assistance is also given to prospective members.

## WORKING GROUP SYSTEMS

Working Group Systems  
(interfaces between  
computer systems)  
chaired by Ed Everson,  
of GCC, UK

Working Group Systems is responsible for development and maintenance of interfaces between registries and the overall functionality and management of the Hub service. Related issues, such as common registry functionality and data visibility, also fall within the remit of this group.

2011 saw the successful deployment of a new Hub system, providing the central exchange service for international transactions. The new Hub will provide a number of enhancements over the previous system, improving resilience, flexibility, monitoring and support, user interfaces and testing facilities for registry operators. Another major milestone during 2011 was the agreement of a new interface standard (known as v70) which incorporates support for significant AIB initiatives such as the adoption of

Independent Criteria Schemes and revised coding of technology and fuel types. This new standard is to be rolled out to all Issuing Bodies during 2012.

As has been the case over recent years, AIB standards continue to evolve in order to maintain pace with EU and national legislation, with support for new certificate types and modifications to data requirements for existing certificates regularly featuring on the agenda. The Working Group endeavours to ensure that updates to standards and services are managed and coordinated to minimise impact on registry operators whilst at the same time meeting the requirements of other stakeholders such as traders.

## WORKING GROUP EXTERNAL AFFAIRS

Working Group  
External Affairs  
(provision of information)  
chaired by Diane Lescot,  
of Observ'ER, France and  
Claudia Delmirani  
of GSE, Italy

Working Group External Affairs conducted its regular activities, which involved producing statistics and newsletters, publishing the annual report and maintaining the website. One member of the working group left the AIB so WGEA is left with 3 official members supported by the Secretariat. It is seeking new members.

The focus of WGEA in 2011 was to launch the process of defining a new image for AIB. This started with the production of the new AIB logo that you can see on the cover of this report, which will set the style for all communication materials used by the AIB. Document templates were the first step after that, and these have all been changed to match the new logo. The annual report also displays the new visual identity. The redrafting of the website is ongoing and will be ready in the second quarter of 2012.

## BUDGET / ACTUAL EXPENDITURE AND INCOME

Expenditure in 2011 exceeded income by € 58,334 income being € 26,708 more than had been forecast; while expenditure was € 101,034 under the allocated budget. This has enabled AIB to retain cash reserves at 31<sup>st</sup> December of € 306,886.

Annual costs	Budget	Expenditure	Variance
Administration	262,321.35	213,661.56	48,659.79
Working Group Internal Affairs	85,000.00	76,303.80	8,696.20
Working Group External Affairs	42,000.00	37,187.55	4,812.45
Working Group Systems	260,756.00	221,890.03	38,865.98
2011 expenditure	650,077.35	549,042.93	101,034.42

Annual income	Budget	Income	Variance
2011 income	464,000.00	490,708.61	26,708.61

### Position against budget

#### Income

Income was € 26,708 over the allocated budget. This was due to greater levels of activity than expected in Belgium (Brussels and Wallonia), Switzerland, Denmark, Spain, Finland, Italy, Luxembourg, Norway and Sweden; despite lower levels of activity than expected in Austria, Belgium (Flanders), France, the Netherlands, Portugal and Slovenia.

#### Expenditure

In total, expenditure was € 101,034 under the allocated budget.

The cost of the **Secretariat** was € 48,659 lower than expected. This was due to lower costs than anticipated for the secretariat (€ 28,053 under budget) owing to the Secretary General's assistant not being engaged until summer 2011 and not fully utilized; and there being no requirement for office accommodation (€ 7,200).

**Banking** costs were more than covered by interest received (a variance of € 128).

**Expenses** were € 7,697 lower than anticipated. While teleconferencing proved more popular than in previous years (€ 568 overspend), there was underspend on AIB financial audit (€ 529), meetings (€ 2,760), travel costs (€ 4,306) and sundries (€ 670).

**Regulatory advice** was underspent by € 1,370.

Within **Working Group Systems** and **Task Force Hub**, costs were in total € 38,865 less than expected.

Expenditure on hosting and supporting the old Hub was € 11,106 under budget, due to its replacement in a "big bang" implementation meaning that it was not necessary to support the old Hub after August 2012.

Expenditure on the new Hub was € 38,446 lower than the allocated budget, due to cheaper than expected cost of converting the new Hub to implement version 70 of the XML, and the contingency of € 12,726 being unspent. Also unspent was the allowance for the "super user" (€ 24,000): WGS support was € 10,686 over budget, which supports the decision in the 2012 budget to combine these items.

**Working Group Internal Affairs** spent € 8,696 less than its allocated budget, principally due to nothing being spent on engaging professional auditors to audit members (€ 10,000 under budget), and legal advice being € 7,696 under budget; although this was offset by an overrun of € 9,000 relating to technical support and attributable to a higher workload that had been anticipated drafting the CEN standard and completing EEC implementation.

**Working Group External Affairs** expenditure was € 4,812 under the allocated budget, being due to the lower than expected costs of printing (€ 4,682), artwork (€ 815) and managing the trademark EECS (€ 4,794). However, this was offset by overspend on secretarial support (€ 3,000) and website support (€ 2,479), due to the additional work of redeveloping the website and the unbudgeted hosting costs.

Funds allocated to **EPED** were left unspent.

### Position at Jyske Bank

2011 commenced with € 359,224 brought forward in the bank account. Receipts of € 495,862 for membership and meeting attendance fees, plus VAT refunds of € 57,914 and bank interest of € 1,012 were offset by expenditure of € 607,126 resulting in € 306,886 carried forward to 2012.

Invoices have now been received for all work commissioned during this period; € 55,023 being set aside for invoices that had, at the beginning of the year, been received but had not yet been paid.

## REPORTS FROM MEMBERS/ FROM OBSERVERS

The following pages give details of each of the members of the AIB during 2011; and summarise the major events of 2011 and the expectations of 2012 for members and their countries.

The implementation of the new EECS Rules, replacing the old Principles and Rules of Operation ("the PRO"), substantially changes the regulation of AIB and its members, implementing the new RES Directive (2009/28/EC), enlarging the scope of EECS to include all energies and all countries, rationalising and clarifying the current regulations, and homogenising the market and so helping to improve liquidity.

A change that affects the member reports will occur in 'scheme membership': certificates now identify the schemes they are eligible for, rather than having a type of certificate for each scheme. Note: the member reports still show membership of the old schemes – e.g. RECS, RES GO etc. In the future, the scheme will simply be "electricity" etc.

The scope of national participation in EECS shows the degree to which EECS is implemented in that country, according to the best available statistics.



## E-CONTROL

Name of the company  
Energie-Control Austria

Area of operation  
Austria

Address  
Rudolfsplatz 13A  
A-1010 Wien  
Austria

[www.e-control.at](http://www.e-control.at)

### REPORT FROM MEMBER

#### Profile of the organisation

Energie-Control Austria is the Austrian Energy Regulator

#### EECS scheme membership

The Austrian GO Database was established in 2002. Several adaptations have been made since then.

E-Control is member of two EECS certificate schemes:

- Guarantees of Origin (RES GO) for electricity production from renewable energy and
- RECS certificates.

Guarantees of origin for renewable electricity (RES GO) are of most importance, as they are the only type of certificate that is precisely defined in the EU Directive (2001/77/EG and 2009/28/EG). Further, only RES GOs can be accepted for disclosure in Austria due to national law implemented this year.

Participation in the EECS CHP GO scheme is dependent on market demand. So far, Austrian market participants have not shown much interest in importing and exporting CHP GOs.

#### Member of the AIB

Energie-Control joined the AIB in the summer 2001 in the course of the Helsinki Meeting. Ever since, Energie Control has actively contributed to the development of the Association. For instance, Walter Boltz, Executive Director of Energie-Control, headed the AIB as its President from summer 2004 to summer 2006.

#### Activities within the AIB

Angela Puchbauer-Schnabel is Chair of Task Force Non Member Services and a member of Working Group Internal Affairs. Furthermore, Angela represents Energie-Control as a partner in the RE-DISS project.

#### News and perspectives regarding national electricity framework

The new EU Directive 2009/28/EG requires a number of adjustments at national and AIB level. The Austrian national electricity act (ElWOG, Elektrizitätswirtschafts- und Organisationsgesetz) was implemented in March 2011. With this law, Energie-Control got permission to implement a labelling by-law which has been in operation since 14th September 2011. The regulations contain detailed specifications of the display format and certificates, and lead to increased transparency for the final customers.

The requirements of Article 15 of Directive 2009/28/EC will be implemented in the Austrian Database by 1st January 2012. Furthermore, the technical requirements of version 70 of the XML, which are necessary for the connection to the new Hub, will be fully implemented by 1st January 2012.

#### News and perspectives regarding the national issuing body

Energie-Control was transformed into an “Anstalt öffentlichen Rechts” (public authority) and will continue its efforts in having a transparent system in operation.

Once a market for CHP GOs has developed, Energie-Control will join this scheme.

“Being part of the team enables to be part of the implementation of a reliable system.”

#### Benefits to the company of AIB membership

“The AIB is an excellent platform for exchange of good practices between Issuing Bodies. The members are working on a Europe-wide transparent implementation of the electronic system for Guaranties of Origin. The AIB provides us a high quality assurance driven by the European Directives and the national requirements. Being part of the team enables to be part of the implementation of a reliable system.” says Angela Puchbauer-Schnabel.

#### Scope of national participation in EECS

Number of registered scheme participants	10
--	----

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
2,867	16,960

Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Hydro *	2,697	15,927
Wind *	170	1,033

\* estimated number

Certified EECS production as compared to national RES production

EECS RES production (TWh)	National RES production (TWh)
9.9	43.9

Name of the company  
Brugel (Energy Regulation  
Commission in the Brussels  
– Capital Region)

Area of operation  
Brussels region (Belgium)

Address  
Avenue des Arts 46  
B-1000 Brussels  
Belgium

[www.brugel.be](http://www.brugel.be)

REPORT FROM MEMBER

**Profile of the organisation**

Regulator. For the Brussels region, BRUGEL is the body in charge of regulating the electricity and gas markets. Its role is to provide good advice and guidance to public authorities. While the federal regulator keeps other statutory powers (e.g. transport, tariffs, nuclear power), BRUGEL is the sole authority in charge of distribution, public service obligations, generation from renewable energy sources or combined heat and power systems (CHP).

**EECS scheme membership**

BRUGEL was accepted into the EECS RES GO scheme in September 2008.

Guaranties of Origin are issued according to Brussels legal texts. However, for the moment, all renewable and CHP electricity produced by the current production devices is, or is considered as, directly consumed by the producer. Hence, the corresponding Guarantees of Origin are immediately cancelled. As a result, these GOs cannot be the object of a transaction, nor can they be used for disclosure purposes. Consequently, they do not enter the EECS-GO-scheme.

**Member of the AIB**

BRUGEL has been a member of the AIB since 2008.

**Activities within the AIB**

BRUGEL was a member of the Working Group External Affairs until mid-2009.

**News and perspectives regarding national electricity framework**

A support mechanism has been in place since 2004 for the generation of renewable and CHP electricity (considered locally as “green electricity”) in the form of green certificates. A green certificates quota obligation is imposed on suppliers and managed by BRUGEL. The support mechanism is linked to that of Wallonia, in that suppliers can give Walloon green certificates for their Brussels quota obligation if all Brussels green certificates have been used.

Brussels has implemented guarantees of origin (GO) since January 1<sup>st</sup> 2007, in order to allow suppliers to inform final customers about the source of electricity (GOs being used as disclosure certificates). Each final customer would be able to choose between electricity products containing various proportions of renewable and/or high efficiency CHP electricity based on GOs.

**News and perspectives regarding the national issuing body**

-

“to benefit from the sharing of experiences of all the actors involved”

**Benefits to the company of AIB membership**

Being part of AIB enables BRUGEL to participate in the implementation of a harmonised certificate system, and to benefit from the sharing of experiences of all the actors involved.

**Scope of national participation in EECS**

Number of registered scheme participants	Unavailable
--	-------------

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
Unavailable	Unavailable

Registered production devices and total capacity installed per technology

Technology	Number of production devices*	Total capacity installed per technology (kWe)
Unavailable	Unavailable	Unavailable

Certified EECS production as compared to national RES production (from 1st November 2010 until 31st October 2011)

EECS RES production (MWh)	National RES production (MWh)
Unavailable	Not yet known for 2011



Name of the company  
VREG

Area of operation  
Flanders (Belgium)

Address  
Koning Albert II-laan 20 bus 19  
1000 Brussel  
Belgium

[www.vreg.be](http://www.vreg.be)

REPORT FROM MEMBER

**Profile of the organisation**

VREG is the regulator for Electricity and Gas within the Flanders region of Belgium.

**EECS scheme membership**

VREG is a member of the EECS RES GO scheme.

**Member of the AIB**

VREG has been a member of the AIB since 2006.

**Activities within the AIB**

The representative of VREG on Working Group Systems is Katrien Verwimp.

Thierry Van Craenenbroeck represents VREG on the RE-DISS project.

**News and perspectives regarding national electricity framework**

A split between support certificates and disclosure certificates is forthcoming – the legislation is under development.

**News and perspectives regarding the national issuing body**

VREG remains the issuing body for guarantees of origin in Flanders. Legislation regarding support certificates for renewable heat is under development, and these will also be issued by VREG.

“the general fuel mix for 2011 in Flanders was increased to 54% of electricity from renewable resources”

**Benefits to the company of AIB membership**

“Flemish own production only accounted for a little less than 9% of consumption but, due to RES GO imports via the AIB Hub, the general fuel mix for 2011 in Flanders was increased to 54% of electricity from renewable resources” says Katrien Verwimp.

**Scope of national participation in EECS**

Number of registered scheme participants	165.401
--	---------

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
167.655	2.460.655

Registered production devices and total capacity installed per technology

Technology	Number of production devices*	Total capacity installed per technology (kWe)
Biogas - other	49	81,252
Biogas - Sewage gas	15	4,175
Biogas - Land fill gas	13	15,720
Biomass selectively collected waste	12	329,582
Biomass municipal waste	9	36,400
Biomass forestry-agricultural	37	314,458
Hydropower	15	995
Wind Onshore	85	288,238
Solar Photovoltaic	167,420	1.389,835
total	167,655	2.460,655

\* in Flanders to which GOs are issued

Certified EECS production as compared to national RES production (from 1st November 2010 until 31st October 2011)

EECS RES production (MWh)	National RES production (MWh)
1,985,212	3,252,380



Name of the company  
Commission Wallonne  
pour l'Énergie (CWAPE)

Area of operation  
Wallonia (Belgium)

Address  
Avenue Gouverneur  
Bovesse, 103-106  
B-5100 Namur (Jambes)  
Belgium

[www.cwape.be](http://www.cwape.be)

## REPORT FROM MEMBER

### Profile of the organisation

Regulator of electricity and gas, in charge of enforcing public service obligations and distribution regulations, and developing renewable: support system, electricity tracking and integration into the grid (see REDI project).

### EECS scheme membership

CWAPE is a member of the EECS RES GO scheme since 2009. While it has no pending scheme memberships, CWAPE may potentially issue EECS CHP GO.

### Member of the AIB

CWAPE has been a member of the AIB since 2007.

### Activities within the AIB

Pierre-Yves Cornélis is a former chairperson of the Working Group Internal Affairs. CWAPE is a member of EPED (the European Platform for Energy Disclosure).

### News and perspectives regarding national electricity framework

#### Support

- **Context:** the current support system based on green certificates (i.e. specific support certificates) has demonstrated its efficiency in developing affordable renewable and CHP. This support is based on the extra costs (when compared to conventional plants) of the technology (banding) and the measured environmental performance of the individual plant (avoided CO<sub>2</sub> emissions).
- **Quota:** for 2011 and 2012, the quota has been set to 13.50% and 15.75%. Beyond 2012, discussions on the yearly increase are still ongoing based on a proposal by CWAPE to reach at least 33% by 2020.
- **Market price of support certificate:** The current oversupply of support certificates is driving the spot price down (see Belpex's Green Certificate Exchange).
- **Joint schemes within Belgium:** It is still unclear whether the scope of discussions between regions would include extending the mutual recognition of green certificates already applied between Wallonia and Brussels to Flanders. It is unlikely for Federal offshore wind.
- **Review of support level:** Every 3 years, the support level granted to generators by way of green certificates is assessed for each technology. The number of green certificates issued for each MWh will be adapted accordingly for new plants set up for the next period. Small PV's now receive fewer support certificates per MWh than previously, but they remain quite profitable, given the fall in photovoltaic prices.
- **New installations:** About 18,000 new small (< 10kW) photovoltaic plants were set up in 2011, 20% more than last year. A similar figure is expected for 2012. More than 80 plants (biomass, wind...) up to 20 MW were commissioned last year.

- **Sustainability criteria:** Wallonia has been actively applying demanding sustainability criteria since 2002, especially for solid and liquid biomass. Implementation of Directive will increase supply of sustainable biomass, but harmonisation remains challenging, even with projects like Biograce.

#### Disclosure:

- From good practices exchanged in EPED and RE-DISS, a few improvements to our disclosure system have been introduced (e.g. mandatory GO cancellation prior to fuel mix declaration). On the other hand, monthly reporting remains to the regulator of renewable products and monthly cancellation of guarantees of origin for those products. Maintaining the existing tax deduction based solely on renewable fuel mix is not sustainable.

### News and perspectives regarding the national issuing body

New EECS Rules and Hub allows Walloon GOs to be exported. A few exports are expected as from 2012.

This year has also seen the successful implementation of a single point of contact located at Distribution Grid Operators for photovoltaics plants smaller than 10 kW. CWAPE has been handling on average 250 applications a week (peak 500+ / week) for photovoltaic plants. Our processes and database are being continuously improved.

CWAPE is considering whether to transform local CHP GO into EECS CHP GO. The legal framework for issuing biogas GOs is in place, although no project is running yet (adding a modicum of support would be welcome).

CWAPE moved to new offices over the 2011 Christmas break.

“Being a member of AIB is also like a window for our small energy market.”

### Benefits to the company of AIB membership

“Performing our member duty of peer review always surprises us by demonstrating how the same standard can be rigorously and thoroughly implemented across countries while still adjusting to local realities. This is a source of inspiration for our advising role.

Being a member of AIB is also like a window for our small energy market.”

Olivier Squilbin, Director for promotion of renewable energy.

### Scope of national participation in EECS

Number of registered scheme participants	155
--	-----

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
287	881

Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Wind	57	483
Solar	106	4
Hydro	72	110
Biomass	52	284
- CHP	42	159
- Non CHP	10	125

Certified EECS production as compared to national RES production

EECS RES production (MWh)	National RES production (MWh)
1,902,000 (estimated)	2,700,000 (estimated)

Name of the company  
Energinet.dk

Area of operation  
Denmark

Address  
Tonne Kjaersvej 65  
7000 Fredericia  
Denmark

[www.energinet.dk](http://www.energinet.dk)

## REPORT FROM MEMBER

### Profile of the organisation

Energinet.dk is the Danish transmission system operator. As an independent public enterprise, Energinet.dk operates and owns the main electricity and natural gas grids in Denmark.

Furthermore, Energinet.dk is responsible for maintaining security of supply and ensuring efficient electricity and gas markets as well as the integration of renewable energy.

Energinet.dk is appointed by Executive orders in accordance with the Danish Electricity Law to issue Guarantees of Origin; to prepare general declaration for the default set of disclosure information; and to lay down conditions and guidelines for individual declarations on specific electricity supply.

### EECS scheme membership

Energinet.dk is the Danish issuing body, issuing under EECS: guarantees of origin for renewable source electricity (since 2004), guarantees of origin for cogeneration (since 2010) and RECS certificates (since 2002).

### Member of the AIB

Energinet.dk has been member of the AIB since the foundation of the AIB in 2002.

### Activities within the AIB

Energinet.dk is represented in the AIB by Mads Lyngby Petersen, who replaced Louise Rønne Christensen in the autumn 2011.

Lisbeth Rasmussen represents Energinet.dk in the AIB Working Group External Affairs.

Christian Friberg B. Nielsen represents Energinet.dk in the EPED group - European Platform for Electricity Disclosure.

### News and perspectives regarding national electricity framework

New legislation on disclosure was available in December 2010; and new revised guidelines for the calculation of both general (default set of disclosure information) and individual electricity labels were published by Energinet.dk in May 2011.

The following changes have been implemented in the guidelines (with effect for the disclosure period of 2010):

- Electricity labels are prepared for Denmark as a whole, and not separately for Eastern and Western Denmark; and
- The general electricity label is calculated as a residual mix in accordance with the E-TRACK standard (Best Practice Recommendations from the RE-DISS project). This also means that the timing of disclosure in Denmark has been coordinated with other European countries.

There has also been a change in the legislation concerning guarantees of origin: guarantees of origin for renewable source electricity can be issued 12 months back.

“The AIB is the only European centre of competence for issuers of guarantees of origin where all the top experts can meet to discuss improvements to the system.”

### News and perspectives regarding the national issuing body

Last year, Energinet.dk introduced CMO.grexel as the new central registration database for EECS certificates. Over the year, the number of certificates issued in Denmark has increased considerably, demonstrating that trading certificates in Denmark is accelerating and has become an important business.

All certificates issued have been RECS/RES guarantees of origin: Energinet.dk has yet to issue any guarantees of origin for cogeneration.

This year, Energinet.dk was audited by AIB, and its procedures for issuing guarantees of origin were approved.

### Benefits to the company of AIB membership

Louise Rønne Christensen, Senior Consultant at Energinet.dk and former chairperson of the AIB Board states:

“There are 3 primary benefits for Energinet.dk being a member of the AIB:

- 1 Danish Guarantees of Origin are transferable between many European countries, via the AIB Hub;
- 2 The AIB is the only European centre of competence for issuers of guarantees of origin where all the top experts can meet to discuss improvements to the system. This gives a unique possibility for knowledge sharing, and of learning from the experiences of other issuing bodies; and
- 3 Following the EECS rules ensures a system of issuing, cancellation and transfer of guarantees of origin that is accurate, reliable and veracious.”

### Scope of national participation in EECS

Number of registered scheme participants	13
--	----

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
3,132	3,394.12

Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Wind onshore	3,117	2,496.79
Wind offshore	7	614.05
Forestry products	2	71.3
Hydro power	1	2.6
Municipal solid waste	5	42.774

Certified EECS production as compared to national RES production

EECS RES production (MWh)	National RES production (MWh)
3,132	-

Name of the company  
Grexel Systems Oy

Area of operation  
Finland and Sweden

Address  
Hermannin rantatie 8  
FI-00580 Helsinki  
Finland

[www.grexel.com](http://www.grexel.com)

## REPORT FROM MEMBER

### Profile of the organisation

Grexel is a private company which provides core market infrastructure solutions and services for the clean energy economy. These include for example central registry system provision, market design and regulatory development. The company is also the EECS issuing body in Finland and Sweden.

### EECS scheme membership

Grexel Systems has been a member of the following schemes:

- RES-GO since 2006 (and for multi-certificate domains since 2009);
- RECS since 2007; and
- Disclosure-GO since 2009.

### Member of the AIB

Grexel Systems has been a member of AIB since 2006.

### Activities within the AIB

Grexel Systems is a member of Working Group Systems and Working Group Internal Affairs. It is a project partner in both EPED and RE-DISS.

### News and perspectives regarding national electricity framework

The new guarantee of origin and disclosure law of Finland was prepared by the Ministry of Employment and Economy, and Grexel was an active participant in its preparation. The law is expected to come into force in 2012.

In 2011, The Swedish Energy Market Inspectorate prepared a recommendation on disclosure, which will be used as the basis of the disclosure law in Sweden.

### News and perspectives regarding the national issuing body

During 2011, Grexel built the new central registry system for Norway. A registry system based on the Grexel Certification Framework (GCF) is now used in Denmark, Germany, Finland, Luxembourg, Norway and Sweden. In 2012, the GCF will be implemented as the basis of the CMO systems of at least Iceland.

In 2012, Sweden and Norway will start a common support scheme for electricity produced from renewable energy sources. The system will be based on tradable green certificates (Elcertifikat). Grexel develops and maintains central certificate registry systems for both countries.

During 2011, Grexel helped the Egyptian organisation EgyptERA to design an energy certification scheme for Egypt. The designed system is EECS compatible and enables reliable certification of energy as well as sales of renewable energy products and services. A similar project started up in Serbia in late 2011, and Grexel is providing expertise in setting up a guarantee of origin system which fulfils the requirements of 2009/28/EC Article 15.

“The AIB provides the only widely accepted international standard for guarantees of origin.”

### Benefits to the company of AIB membership

“The AIB provides the only widely accepted international standard for guarantees of origin. Being a member of the AIB enables us not only to issue certificates under EECS® but it also provides a great platform to share experiences and coordinate efforts between issuing bodies in various countries.” - Marko Lehtovaara

### Scope of national participation in EECS

Number of registered scheme participants	31	26
--	----	----

### Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
95	4,470
181	19,044

### Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Hydro	55	2,582
Biomass	24	1,811
Wind	16	78
Hydro	174	12,256
Nuclear	7	6,788

### Certified EECS production as compared to national RES production

EECS RES production (TWh)	National RES production (TWh)
10	22 (estimate)
17	80 (estimated)

Finland  
Sweden



Name of the company  
 Founded in 1980, Observ'ER is a not-for-profit association specialised in monitoring and promoting renewable energies.

Area of operation  
 France

Address  
 146 rue de l'Université  
 75007 Paris  
 France

[www.energies-renouvelables.org](http://www.energies-renouvelables.org)

## REPORT FROM MEMBER

### Profile of the organisation

Observ'ER is an NGO.

### EECS scheme membership

Observ'ER is the French issuing body for EECS-RECS electricity certificates.

### Member of the AIB

Observ'ER has been taking part in the RECS system as early as 1999, and is one of AIB's founding members.

Observ'ER's first certificates were issued in December 2002, and the first cancellation occurred in January 2003.

### Activities within the AIB

Observ'ER takes an active part in the AIB's work and projects. Besides regular participation in the general meetings of the Association, Observ'ER is member of the AIB Board, chairs the Working Group External affairs and contributes to the Task Force Non-Member Services.

### News and perspectives regarding national electricity framework

On 14 September 2011, the French government issued an ordinance transposing Article 15 of Directive 2009/28. The text stipulates that from 1<sup>st</sup> January 2012 onwards, only guarantees of origin can be used by suppliers to prove the renewable origin of the electricity mix supplied to end-consumers. This means that Observ'ER will not issue EECS-RECS certificates for energy produced after 31<sup>st</sup> December 2011. The same text foresees that the competent authority in charge of the French GO system will be designated later on. Until that date, RTE will continue to issue GOs as per the current conditions. These GOs will have to be considered as GOs under Directive 2009/28/EC.

As far as joint projects are concerned, none are foreseen in the NAP (National Action Plan), but some may be implemented before 2020 in the framework of the Mediterranean Solar Plan with Third Countries.

### News and perspectives regarding the national issuing body

In 2011, issuance covered around 7% of French renewable source electricity production. Cancellations have risen by 5% since 2010, confirming the interest from end-consumers in products including a share of green electricity on the French market.

Observ'ER is taking part in RE-DISS - the follow up project to E-TRACK II. RE-DISS is led by Öko-Institut and aims to support national competent authorities in the EU in establishing compatible and harmonised systems for GOs and disclosure. Observ'ER will pursue its work at a national level, with the intention that GOs will be issued according to the EECS format.

“There is no way of implementing a reliable tracking of GOs Europe-wide, other than to follow the EECS standard and use the AIB's Hub”

### Benefits to the company of AIB membership

“There is no way of implementing a reliable tracking of GOs Europe-wide, other than to follow the EECS standard and use the AIB's Hub” stresses Alain Liébard, Observ'ER's President.

### Scope of national participation in EECS

Number of registered scheme participants	57
--	----

### Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
527	4,103.64

### Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Wind power	181	1,642,625
Hydro	253	21,507,032
MSW	13	161,748
Biogas	34	80,893
Forestry and agricultural by-products and waste	2	13,490
PV	44	47,750

### Certified EECS production as compared to national RES production

EECS RES production (TWh)	National RES production (TWh)
5.62	82.8 *

\* RTE data

Name of the company  
Öko-Institut e.V.

Area of operation  
Germany

Address  
PO Box 17 71  
79017 Freiburg  
Germany

[www.eecs-germany.de](http://www.eecs-germany.de)

REPORT FROM MEMBER

**Profile of the organisation**

Öko-Institut is an independent non-profit research institution, and has been commissioned by RECS Deutschland e.V. to act as the Issuing Body for the German EECS Domain.

**EECS scheme membership**

Until the regulations of the revised Renewable Energy Act (Erneuerbare-Energien-Gesetz, EEG) apply, environmental auditors are still legally responsible for issuing RES GOs based on the former version of the EEG. They cooperate with Öko-Institut in order to issue RES GO within the framework of EECS. For CHP GO, which are currently not implemented in Germany under the EECS regime, the Federal Office of Economics and Export Control (BAFA) acts as national Issuing Body.

**Member of the AIB**

Öko-Institut has been a member of the AIB since 2001. Initially, only RECS certificates were implemented, with implementation of RES-E GO and Disclosure GO following in 2006.

**Activities within the AIB**

Christof Timpe is the President of the AIB.

Dominik Seebach is a member of Working Group Internal Affairs.

Furthermore, Öko-Institut has provided consultancy to the EPED project and is coordinating the RE-DISS project.

**News and perspectives regarding national electricity framework**

The latest revision of the German Energy Law (Energiewirtschaftsgesetz, EnWG) has improved existing electricity disclosure regulations, for example those relating to eligible tracking instruments. This specifically includes the requirement to use RES GO that have been cancelled in the GO registry of the Federal Environmental Agency (UBA) to make claims concerning the supply of renewable source electricity (to be applied after the new registry comes into operation). Further improvements include a more detailed breakdown of electricity fuels (e.g. different fossil fuels, and distinguishing renewable source electricity which has been supplied according to the Renewable Energy Act from other renewable source electricity).

Besides the existing feed-in tariff support scheme, the revision of the German Renewable Energy Act has introduced a new ability to directly market renewable source electricity including a market premium. However, the electricity volumes covered by this mechanism are not eligible for RES GOs but are allocated on a pro-rata basis, together with the feed-in tariff volumes, on the disclosure statements of German electricity consumers.

**News and perspectives regarding the national issuing body**

According to the latest update of the German Renewable Energy Act, the German Federal Environmental Agency is the designated Competent Body for RES GO. However, until the new registry comes into operation, the former regulations apply with respect to RES GO, including the activities of Öko-Institut as EECS Issuing Body.

Since the beginning of 2011, Öko-Institut has been leading a project consortium for consultation of the UBA with respect to requirements and detailed options for establishing the national RES GO system. This includes aspects like the setup of a (new or adapted) registry and the relevant secondary regulations. After one secondary regulation (Herkunftsnachweisverordnung) was published in late 2011, a more detailed regulation is expected for early 2012 (Herkunftsnachweisdurchführungsverordnung), which will define detailed specifications for the use of the new registry.

Particularities of the new German GO system include the use of GO being explicitly limited to electricity disclosure in a strict sense (according to the IEM Directive); and the need for producers and suppliers to open and use their own accounts in order to be able to make claims based on GOs. Also, the requirement for the linked use of GOs and actual electricity trade from the point of production to the point of final consumption has been proposed for German GOs.

“Cooperation in the EECS framework allows us to make part of our research-based recommendations reality!”

Currently, UBA has the official status of an Observer to AIB activities. However, no decision has yet been taken by the German Government and UBA on whether the system will be implemented under EECS; or whether Germany will become a customer of the AIB solely regarding use of the Hub.

Until the new system comes into operation (currently targeted at late 2012), it is possible for Öko-Institut to continue its activity as Issuing Body for EECS in Germany in order to allow for continuous operation of the GO system. However, all further activities will be subject to the political development in Germany both in the field of RES GOs, and of disclosure regulation.

**Benefits to the company of AIB membership**

“Research activities of Öko-Institut e.V., such as the RE-DISS project, allow for synergies with core AIB activities. Öko-Institut, as a research institute, gives high priority to further development of EECS and related policies in order to increase transparency in energy markets and the share of sustainable power production. Thus, cooperation in the EECS framework allows us to make part of our research-based recommendations reality!”

says Christof Timpe, Öko-Institut's Head of Energy & Climate Division.

**Scope of national participation in EECS**

Number of registered scheme participants	49
--	----

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
8	935

Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Landfill gas	3	12
Methane	1	3
Hydro	2	14
Natural gas	1	849
Biomass and waste	1	57

Certified EECS production as compared to national RES production

EECS RES production (MWh)	National RES production (MWh)
0	122 *

\* Source: AG Energiebilanzen (Dec 2011)



Name of the company  
The Green Certificate  
Company Ltd

Area of operation  
Ireland and Spain

Address  
Suite 43  
17 Holywell Hill  
St Albans  
Herts  
AL1 1DT

[www.green-certificates.com](http://www.green-certificates.com)

## REPORT FROM MEMBER

### Profile of the organisation

Independent

### EECS scheme membership

EECS RECS

### Member of the AIB

GCC (Ireland) was a founding member of the AIB; while GCC (Spain) joined in 2008. GCC (Ireland) ceased AIB membership at the end of 2011, with the primary activity in the Irish market being through guarantees of origin (GO). SEMO is currently developing their plans for GO in Ireland and traders are keen to have this market integrated with Europe through the AIB.

### Activities within the AIB

Ed Everson chairs the Working Group Systems.

### News and perspectives regarding national electricity framework

The RECS scheme within Spain is increasingly in demand with traders and their customers. The flexible and robust framework provides the assurance consumers require within an operational structure that meets their business needs and timetables.

### News and perspectives regarding the national issuing body

The market for RECS in Spain is increasing in strength, with traders remaining active and achieving value through the benefits of the EECS framework. The number of active traders has increased during 2011, with the volume of certificates requested for issue increasing by over 300% compared with 2010.

### Benefits to the company of AIB membership

The AIB is important to the success of our scheme. With requirements driven by Market Participants, the quality assurance provided by the AIB provides them with the security they desire for their trading activities. Links to other European are seen as critical to the success of renewable products.

“The AIB is important to the success of our scheme.”

### Scope of national participation in EECS

Number of registered scheme participants	6
--	---

Registered production devices and total capacity installed

Technology	Number of production devices	Total capacity installed (MW)
Hydro Power	33	2291
Total	33	2691

Certified EECS production as compared to national RES production Ireland

Production year	Certified EECS production (TWh)	National RES production (TWh)	Share of EECS on national RES production (%)
2010	0	3,531 *	0%
2011	0	Not known	0%

\* Source ENTSO-E

Certified EECS production as compared to national RES production Spain

Production year	Certified EECS production (TWh)	National RES production (TWh)	Share of EECS on national RES production (%)
2010	0.8	95,719 *	1.04 %
2011	2.9	Not known	Not known

\* Estimate based on ENTSO-E



Name of the company  
Gestore dei Servizi Energetici -  
GSE S.p.A.

Area of operation  
Italy

Address  
Via M.Ilo Pilsudski, 92  
I 00197 Roma  
Italy

[www.gse.it](http://www.gse.it)

## REPORT FROM MEMBER

### Profile of the organisation

Gestore dei Servizi Energetici - GSE - is responsible for the promotion and support of renewable energies in Italy, fostering sustainable development by granting economic support to renewable electricity generation and by taking actions to build awareness of environmentally-efficient energy uses.

GSE is a state-owned company, whose sole shareholder is the Ministry of Economic and Finance, which cooperates with the Ministry of Economic Development in providing guidance on GSE's activities. GSE is the parent company of three subsidiaries:

- **Gestore dei Mercati Energetici S.p.A.** GME organizes and economically manages the electricity market as well as the environmental markets;
- **Acquirente Unico S.p.A.** AU buys electricity in the market on the most favourable terms, and resells it to distributors or retailers operating in the standard offer market for supply to small consumers who did not switch to the open market; and
- **Ricerca sul Sistema Energetico S.p.A.** RSE performs R&D activities related to the electricity and energy sector.

### EECS scheme membership

GSE has been member of the RECS scheme since 2001.

### Member of the AIB

GSE was one of the founding fathers of the AIB when the AIB was formed in 2001, and the CEO of GSE became the first President of the Association.

### Activities within the AIB

The engagement of GSE within AIB activities is very lively, as confirmed by its fully operational participation in the AIB organization:

- General Meeting: Gerardo Montanino;
- Board: Natascia Falcucci;
- Working Group Internal Affairs: Noemi Magnanini and Rosanna Pietropaolo;
- Working Group External Affairs: Claudia Delmirani and Natascia Falcucci;
- Working Group Systems: Marta Grassilli.

### News and perspectives regarding national electricity framework

On 3rd March 2011, Directive 2009/28/EC was transposed into Italian legislation through legislative decree no.28, which recalls a lot of other implementation decrees to be issued. Among them, a new decree is expected which will regulate guarantees of origin as provided by Directive 2009/28/EC. GSE envisages that when such decree comes into force, the Italian registry will be connected to the AIB Hub in order to enable Italian market operators to exchange guarantees of origin at an international level.

Decree no.28 also provides new responsibilities for GSE relating to the support scheme for RES thermal energy production, and to energy efficiency. GSE has also been in charge of the issuing of HE-CHP guarantees of origin since 2007.

According to European legislation, GSE will implement a national registry for issuing CHP GO electronic certificates. The opportunity to connect the national registry to the AIB platform is also under discussion.

Since February 2010, when the kick-off meeting of EPED was held in Brussels, GSE has been involved. This discussion forum aims at defining a pan-European approach for the implementation of the disclosure process, as well as for the calculation of national residual mixes. GSE has recently joined the RE-DISS project as a "Participating Domain", which further strengthens the interest and involvement of GSE on these topics.

"The AIB provides an excellent platform for facilitating a cross-border trading of certificates."

### News and perspectives regarding the national issuing body

Decree no.28/2011 revised the support mechanisms for renewable electricity production providing that the Quota System, combined with the Green Certificate Mechanism, will no longer be in place starting from 2015. Instead, as of 1st January 2013, new renewable power plants of up to 5 MW will be incentivized through a feed-in tariff system, while a Dutch auction system will be provided for the allocation of incentives for power plants above 5 MW.

A new AEEG Regulation (ARG/elt 104/11) provides the obligation for electricity suppliers to cancel guarantees of origin when selling green electricity to final customers. It also requires the implementation of a GO market platform, which will be managed by GME. GSE will be responsible for the process of controlling the fulfilment of this obligation.

### Benefits to the company of AIB membership

Rosanna Pietropaolo (WGIA) considers that "The AIB provides an excellent platform for facilitating a cross-border trading of certificates, as well as a cross-border sharing of experiences and knowledge."

Marta Grassilli (WGS) thinks that to be an active member of the Association allows any member to present its needs, which are always considered in the AIB's decisions.

The new Hub project has been managed, not only in respect of the timing of the Directive but also of the needs of all the registries, allowing them to continue in business uninterrupted.

### Scope of national participation in EECS

Number of registered scheme participants	57
--	----

### Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
445	10.703

### Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Hydro	403	9.811
Solar	8	1,52
Geothermal	27	748
Solid Biomass	3	80,85
Bioliquid	2	58,84
Biogas	2	2,86
Wind	0	0

### Certified EECS production as compared to national RES production

EECS RES production (TWh)	National RES production (TWh)
13,9	77 *

\* Relates to 2010 production



Name of the company  
Institut Luxembourgeois de Régulation (ILR)

Area of operation  
Luxembourg

Address  
45, allée Scheffer  
L-2520 Luxembourg  
Luxembourg

[www.ilr.public.lu](http://www.ilr.public.lu)

## REPORT FROM MEMBER

### Profile of the organisation

The Institut Luxembourgeois de Régulation (ILR) is the national regulatory authority for telecommunication, railways, postal services, electricity and natural gas markets, and also the national competent body for issuing guarantees of origin for electricity generated from renewable energy sources.

### EECS scheme membership

ILR has been the national issuing body for the EECS schemes for RES GOs and RECS certificates since 2010.

### Member of the AIB

The Luxembourg registry has been operational since 1 January 2010.

### Activities within the AIB

ILR participates in Working Group Internal Affairs.

### News and perspectives regarding national electricity framework

New disclosure regulations entered into force in 2010 defining a unique electricity label to be used by all suppliers in their disclosure information. Cancellations of EECS certificates represent an easy and straight-forward tool for electricity suppliers to prove the renewable origin of their electricity supply.

### News and perspectives regarding the national issuing body

More information for account holders is available on the following websites:

- <http://cmo.grexel.com> and
- [http://www.ilr.public.lu/electricite/etiquetage\\_electricite/certif\\_EECS/index.html](http://www.ilr.public.lu/electricite/etiquetage_electricite/certif_EECS/index.html).

### Benefits to the company of AIB membership

“In order to facilitate monitoring, and to improve the reliability of the electricity disclosure system, and especially of its green attributes, ILR decided to join the AIB EECS standard. This is an important step towards fulfilling the requirements of the European Directives, consisting of putting in place a mechanism allowing electronic transfer and cancellation of guarantees of origin, while ensuring utmost accuracy, reliability and fraud-resistance” says Claude Hornick of ILR.

“ILR decided to join the AIB EECS standard. This is an important step towards fulfilling the requirements of the European Directives,”

### Scope of national participation in EECS

Number of registered scheme participants	5
--	---

### Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
2	0.3

### Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Photovoltaic	2	0.3

### Certified EECS production as compared to national RES production

EECS RES production (TWh)	National RES production (TWh)
< 0.01	0.3



Name of the company  
CertiQ B.V.

Area of operation  
Netherlands

Address  
Utrechtseweg 310  
Postbus 718  
6800 AS Arnhem  
Netherlands

www.certiq.nl

## REPORT FROM MEMBER

### Profile of the organisation

CertiQ B.V. is a subsidiary of TenneT TSO B.V. and performs the role of the national issuing body for guarantees of origin, a task for which TenneT is legally appointed by the Dutch ministry of Economic Affairs, Agriculture and Innovation. In addition to guarantees of origin for renewable and CHP electricity, CertiQ also issues disclosure certificates for electricity derived from other sources.

Within The Netherlands, CertiQ works closely with:

- **Ministry of Economic Affairs, Agriculture and Innovation**, which determines the legal frameworks upon which guarantees of origin are based within the Netherlands;
- **NL Agency**, an agency of the Ministry charged with, amongst other things, the implementation of support schemes related to the production of renewable electricity;
- **Office of Energy Regulation**, which supervises the correct functioning of the Dutch electricity markets.

### EECS scheme membership

TenneT/CertiQ is a member of the EECS schemes for:

- guarantees of origin for renewable electricity;
- disclosure certificates for electricity produced from other sources.
- RECS certificates

Member of the AIB

TenneT/CertiQ has been a member of the AIB since 2001.

### Activities within the AIB

- **Ms GC van Dijk** Manager, Chairperson of AIB's management board until 9th December 2011
- **Mr J van der Lee** Manager, Member of AIB management board since 9th December 2011
- **Mr MD Doyer** Relation Manager, Member of Working Group External Affairs until 31st December 2011
- **Mr MJ Lenzen** Policy Advisor, Member of Working Group Internal Affairs. Also participates in EPED and RE-DISS
- **Mr A van der Toorn** Application Manager, Member of Working Group Systems
- **Mr RM van Stein Callenfels** Assistant Controller, Member of Working Group Internal Affairs

### News and perspectives regarding national electricity framework

Early in October 2011, the ministry of Economic Affairs, Agriculture and Innovation announced studying at the potential introduction of a quota obligation for suppliers of electricity in the future.

### News and perspectives regarding the national issuing body

TenneT/CertiQ is in the process of designing and implementing a new registry that will allow CertiQ to better interact with its customers, and will at the same time help it improve its services.

“AIB’s EECS standard helps secure the accuracy of GOs issued by its members”

### Benefits to the company of AIB membership

“In the Netherlands, demand for renewable electricity – and thus guarantees of origin (GOs) – is considerably higher than the amount of renewable electricity produced. To meet this demand, several Dutch suppliers import GOs from other countries. AIB’s EECS standard helps secure the accuracy of GOs issued by its members and the AIB Hub ensures that GOs can be transferred reliably and quickly between registries” says Jan van der Lee, Manager of CertiQ.

### Scope of national participation in EECS

Number of registered scheme participants	50
--	----

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
10,371	8,744

Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Bio Mass	239	6,315
Wind	1,058	2,340
Hydro	20	38
Solar	9,054	51

Certified EECS production as compared to national RES production \*

EECS RES production (TWh)	National RES production (TWh)
11,3	11,8

\* Preliminary Data

# Statnett

Name of the company  
Statnett SF

Area of operation  
Norway

Address  
Husebybakken 28B  
PO Box 5192  
Majorstuen 0302 Oslo  
Norway

[www.statnett.no](http://www.statnett.no)

## REPORT FROM MEMBER

### Profile of the organisation

Statnett is the Transmission System Operator (TSO) of the Norwegian electric power system, and is owned by the Norwegian state. Statnett is responsible for all Norwegian high electricity voltage transmission, distribution and development. In addition Statnett provides interconnection to other European countries (Denmark, Sweden, Russia and the Netherlands), ensuring efficient electricity flow and accessible transmission routes.

Apart from being owner of the national grid, Statnett has a 30% ownership of NordPool Spot together with the other Nordic TSOs. NordPool Spot is a subsidiary of the NordPool Exchange (market place), which Statnett also was co-founder of in the early 1990s.

### EECS scheme membership

Statnett is competent authority for issuance of all types of guarantees of origin and has been a member of the EECS scheme for GOs (since 2007) and RECS certificates (since 2001).

### Member of the AIB

Statnett is one of the founders of the AIB, and has been a member since January 1st 2002.

### Activities within the AIB

- **Tor Bjarne Heiberg** General Meeting
- **Ann-Christin Austang** member of Working Group Internal Affairs
- **Rolf Jørgensen** Chairperson of Working Group Internal Affairs
- **Geir Tore Sæterstøen** member of Working Group Systems
- **Ingrid Nytun Christie** Chairperson of the Board, member of Working Group Internal Affairs

### News and perspectives regarding national electricity framework

Norway is implementing the RES-E Directive (2009/28/EC), after an agreement concluded the talks between the EU and the EEA in July 2011.

The Norwegian and Swedish governments have signed an agreement on a common electricity certificate market, which commences 1st January 2012. The target is to install 26.4 TWh of new capacity renewable electricity by 2020 in the two countries. The system is technology neutral, and aimed at building the most economically feasible projects first.

Statnett is responsible for the certificate registry, as well as issuance/cancellations of the certificates.

“AIB provides the only tested highway for transfer of GOs in Europe”

### News and perspectives regarding the national issuing body

Grexel worked on the new certificate management system for Statnett during the last part of 2011, and this will be well-fitted to handle the new demands and specifications of the EECS rules. The first release is in place, while new functions will be added during more new releases planned for 2012.

The same registry system is also going to manage the new Norwegian/Swedish support certificates, which starts in January 2012.

### Benefits to the company of AIB membership

“AIB provides the only tested highway for transfer of GOs in Europe” says Rolf Jørgensen of Statnett.

### Scope of national participation in EECS

Number of registered scheme participants	34
--	----

### Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
756	30,769.5

### Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Bio Fuel	2	17.2
Wind	18	529.1
Hydro	736	30,223.2

### Certified EECS production as compared to national RES production

EECS RES production (TWh)	National RES production (TWh)
114,6	124



Name of the company  
REN – Rede Eléctrica Nacional,  
S.A.

Area of operation  
Portugal

Address  
Av. Estados Unidos da América, no 55  
1749 - 061 Lisboa  
Portugal

[www.ren.pt](http://www.ren.pt)

## REPORT FROM MEMBER

### Profile of the organisation

REN operates as TSO, and is engaged in two principal lines of business:

- electricity transmission, where it owns and operates the National Transmission Grid, the only electricity transmission network in mainland Portugal; and
- natural gas, where it is engaged in the reception, storage and regasification of LNG, the operation of the national high-pressure gas transmission network, which it owns and operates under respective concessions and the underground storage of natural gas.

### EECS scheme membership

REN has been a member of the EECS scheme for EECS RECS since 2004.

### Member of the AIB

Member of the AIB since 2003.

### Activities within the AIB

None

### News and perspectives regarding national electricity framework

In 2012, REN expects to start issuing CHP GO.

### News and perspectives regarding the national issuing body

In 2010, within the scope of the transposition of the European Directive 2004/8/EC (CHP Directive), REN was appointed Issuing Body for CHP Guarantees of Origin and has submitted to the approval of DGGE (the Directorate General for Geology and Energy) the corresponding Operations Manual.

“I find that the Association of Issuing Bodies has taken an important step in achieving a standardised model for energy certificate system”

### Benefits to the company of AIB membership

“I find that the Association of Issuing Bodies has taken an important step in achieving a standardised model for energy certificate system which supports and promotes the international trade of certificates. Being a member of the AIB allows REN to participate in the construction of this standard and closely follow the implementation of Guarantees of Origin in the other members of AIB” says Pedro Pereira.

### Scope of national participation in EECS

Number of registered scheme participants	2
--	---

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
4	68

Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
-	4	68

Certified EECS production as compared to national RES production

EECS RES production (MWh)	National RES & CHP production (TWh)
112	29



Name of the company  
Energy Agency of the  
Republic of Slovenia

Area of operation  
Issuing Body for RECS and  
GO in Slovenia

Address  
Technical Department  
Strossmayerjeva ulica 30  
P.O. Box 1579  
SI-2000 Maribor  
Slovenia

[www.agen-rs.si](http://www.agen-rs.si)

## REPORT FROM MEMBER

### Profile of the organisation

Regulatory authority for Electricity and Gas

### EECS scheme membership

AGEN-RS has been a member of the EECS schemes for RECS (since 2004) and RES GOs (since 2009).

### Member of the AIB

AGEN-RS has been a member of the AIB since 2004.

### Activities within the AIB

- **Andrej Špec** member of the Working Group Internal Affairs
- **Tomaž Lah** member of the Working Group Systems (chairperson until September 2010);

### News and perspectives regarding national electricity framework

AGEN-RS plays important role in the national support scheme, since it issues production declarations, which are necessary for every producer wishing to enter the support scheme. Furthermore, AGEN-RS decides on the eligibility of each producer to enter the support scheme, and determines the actual prices for each producer in the scheme, taking into account previously-received investment support. AGEN-RS also prepares yearly input for the calculation of feed-in tariffs, and premiums in the form of forecasts of average electricity prices and fuel costs.

Regarding disclosure, AGEN-RS plans to change the Slovenian national disclosure rules and bring them into line with the most advanced European disclosure schemes, especially regarding introduction of residual mix instead of the currently-used interconnection mix.

### News and perspectives regarding the national issuing body

AGEN-RS will in the future continue to act as the national issuing body for RES-E and HE CHP. At the moment, there are no changes foreseen with regard to the introduction of new GO schemes in this country. Nor have changes been planned regarding the responsibilities of AGEN-RS in the field. Nevertheless, AGEN-RS plans to strengthen its role as the auditor and inspector of production devices in the national GO system.

“We use these experiences in creating our national systems,”

### Benefits to the company of AIB membership

“Membership of the AIB gives us the possibility of being in line with the latest European trends in the field of energy certificates, and the tracking of electricity sources from production to end use. We use these experiences in creating our national systems, which is partly lies within our area of responsibility and partly within that of the Slovenian government. The current Slovenian GO system, although was officially defined by the governmental Ordinance on Issuing Declarations for Production Facilities and Guarantees of the Origin of Electricity, was mostly the result of our experiences from the AIB, which were - in cooperation with our Ministry of Economy - transposed into the current Slovenian GO system,” said Mr Tomaž Lah of AGEN-RS.

### Scope of national participation in EECS

Number of registered scheme participants	1
--	---

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
17	877.3

Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
-	17	877.3

Certified EECS production as compared to national RES production

EECS RES production (TWh)	National RES production (TWh)
0.875	4.97

Name of the company  
swissgrid ag

Area of operation  
Switzerland

Address  
Dammstrasse 3  
CH-5070 Frick  
Switzerland

[www.swissgrid.ch](http://www.swissgrid.ch)

## REPORT FROM MEMBER

### Profile of the organisation

Swissgrid is the Transmission System Operator (TSO) of Switzerland. In addition Swissgrid has acted as Issuing Body for Swiss Guarantees of Origin since 2006. In Switzerland Guarantees of Origin are primarily issued for the voluntary market, for disclosure purposes and for the two national subsidy schemes “additional cost financing” and “cost-covering remuneration for feed-in to the electricity grid”.

### EECS scheme membership

Swissgrid has been a member of the EECS RECS scheme since 2002; and a member of the EECS Disclosure GO scheme since 2009.

### Member of the AIB

Switzerland has been a member of the AIB since 2002.

### Activities within the AIB

- **Lukas Groebke** is the AIB’s Treasurer and a member of its Board. He is also the voting member at the AIB General Meeting, and a member of the Working Group Internal Affairs.
- **René Burkhard** is the alternate voting member at the AIB General Meeting.
- **Michel Maiorano** is a member of the Working Group Internal Affairs.

### News and perspectives regarding national electricity framework

While Switzerland is negotiating with the European Union on an energy agreement, the regulation of the Swiss Federal Department of the Environment, Transport, Energy and Communications (DETEC), governing the certification of production method and origin of electricity (GO regulation), was adopted with regard to Directive 2009/28/EC in 2011.

The revised GO regulation came into force on 1st October 2011, and covers all relevant aspects of Directive 2009/28/EC concerning guarantees of origin for renewable electricity. In addition, from 2013 plant operators will be obliged to register the whole electricity production from plants with an installed capacity higher than 30kW (all technologies) in the Swissgrid guarantee of origin registry. On the supply side, suppliers must use all available national and international guarantees of origin for disclosure purposes. With the revised GO regulation, Switzerland has implemented almost all of the recommendations proposed by the EU-supported RE-DISS project (Reliable Disclosure System for Europe).

### News and perspectives regarding the national issuing body

In 2011, Swissgrid has adapted its guarantee of origin system to the new EECS Rules.

“The coming into force of the new EECS Rules, and the go-live of the new centralised infrastructure for the international, electronic transfer of energy certificates has been a huge step forward for the AIB.”

### Benefits to the company of AIB membership

“The coming into force of the new EECS Rules, and the go-live of the new centralised infrastructure for the international, electronic transfer of energy certificates has been a huge step forward for the AIB, and the evolution of its standardised energy certificate system (EECS) in 2011.” (Lukas Groebke, Swissgrid, and Member of AIB Board)

### Scope of national participation in EECS

Number of registered scheme participants	1919
--	------

### Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
2,530	12,586

### Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Biomass	111	103
Hydro	668	12,444
Solar	1,727	33
Onshore wind	24	6

### Certified EECS production as compared to national RES production

EECS RES production (GWh)	National RES production (TWh)
551	About 35



Name of the company  
Croatian Energy Market  
Operator (HROTE)

Area of operation  
Croatia

Address  
Miramarska 23/V  
10 000 Zagreb  
Croatia

[www.hrote.hr](http://www.hrote.hr)

## REPORT FROM OBSERVER

### Profile of the organisation

HROTE is the state-owned company which performs the activities necessary to organise the electricity market as a public service. HROTE has the main role in RES and HE-CHP financial support (feed-in system) in Croatia. Since 2010 and 2011, new activities in gas market organisation and incentivisation of the production of biofuels have also been established.

### EECS scheme membership

HROTE enrolled as an observer member of the AIB in 2009 for the domain of Croatia. It is foreseen that HROTE will issue EECS GOs.

### Member of the AIB

HROTE is an observer member of the AIB.

### Activities within the AIB

HROTE is an observer member of the Working Group External Affairs, where it is represented by Dubravka Skrllec.

### News and perspectives regarding national electricity framework

The preparation of the first draft sub-laws is in progress, regarding implementation of GO (the Ordinance on implementation of the system of guarantees of origin and the rules concerning running the GO registry), which are in line with the requirements of the EU Directive 2009/28/EC.

“Our current status as observer member in the AIB gives us the opportunity to follow and be promptly informed of news in the areas of disclosure and electricity certification.”

### Benefits to the company of AIB membership

“Our current status as observer member in the AIB gives us the opportunity to follow and be promptly informed of news in the areas of disclosure and electricity certification. Furthermore, it allows us to share information with other members of the AIB, which is very important for the current process of transposing the EU regulations regarding those issues into Croatian legislation” says Dubravka Skrllec of HROTE,



Name of the company  
TRANSMISSION SYSTEM  
OPERATOR – CYPRUS  
(TSO-Cy)

Area of operation  
Cyprus (excluding areas  
which are not controlled  
by the Republic of Cyprus)

Address  
Evangelistrias 68  
CY-2057 Strovolos  
PO Box 25036  
CY-1306  
Lefkosia  
Cyprus

[www.dsm.org.cy](http://www.dsm.org.cy)

## REPORT FROM OBSERVER

### Profile of the organisation

The TSO-Cyprus was established in 2004 as an independent organisation for public benefit. It is responsible for operating the electricity transmission system of Cyprus, maintaining security of supply, integrating renewables and laying down connection conditions for new independent power producers. It is also responsible for operating the Cyprus electricity market.

### EECS scheme membership

TSO-Cy is not yet a member of any certification system, but is interested in being a member for EECS GOs.

### Member of the AIB

TSO-Cy has not yet applied for AIB membership

### News and perspectives regarding national electricity framework

The new RES Directive 2009/28/EC is under examination by the responsible Ministry in Cyprus, for harmonisation with national legislation.

### News and perspectives regarding the national issuing body

In year 2010, the TSO-Cy established an electronic registry for the issuance, transfer and cancellation of Guarantees of Origin according to national law and European Directives. The first GO was issued in 2011.

“It is believed that TSO-Cy membership will enable the sharing of knowledge and experience with other AIB members”

### Benefits to the company of AIB membership

It is believed that TSO-Cy membership will enable the sharing of knowledge and experience with other AIB members, hence communicating and finding more efficient and widely-accepted ways of implementing the requirements of EU law towards efficient and transparent market systems. It will particularly assist TSO-Cy in learning from the experiences of larger issuing bodies and implementing best practices, aiming also to standardise local practices and rules.

### Scope of national participation in EECS

Number of registered scheme participants	3
--	---

#### Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
3	133.5

#### Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Wind	3	133.5

#### Certified EECS production as compared to national RES production

EECS RES production (GWh)	National RES production (GWh in 2011)
91	164

Name of the company  
Elering AS

Area of operation  
Elering is an independent electricity system operator in Estonia whose main duty is to guarantee high-quality electricity supply to Estonian consumers at all times

Address  
Kadaka tee 42  
12915 Tallinn  
Estonia

[www.elering.ee](http://www.elering.ee)

REPORT FROM OBSERVER

**Profile of the organisation**

Transmission System Operator

**EECS scheme membership**

No memberships yet. Upon joining the AIB: initially RES-E GOs.

**Member of the AIB**

Elering AS plans to apply for membership in 2012.

**Activities within the AIB**

Liis Kilk (system services analyst, Elering AS) has attended the AIB General Meetings as an observer since June 2011.

**News and perspectives regarding national electricity framework**

New and improved legislation (to support the recent EC Directives) regarding the system of guarantees of origin and the full opening of the Estonian electricity market from 2013 is to be approved in late 2011 or in 2012.

The current Estonian RES support mechanisms are under review in order to fulfil the commitments made to support EU climate policy.

**News and perspectives regarding the national issuing body**

Elering AS is to be appointed as national issuing body of Estonia in late 2011 or during 2012 in accordance with new legislation.

Grexel Systems Ltd. has been chosen by Elering AS as CMO for Estonia. The domain protocol for Estonia will hopefully be accepted in spring 2012.

“It is essential for us to be aware of and also have the opportunity to contribute to the topics important to us”

**Benefits to the company of AIB membership**

“We applied to be an observing member at the AIB General Meetings primarily to meet the rules originating from the EU regulations while taking into account the current and implemented best practices. It is essential for us to be aware of and also have the opportunity to contribute to the topics important to us. Of course, assuring our market participants and their business associates that the certificates we will be issuing are internationally recognized and of high quality is of no lesser significance” says Mrs Ingrid Arus, Head of Electricity Markets Department at Elering.

**Scope of national participation in EECS**

Number of registered scheme participants	0
--	---

Registered production devices and total capacity installed

Number of production devices	Total capacity installed (MW)
0	2,515

Registered production devices and total capacity installed per technology

Technology	Number of production devices	Total capacity installed per technology (MW)
Hydro	0	4
Wind	0	158
CHP	0	292.5
Fossil	0	2,061

Certified EECS production as compared to national RES production

EECS RES production (MWh)	National RES production (MWh in 2011)
0	971,945



Name of the company  
HTSO S.A. – Hellenic  
Transmission System  
Operator S.A.

Area of operation  
Greece

Address  
72 Kastoros Street  
Athens 18545  
Greece

[www.desmie.gr](http://www.desmie.gr)

#### REPORT FROM OBSERVER

##### Profile of the organisation

HTSO is the Greek Transmission System Operator, and also acts as Issuing Body in Greece for the users of the Interconnected Transmission System. HTSO is also the owner and administrator of the electronic information system that supports GO in Greece – also supporting the two other local issuing bodies, as explicitly stated in the 2010 Greek Ministerial Decision which specifies all the details of the implementation of RES-E GO and CHP GO in the Greek market.

##### EECS scheme membership

HTSO is not a member of the AIB for the moment. However, upon joining the AIB, HTSO intends to support RES-E GO and CHP GO.

##### Member of the AIB

HTSO has not yet applied for AIB membership; but will do so as soon as its new electronic information system, which will be AIB-compatible, is operational. It is expected that the new GO system will be installed during 2012. The implementer of the system will be obliged to cover all necessary costs, including HTSO's AIB membership, for the first year; and to undertake all the necessary procedures in order to gain the approval of the AIB for the new system.

##### News and perspectives regarding the national issuing body

A transitional electronic information system supporting Guarantees of Origin (RES-E GO and CHP GO) has been operational since October 2010.

“Being part of an organisation demonstrates how seriously we take our responsibility”

##### Benefits to the company of AIB membership

“Being part of an organisation where member countries jointly promote common interests for the further development and facilitation of activities in the European Energy Market not only demonstrates our appreciation of the obvious benefits but also how seriously we take our responsibility”, says Stavroula Gioulea.



Name of the company  
Landsnet hf

Area of operation  
Landsnet's main task as the TSO of Iceland, is to own and operate Iceland's Transmission Power grid

Address  
Gylfaflöt 9  
112 Reykjavik  
Iceland

[www.landsnet.is](http://www.landsnet.is)

## REPORT FROM OBSERVER

### Name of the company

Landsnet hf., the Icelandic TSO, is the Issuing Body of Icelandic GOs and has been an observer of the AIB since late 2009.

### Area of operation

Landsnet's main task as the TSO of Iceland, is to own and operate Iceland's Transmission Power grid. The Icelandic Parliament has appointed Landsnet as the Issuing Body of GO's, and RECS International has recognised Landsnet as the Issuing Body for RECS certificates. Landsnet is also responsible for establishing a liquid and transparent electricity market in Iceland, and is currently in the process of establishing a continuously traded power market.

### Profile of the organisation

Landsnet is nominated as the TSO of Iceland by the Electricity Act no. 65 of 2003 and has a monopoly of the Transmission of Electric Power in Iceland. Landsnet is also appointed as the Icelandic Issuing Body, by the Act on the guarantee of the origin of electricity produced by renewable energy sources, no. 30 of 2008.

### EECS scheme membership

Landsnet intends to issue EECS RES GO and RECS certificates.

### Member of the AIB

Landsnet has been accepted as a member of the AIB, subject to the enactment of the relevant legislation. Its application for membership was submitted in September 2011.

### Activities within the AIB

Landsnet has been participating as an observer in the AIB General Meetings since late 2009. Since 2010, Gardar Larusson, Director of Business Relations, has been attending AIB meetings on behalf of Landsnet.

### News and perspectives regarding national electricity framework

In November 2011, Iceland plans to amend the 2008 Act on GOs in order to implement the EU Directive 2009/28/EC. The 2008 Act nominates Landsnet as the sole Issuing Body for Guarantees of Origin in Iceland. A secondary law dealing with disclosure is being prepared by the Ministry of Industry, and became effective in late-November 2011.

### News and perspectives regarding the national issuing body

Landsnet has signed a contract with Grexel OY of Finland, and for the issuing process Landsnet will be using the Grexel database. Grexel OY has also been contracted to assist in the start-up process of issuing certificates. Grexel will be holding seminars for the scheme participants and has provided general consultation services on both implementation and regulatory aspects.

### Benefits to the company of AIB membership

Having been an observer member in the AIB has proven extremely valuable for Landsnet to better understand the dynamics of the market environment of guarantees of origin in Europe.

Furthermore, it has given Landsnet the opportunity to establish contact with similar bodies in other countries, and to exchange experience with these countries, which has proven valuable for our decision making regarding decisions such as which registration system to use, and how to get started as an Issuing Body.

We feel that by applying for membership and eventually become a full AIB member sets a quality stamp on Landsnet as Iceland's Issuing Body.

“It is our firm belief that an AIB membership of Landsnet will result in a higher market value”

“It is our firm belief that an AIB membership of Landsnet will result in a higher market value for the Icelandic Guarantees of Origin and other certificates we will issue. The use of the new AIB Hub will make the certificates more visible, and will give them a head start competition-wise with regard to certificates not listed or available through the AIB Hub.

In this young and relatively immature market, we feel certain that the AIB Hub will become the standard for the future market” says Gardar Larusson of Landsnet.

# CONTACTS



Country	No	Name	Telephone	Fax	Email / website	Function in AIB
Austria		Energie-Control GmbH				
	1	Angela Puchbauer-Schnabel	+43 1 24724 720	+43 1 24724 900	angela.puchbauer-schnabel@econtrol.at	
Belgium Brugel		Energie Regulation Commission in the Brussels-Capital Region				
	2	Pascal Misselyn	+32 2 563 0202	+32 2 563 0213	pmisselyn@brugel.be	
Belgium Flanders		Vlaamse Reguleringsinstantie voor de Elektriciteits- en Gasmarkt				
	3	Katrien Verwimp	+32 2 553 1377	+32 2 553 1350	katrien.verwimp@vreg.be	
Belgium Wallonia		Commission Wallonne pour l'Énergie (CWaPE)				
	4	Pierre-Yves Cornelis	+32 81 33 08 14	+32 81 33 08 11	pierre-yves.cornelis@cwape.be	
Denmark		Energinet.dk				
	5	Louise Rønne Christensen	+45 76 22 44 39	+45 76 24 51 80	lro@energinet.dk	Board chairperson (April to September 2011)
	6	Christian Friberg B. Nielsen	+45 76 22 44 11	+45 76 24 51 80	cfni@energinet.dk	
	7	Lisbeth Rasmussen Poulsen	+45 76 22 44 26	+45 76 24 51 80	lrp@energinet.dk	Assisted Secretary General
	8	Mads Lyngby Petersen	+45 76 22 44 79	+45 76 24 51 80	mlp@energinet.dk	
Finland and Sweden		Grexel Systems Oy				
	9	Marko Lehtovaara	+358 9 4241 3161	+358 9 8565 7164	marko.lehtovaara@grexel.com	
	10	Markus Klimscheffskij	+358 9 4241 3165	+358 9 8565 7164	markus.klimscheffskij@grexel.com	
France		Observ'ER (Observatoire des énergies renouvelables)				
	11	Diane Lescot	+33 1 44 18 7353	+33 1 44 18 0036	diane.lescot@energies-renouvelables.org	Board member, Chairperson WGEA
Germany		Oeko-Institut e.V.				
	12	Christof Timpe	+49 761 4 52 95225	+49 761 4 52 95 288	c.timpe@oeko.de	AIB President
	13	Dominik Seebach	+49 761 4 52 95227	+49 761 4 52 95 288	d.seebach@oeko.de	
Iceland		Landsnet hf.				
	14	Gardar Larusson	+354 563 9457	+354 563 9309	gardar@landsnet.is	
Ireland and Spain		The Green Certificate Company Ltd				
	15	Ed Everson	+44 7918 695071	+44 7005 860121	-	Chairperson WGS
Italy		Gestore dei Servizi Energetici - GSE S.p.A.				
	16	Gerardo Montanino	+39 06 8165 4469	+39 06 8011 4700	gerardo.montanino@gse.it	
	17	Nataschia Falucci	+39 06 8011 4827	+39 06 8011 4700	natascia.falucci@gse.it	Board member
	18	Noemi Magnanini	+39 06 8011 4219	+39 06 8011 4700	noemi.magnanini@gse.it	
	19	Claudia Delmirani	+39 06 8011 4370	+39 06 8011 4700	claudia.delmirani@gse.it	
	20	Marta Grassilli	+39 06 8011 4174	+39 06 8011 4700	marta.grassilli@gse.it	
	21	Rosanna Pietropaolo	+39 06 8011 4373	+39 06 8011 4702	rosanna.pietropaolo@gse.it	
Luxembourg		Institut Luxembourgeois de Régulation				
	22	Claude Hornick	+352 45 88 45 58	+352 45 88 45 88	claudie.hornick@ilr.lu	
Netherlands		CertiQ b.V.				
	23	Jan van der Lee	+31 26 373 1765	+31 26 373 1158	jan.vander.lee@tennet.eu	Board member
	24	Remco van Stein Callenfels	+31 26 373 1671	+31 26 373 1158	r.v.stein-callenfels@certiq.nl	
Norway		Statnett				
	25	Rolf Jorgensen	+47 22 52 7519	+47 22 52 7001	rolf.jorgensen@statnett.no	Chairperson WGIA
	26	Tor Bjarne Heiberg	+47 22 52 7573	+47 22 52 7252	tor.heiberg@statnett.no	
	27	Ingrid Nyttun Christie	+47 23 90 3614	+47 22 52 7252	ingrid.christie@statnett.no	Board Chairperson
Portugal		REN – Rede Eléctrica Nacional, S.A.				
	28	Pedro Cabral	+351 22 0012411	+351 22 001 2407	pedro.cabral@ren.pt	
	29	Pedro Pereira	+351 21 0011257	+351 21 001 1764	pedro.pereira@ren.pt	
Slovenia		Energy Agency of the Republic of Slovenia (AGEN-RS)				
	30	Andrej Spec	+386 2 23 40 300	+386 2 23 40 320	andrej.spec@agen-rs.si	
	31	Gorazd Škerbinek	+386 2 23 40 321	+386 2 23 40 320	gorazd.skerbinek@agen-rs.si	
	32	Tomaz Lah	+386 2 234 03 00	+386 2 23 40 320	tomaz.lah@agen-rs.si	
Switzerland		swissgrid ag				
	33	Lukas Groebke	+41 58 580 2138	+41 58 580 2038	lukas.groebke@swissgrid.ch	Board member
	34	Michel Maiorano	+41 58 580 27 35	+41 58 580 2825	michel.maiorano@swissgrid.ch	
	35	René Burkhard	+41 58 580 3520	+41 58 580 3720	rene.burkhard@swissgrid.ch	
Cyprus		TRANSMISSION SYSTEM OPERATOR – CYPRUS (TSO-Cy)				
	36	Christos Toufexis	+357 22 611 611	+357 22 611 666	ctoufexis@dsm.org.cy	
Estonia		Elering AS				
	37	Liis Kilk	+372 715 1243	-	liis.kilk@elering.ee	
Greece		HTSO S.A. – Hellenic Transmission System Operator S.A.				
		Penny Vatsolaki	+30 210 9466801	-	vatsolaki@desmie.gr	
Croatia		Croatian Energy Market Operator (HROTE)				
	38	Dubravka Skrllec	+385 1 6306 706	+385 1 6306 777	dubravka.skrllec@hrote.hr	
Others						
	39	Phil Moody	+44 1494 681183	+44 1494 681183	secgen@aib-net.org	Secretary General
	40	Andrea Effinger	+49 176 444 32 955	+49 3212 1061 071	andrea@aib-net.org	Assisting Secretary General
	41	Anne Catherine Petersen	+47 22 42 13 80	+47 22 42 26 40	anne.cathrine.petersen@edisys.no	Assisting Secretary General

# AUDIT REPORT



23 Station Road  
Gerrards Cross  
Bucks SL9 8ES

Tel: (01753) 886711  
Fax: (01753) 886324

e-mail: [accounts@russellphillips.co.uk](mailto:accounts@russellphillips.co.uk)  
Website: [www.russellphillips.co.uk](http://www.russellphillips.co.uk)

## ASSOCIATION OF ISSUING BODIES

### Report of the Independent Auditors to the Members of the Association of Issuing Bodies.

#### 1. Introduction

We have audited the balance sheet and profit and loss account for the year ended 31 December 2011.

This report is made solely to the members of the Association and we do not accept or assume responsibility to anyone other than the Association and the members of the Association for our audit work, for this report, or for the opinions we have formed.

#### 2. Purpose of the Audit

The purpose of the audit is to:

- Verify the balance sheet and profit and loss account at the year end.
- Check that the cut off between 2011 and 2012 is correctly accounted for.
- Evaluate the payment routine.
- Check the control over invoicing is correct and complete and in accordance with the instructions of the Board.
- Check that the control over expenses is in accordance with existing agreements, well documented and properly authorized.
- Calculate the audit-trail between the system and the books.

To carry out the audit we received support from the General Secretary who provided us with board minutes, agreements, a trial balance and nominal ledger at 31 December 2011, transaction lists, invoices and vouchers. The audit was performed on a sample basis.

The AIB is registered in Belgium, but VAT registered in the UK. The audit, as in the previous year, does not include the evaluation of transaction matters.

#### 3. Findings and Recommendation

##### a) Membership fee.

The information on total certificates issued per member is based on data from the websites (ie: [www.rcgsctmo.org](http://www.rcgsctmo.org)) The total number of certificates issued in 2010 was the basis for the standing charge component of the membership fee in 2011.

The activity fees are linked to the total certificates issued in the year. Any certificates relating to the year 2011 and invoiced after the books have been closed for the year have been recognized as revenue in these accounts.

Registered Address: As above - Company No: 1234567 - Registered in England  
Russell Phillips is the trading style of Russell Phillips Ltd, which is registered by the ICAEW to carry out company audit work.  
Directors: Jonathan Russell - Helen Phillips - Stephen Cox      Chairman: Warren Sadique

We have verified the annual membership fees were invoiced according to the approved membership fee calculation as set out in the invitation to tender.

##### b) Expenses

We have reviewed that expenses are supported by appropriate documents and have been correctly authorized. We have checked in particular the major costs of the consulting fees and travel expenses. We found the controls to be good and the year end cut-off seemed reasonable.

##### c) Bank

The payment routine was found to be in good order with the general secretary creating the payment instructions and the Treasurer authorizing the payment instructions.

The bank account in the nominal ledger reconciled both with the statements received from Jyske Bank and their year end certificate.

##### d) Accounts Receivable

These were checked to the invoices raised during the year.

##### e) VAT

The income is mainly from outside the UK and is zero rated whilst the expenses are mainly in the UK and the VAT can be deducted. Therefore, most quarters, the Association receives a VAT refund.

The rate of VAT for the year was 20%.

The VAT was found to be correctly calculated and recorded in the system and the end of year balance agreed to the records.

##### f) Accounts Payable/Accruals

These were checked to the invoices raised by suppliers and found to be correctly recorded.

An accrual of €3360 due to the auditor is included in these accounts.

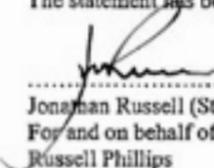
##### g) Audit Trail

There is a good audit trail between the original invoices for both fees and expenses and the nominal ledger system.

#### 4. Conclusion

In our opinion the Financial Statement gives a true and fair view of the state of Association of Issuing Bodies as at 31 December 2011 and of its surplus for the year.

The statement has been properly prepared from information supplied.

  
Jonathan Russell (Statutory Auditor)  
For and on behalf of  
Russell Phillips  
23 Station Road  
Gerrards Cross  
Bucks. SL9 8ES

Date: 6.3.12

Registered Address: As above - Company No: 1234567 - Registered in England  
Russell Phillips is the trading style of Russell Phillips Ltd, which is registered by the ICAEW to carry out company audit work.  
Directors: Jonathan Russell - Helen Phillips - Stephen Cox      Chairman: Warren Sadique

# FINANCIAL STATEMENT

## ASSOCIATION OF ISSUING BODIES FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2011

### Profit & Loss Account

	31/12/2010	31/12/2011
	<i>(amount in Euro)</i>	
Annual membership fee, small	56000	50000
Annual membership fee, large	195000	225000
Activity based membership fee	213787	216374
Other operating revenues	<u>23660</u>	<u>9720</u>
<b>Total operating revenues</b>	<b>488447</b>	<b>501094</b>
<b>Operating costs</b>		
Consultancy fee & administration	282412	303191
Travelling & Hotels	34559	39465
Other operating costs	50609	81974
Depreciation	<u>-</u>	<u>41767</u>
<b>Total operating costs</b>	<b>(367580)</b>	<b>(466397)</b>
<b>Net financial items</b>	<b>947</b>	<b>1012</b>
<b>Net profit/loss for the year</b>	<b><u>121814</u></b>	<b><u>35709</u></b>

### Balance Sheet

	31/12/2010	31/12/2011
	<i>(amount in Euro)</i>	
<b>Assets</b>		
Plant & Machinery	37590	83533
Accounts receivable	60115	72198
Net Vat refund	17633	17271
Bank	<u>359224</u>	<u>306886</u>
<b>Total Assets</b>	<b>474562</b>	<b>479888</b>
<b>Liabilities</b>		
Accounts payable	<u>82174</u>	<u>51791</u>
<b>Total Net Assets</b>	<b><u>392388</u></b>	<b><u>428097</u></b>
Opening Reserve	270574	392388
Profit for the year	<u>121814</u>	<u>35709</u>
<b>Closing Reserve</b>	<b><u>392388</u></b>	<b><u>428097</u></b>

Date 5-3-2012

5-3-2012

Lilas Grobke

Ingrid N. Christie

Registered Address: Axerve - Company No: 5226467 - Registered in England  
Russell Phillips is the trading style of Russell Phillips Ltd, which is registered by the ICAEW to carry out company audit work.

Directors: Jonathan Russell - Helen Phillips - Stephen Cox      Chartered: Wouter Sadique

### Colophon

Design: Loep ontwerp, Arnhem NL  
Print: Prestige Press (UK) Ltd, Chesham, UK

This report is using FSC paper, which is 100% recycled (NAPM label)

## **Association of Issuing Bodies**

The AIB is a non-profit-making international association

Telephone/Fax: +44 1494 681183

Website: [www.aib-net.org](http://www.aib-net.org)

Email: [info@aib-net.org](mailto:info@aib-net.org)

### **Registered offices**

Koning Albert II-laan 20 bus 19

B-1000 Brussels

Belgium

### **Administrative offices**

21/23 Station Road

Gerrards Cross

Bucks SL9 8ES

United Kingdom

Registered in Belgium

Registration number

(numero d'entreprise)

0.864.645.330