



Introduction to the Association of Issuing Bodies (AIB)

Christof Timpe – AIB President

Workshop “Perspectives on Certification of Power Generation in the light of the new EU Energy Policy”

13 March 2008 – Budapest

Title | 27 March 2008 | Slide: 1
AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
Reproduction, use or disclosure to third parties without express authority is strictly forbidden.

European Energy Certification System (EECS)

Scope

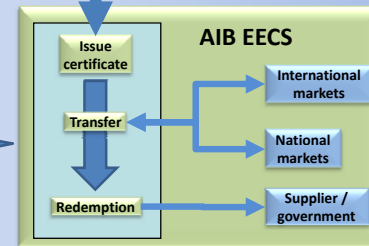
Accredit

Audit



Physical
Electronic

Certificate system administration

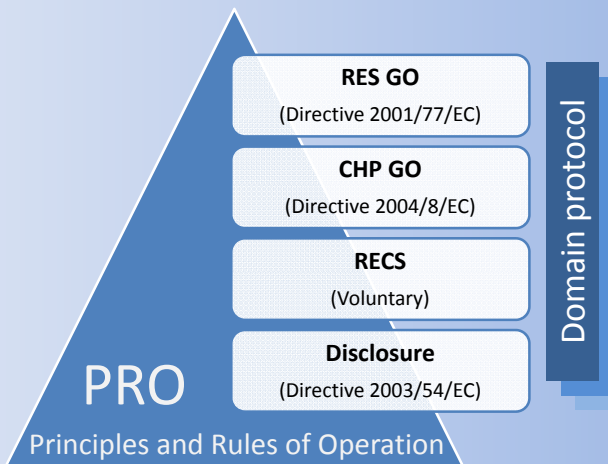


Title | 27 March 2008 | Slide: 2
AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



European Energy Certification System (EECS)

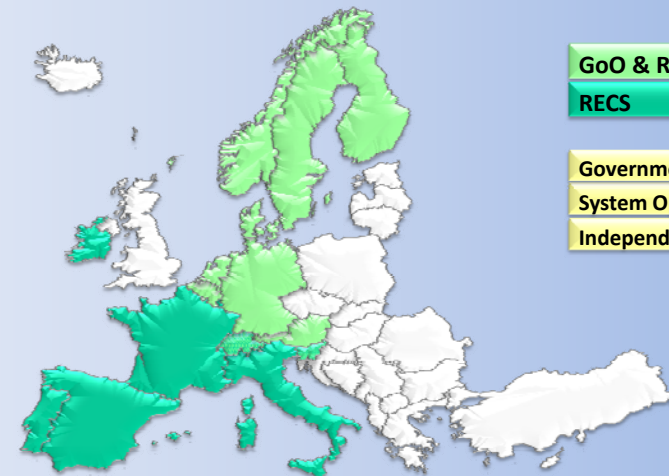
Structure



Title | 27 March 2008 | Slide: 3
AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



The AIB – members



GoO & RECS
RECS

Governments (4)
System Op. (9)
Independent (4)

All government-appointed issuers of electronic transferable guarantees of origin from mainland Europe are members of the AIB

Title | 27 March 2008 | Slide: 4
AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



AIB History

| Year | Action |
|-------------|--|
| 1999 - 2002 | Developing and testing the concept |
| 2003 - 2006 | <p>PRODUCT DEVELOPMENT: The European Energy Certification System (EECS) a single system for several types of certificate</p> <ul style="list-style-type: none"> • Obligatory <ul style="list-style-type: none"> ➢ RES guarantees of origin (Directive 2001/77/EC) ➢ CHP guarantees of origin (Directive 2004/8/EC) • Voluntary <ul style="list-style-type: none"> ➢ RECS certificates ➢ Disclosure certificates for fossil & nuclear (Directive 2003/54/EC) |
| 2007 | Central communications HUB |
| 2008... | RES heat & cooling Biofuels White certificates (energy efficiency) Biogas |

Title | 27 March 2008 | Slide: 5
 AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
 Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



AIB activity summary (as of 31 Dec 2007)

| European Energy Certificate system - totals (million MWh) | | | | |
|--|------------|-----------|-----------|------------|
| | Since 2001 | 2005 | 2006 | 2007 |
| Issued | 320 | 48 | 67 | 137 |
| Exported | 95 | 14 | 18 | 47 |
| Redeemed | 174 | 25 | 39 | 80 |

30 - 50% growth per year

Title | 27 March 2008 | Slide: 6
 AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
 Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



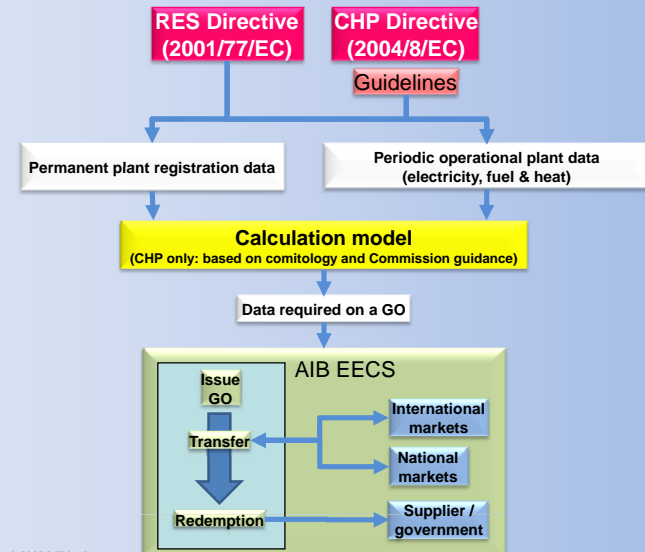
What does AIB offer?

| | |
|--|--|
| Coordinated approach to CHP-GO & RES-GO | <ul style="list-style-type: none"> • International certificate standards • Demonstrable compliance with CHP and RES Directives • Supports Internal Electricity Market • Basis for harmonised CHP GO in Energy Efficiency Action Plan • Focal point for stakeholders |
| Standardised information in an electronic system | <ul style="list-style-type: none"> • Fraud resistant • Reliable • Accurate • Multilateral market data and statistics |
| Knowledgeable member-base | <ul style="list-style-type: none"> • AIB controlled by regulators and system operators • Informs the market • Shared experiences |
| Already half EU Member States represented in AIB | <ul style="list-style-type: none"> • Experience in trading GOs and certificates • Used & appreciated by major utilities & industry • Ready-to-use robust & cost-effective (fast implementation) • Critical mass for use of GOs on a European scale • Economies of scale |

Title | 27 March 2008 | Slide: 7
 AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
 Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



European Energy Certification System (EECS) Relationship with RES & CHP Directives



Title | 27 March 2008 | Slide: 8
 AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
 Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



Core Principles The AIB's 10 Commandments



Do not copy certificates



Protect account-holders



Ensure reliability and security



Protect certificates



Ensure good conduct



Inform the market



Contain costs



Communicate clearly



Obey the law



Write it all down

Title | 27 March 2008 | Slide: 9
AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
Reproduction, use or disclosure to third parties without express authority is strictly forbidden.



<http://www.aib-net.org>

AIB Secretariat

Registered address: Rue du Canal 61, B-1000 Brussels, Belgium
Administration: 21/23 Station Road, Gerrards Cross, Bucks SL9 8ES, UK
Tel / fax: +44 1494 681183
Email: secgen@aib-net.org

AIB President

Christof Timpe
Öko-Institut, Merzhauser Str. 173, 79100 Freiburg, Germany
Tel : +49 761 45 295-25
Email: c.timpe@oeko.de; christof.timpe@aib-net.org

Title | 27 March 2008 | Slide: 10
AIB 2008 © 2008. We reserve the rights in this document and in the information contained therein.
Reproduction, use or disclosure to third parties without express authority is strictly forbidden.

