



Certificate systems in Europe: state of the art

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Secretary General RECS International

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Outline of the presentation

- About RECS
 - RECS International
 - How does a certificate system work?
 - Association Issuing Bodies (AIB)
- Relation RECS and GoO!
- Closing remarks



RECS International

- Start up phase 2000
- Test Phase 2001-2002 **Testing the systems**
- Operational 2003-..... **Shaping the market**
- Non profit, European association based in Brussels
- Main goal is harmonisation of 'systems'
- RECS International, 119 members, 18 countries
- 57 TWh certified



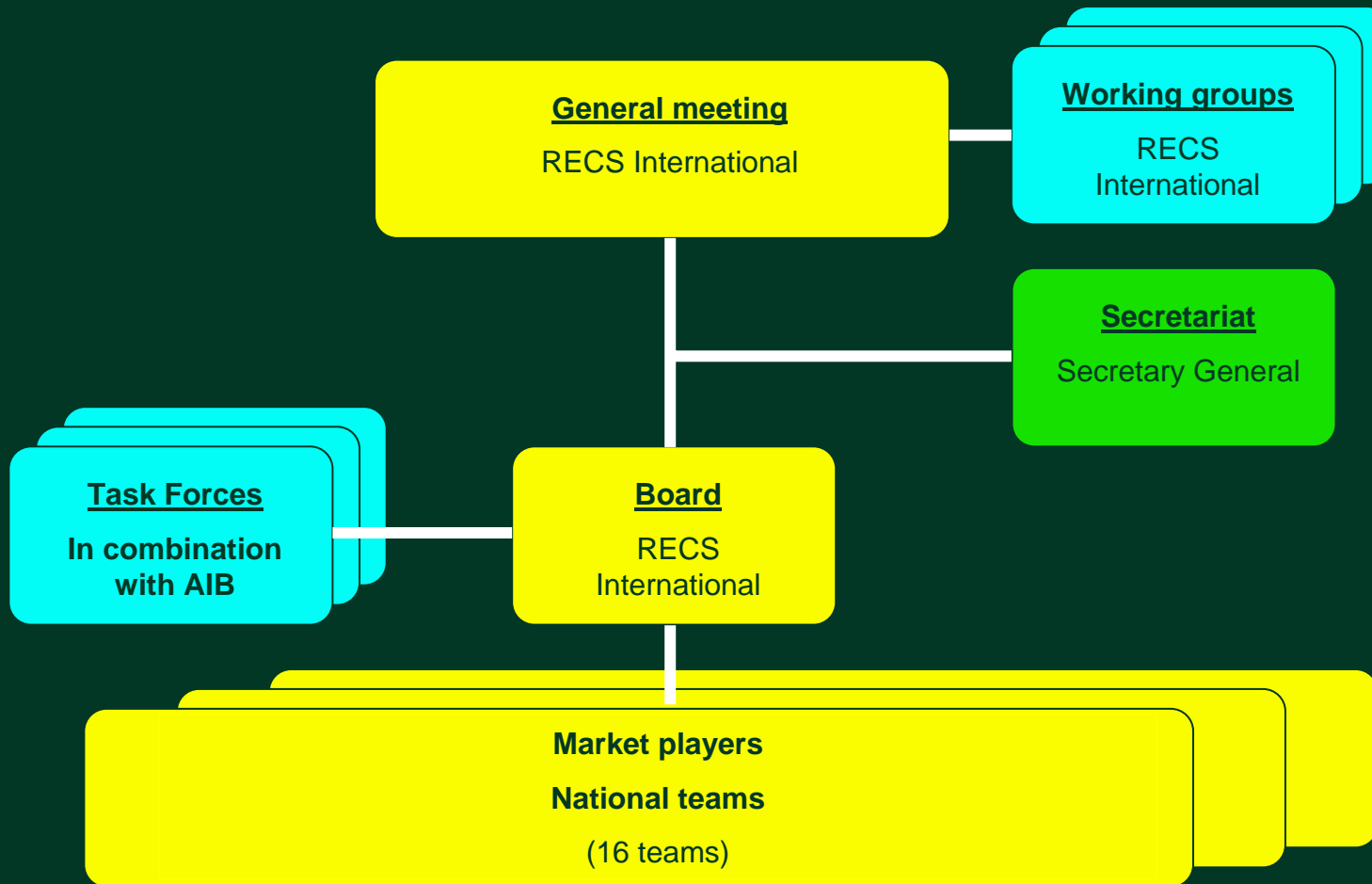
Mission statement

“RECS International promotes a pan-European renewable electricity market, facilitated by a commonly accepted and harmonised European information system”



16 National teams

- Norway
- Sweden
- Finland
- Denmark
- Germany
- Netherlands
- UK/Ireland
- Belgium/Luxembourg
- France
- Spain
- Switzerland
- Austria
- Italy
- Portugal
- Slovenia
- Poland





Officials Board RECS International

- Board

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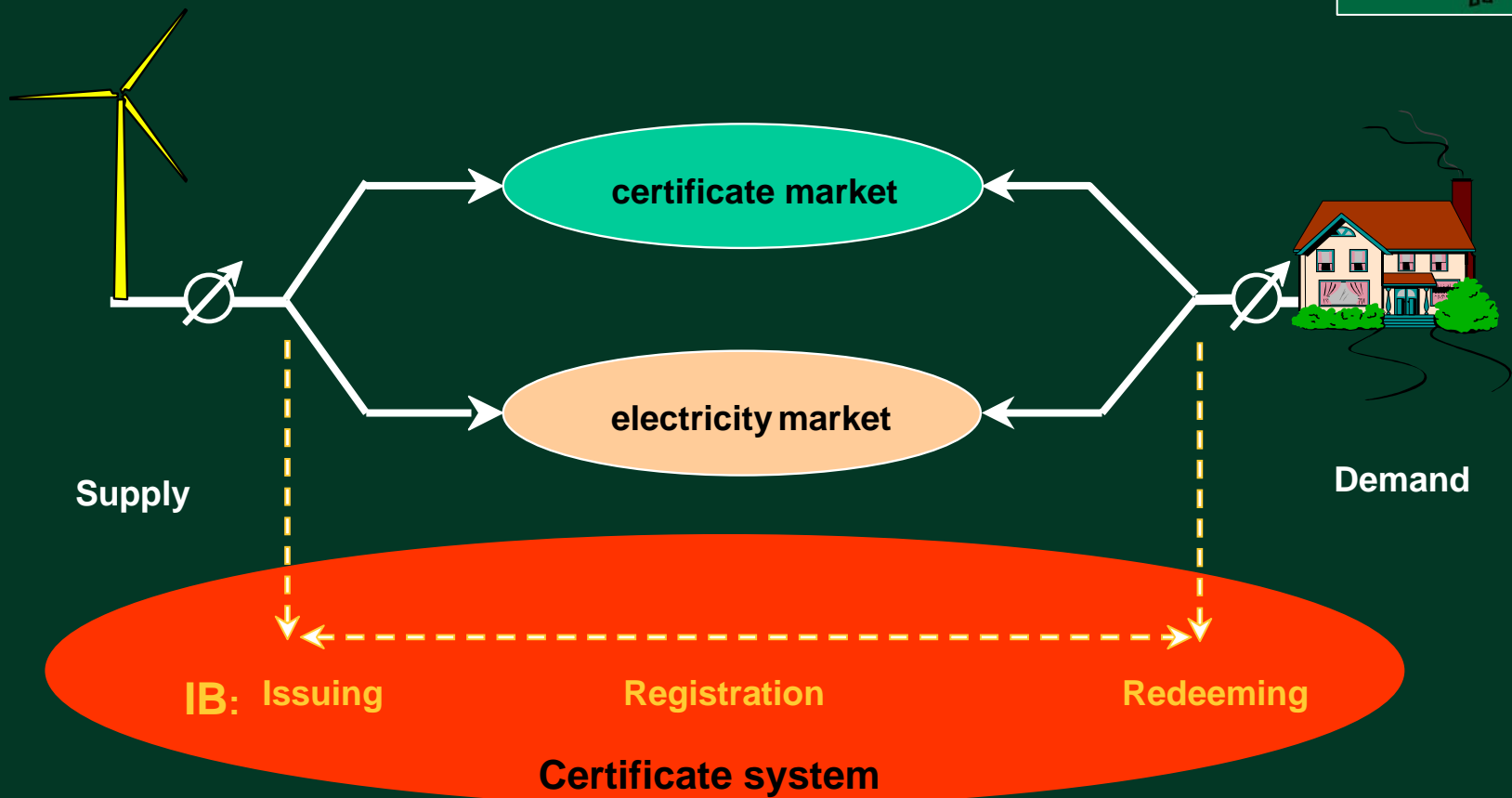
- Secretariat

Peter Niermeijer

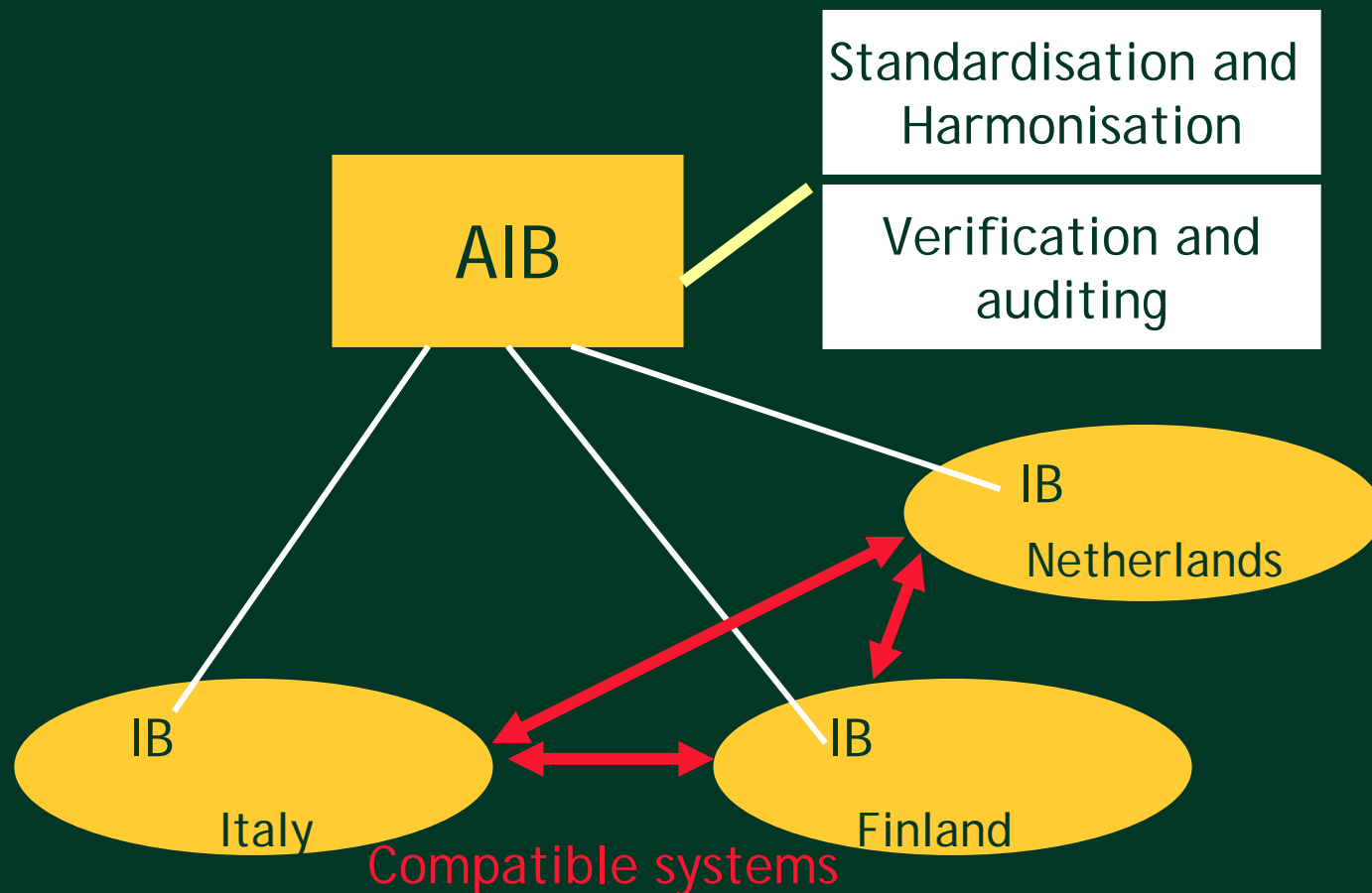
Secretary General



Certificate system



Principle of harmonisation





RECS approach

Split in responsibilities (Unbundling)

1. System operators (AIB): system aspects, standardisation and securing quality level
2. RECS International: market issues (demand side as well transparency of the market)
3. Governments: market regulations and appoint system operators

Three level approach

1. Harmonising national systems to make international transfers of 'information' possible (RECS)
2. Harmonising the Demand Side (road map)
3. Making the market working (liquid and transparent)

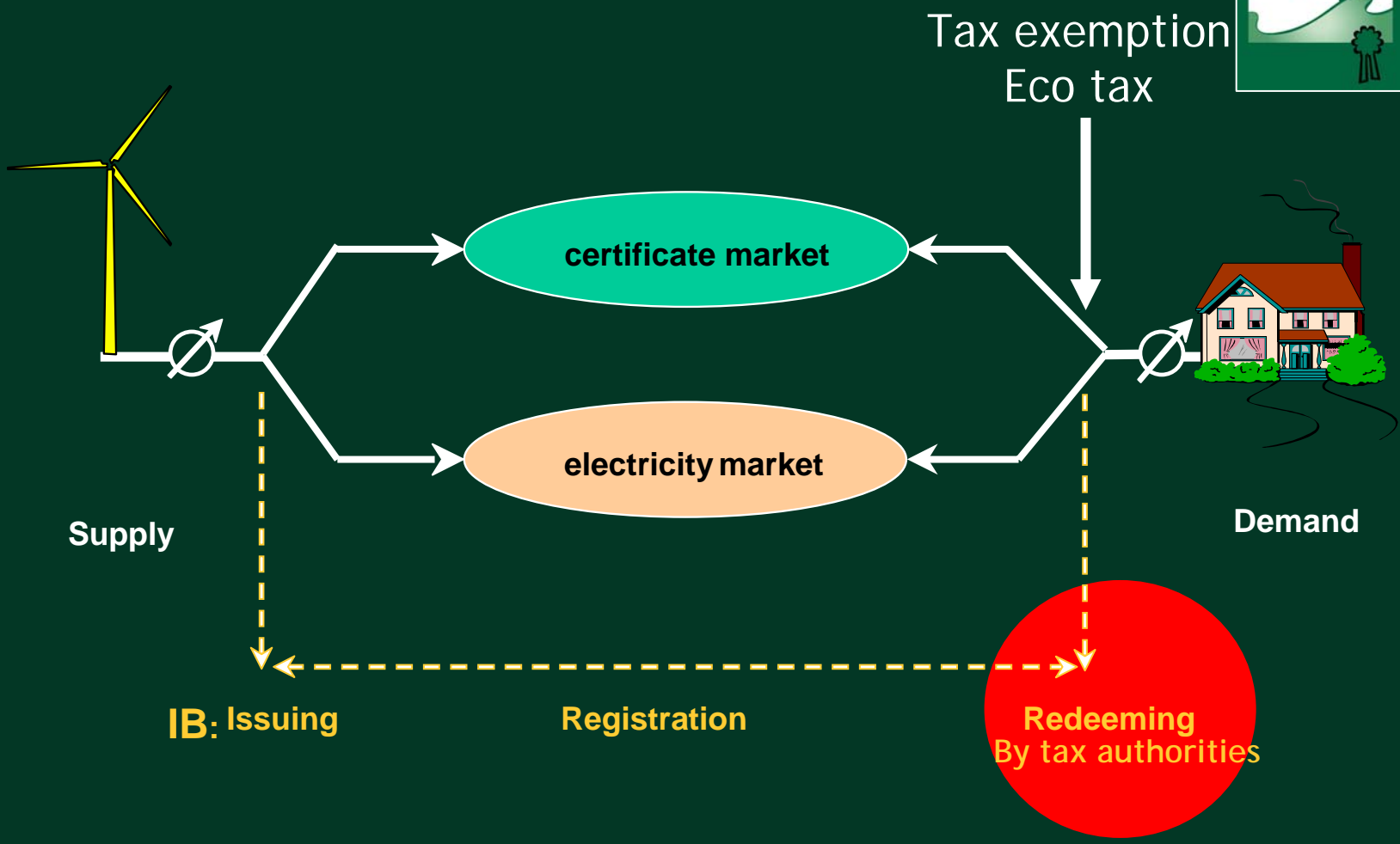


But

- A certificate system is **NOT** a goal in it self!
- A certificate system is **NOT** a support system
- The demand for certificates is a stimulant for renewable energy
- A certificate system is a “market facilitator”

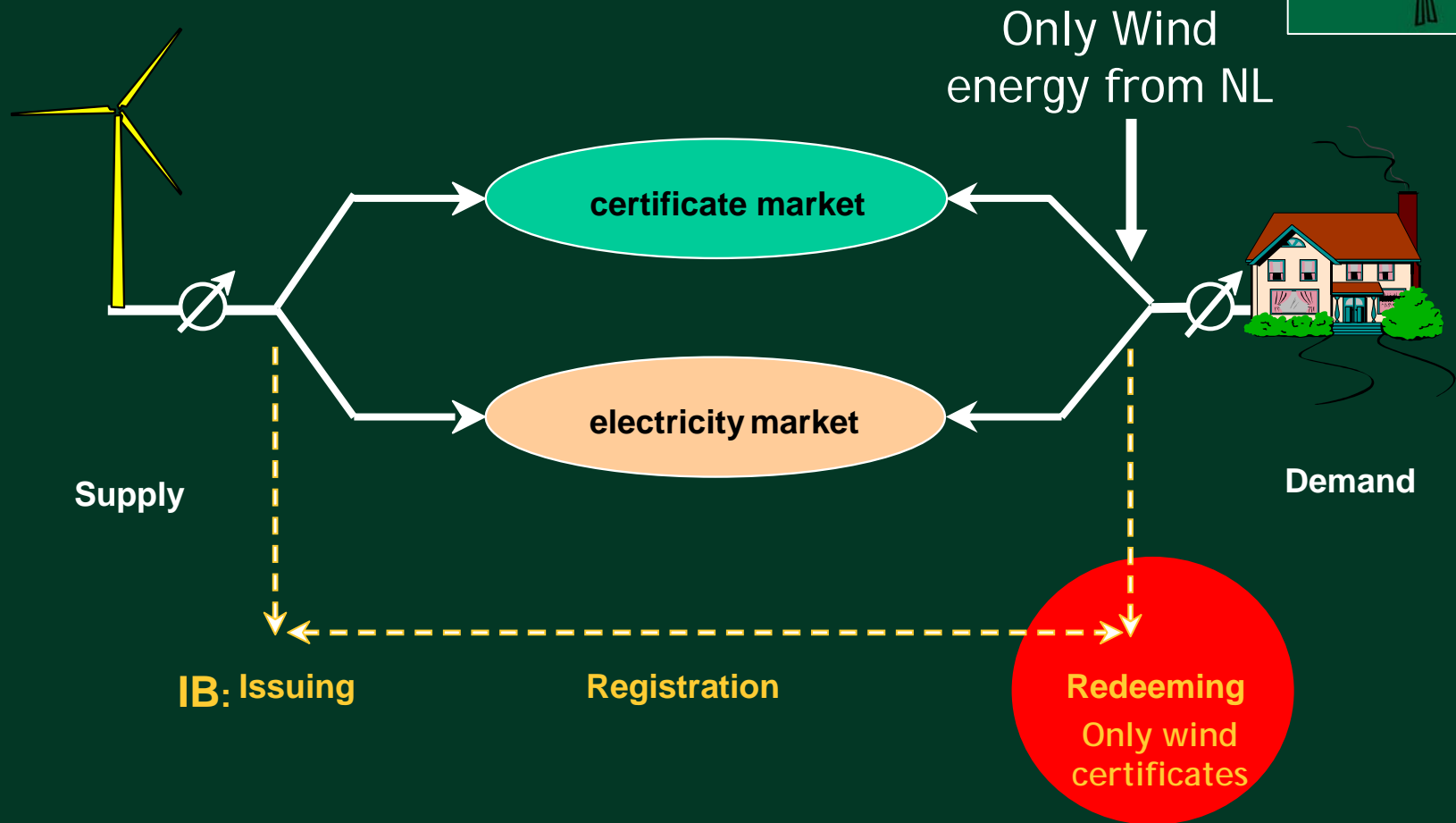


Tax exemption (NL)





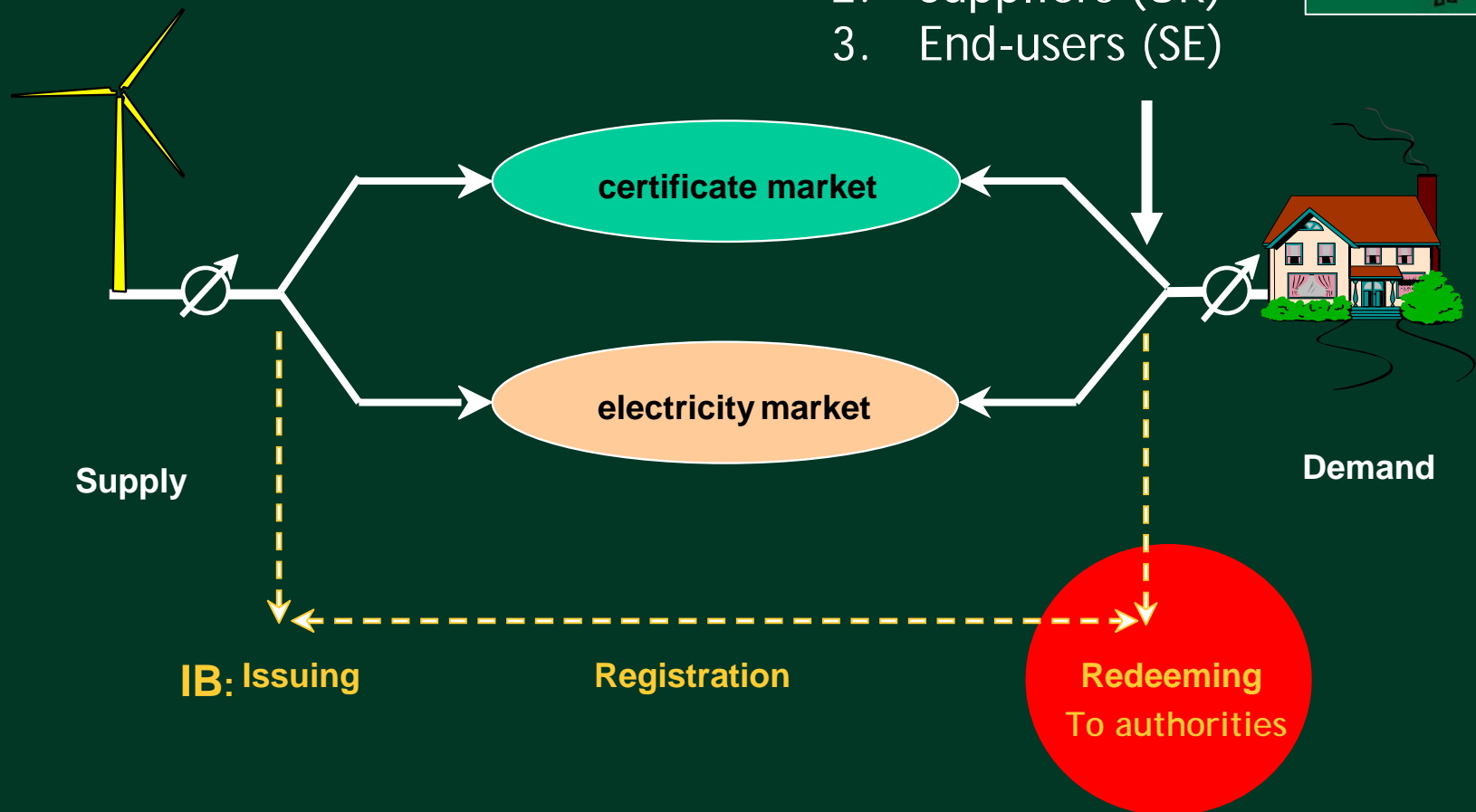
Labelling green energy





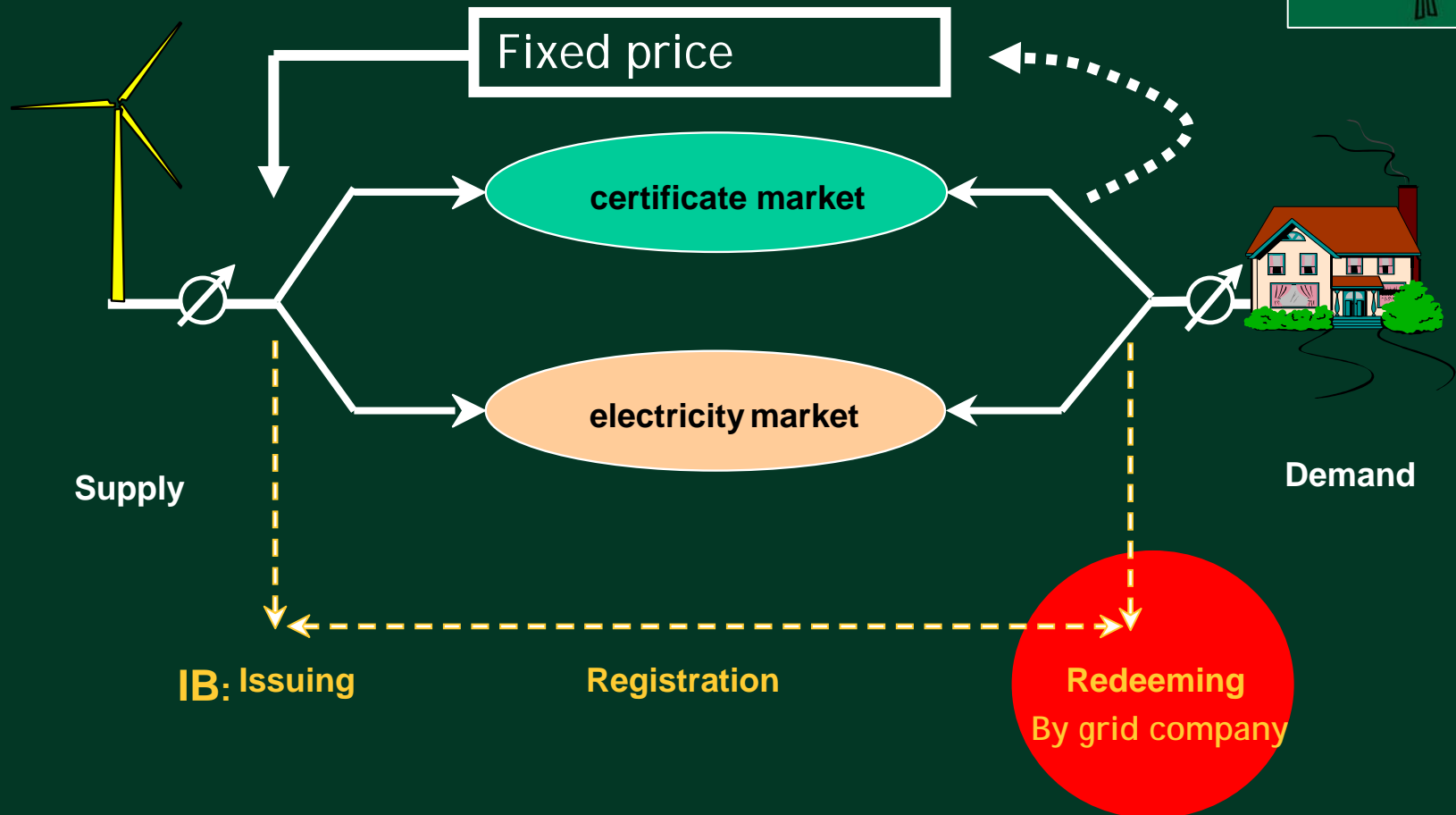
Obligations

1. Producers (IT)
2. Suppliers (UK)
3. End-users (SE)

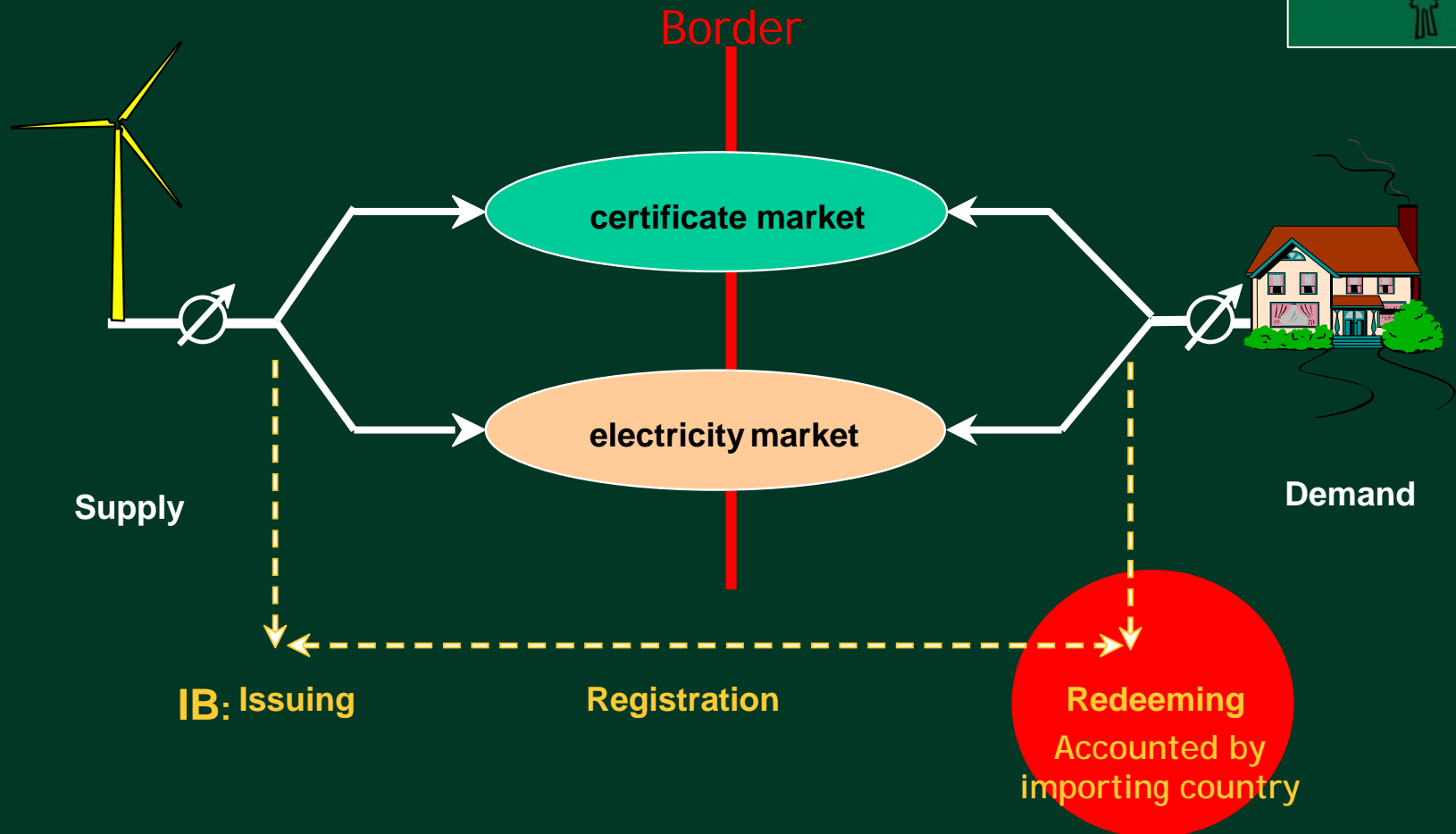




Feed-in systems



Target counting (disclosure)



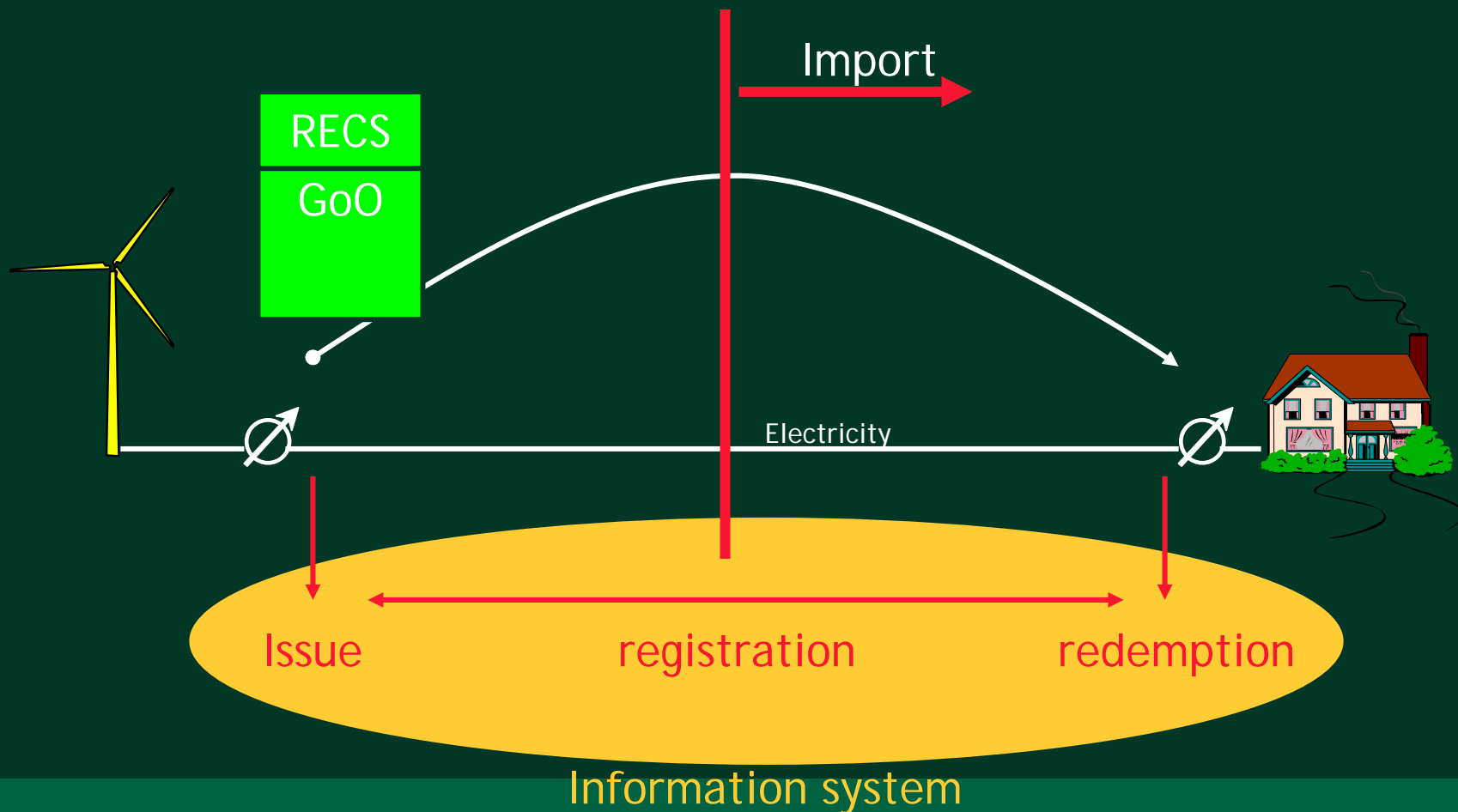


Summary use of certificate systems

- Voluntary schemes (with tax exemption)
- Labeling green energy
- Obligations (or quota systems)
- Feed-in systems
- Monitoring import and export (accounting for targets), and disclosure
- Monitoring in general

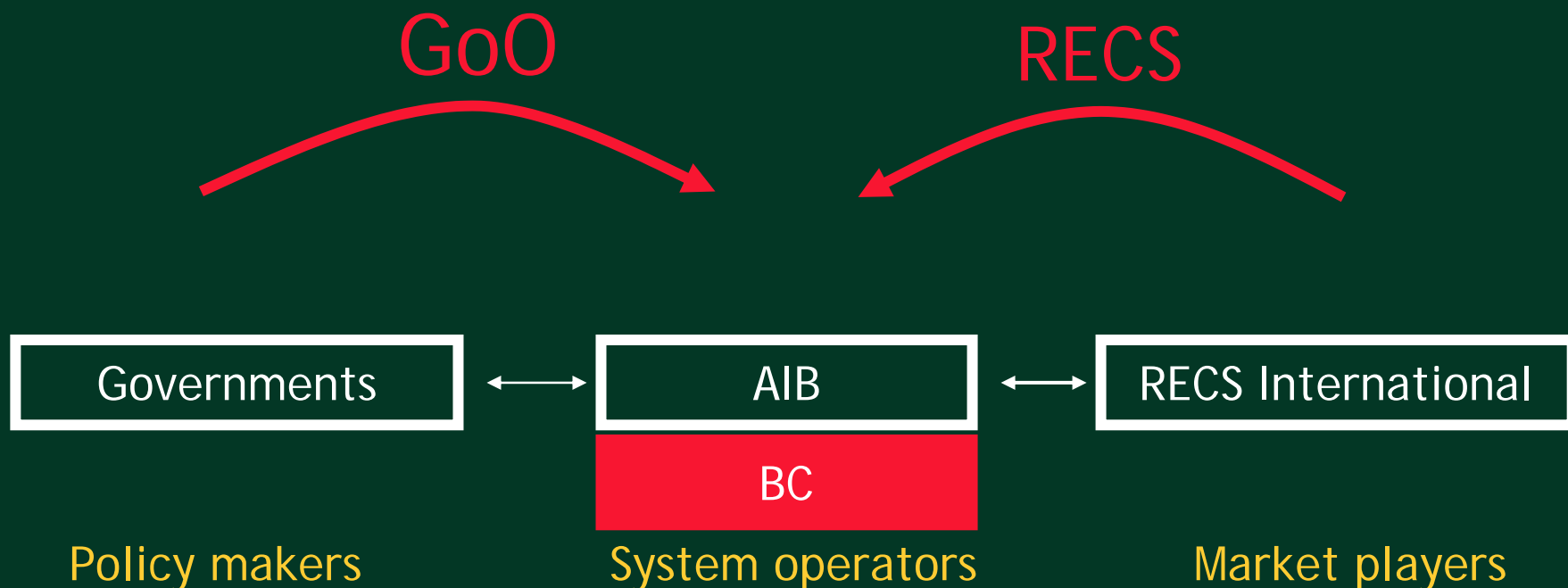


Relation RECS and GoO





Position RECS - GoO





Relation with the GoO

- The GoO is obligatory (art 5 RES-directive)
- Information: source, date and location (capacity for hydro)
- Uncoupled of physical flow and tradable
- RECS provides more information
- RECS provides the 'high way' to transfer internationally:
interfaces between registries
- RECS is company based and GoO is government based



Standard for GoO

- AIB issued the standard for GoO: European Energy Certificate System (EECS)
- 6 countries have accepted the standard (SE, Fin, NL, DK, AU, GER)
- Provides recognition automatically between participants
- Needs promotion and the principle is not well known



Use of the GoO

1. Market facilitator for support mechanisms
2. Target counting for cross border trade
3. Disclosure

Governments are in charge and have to come with additional rules!



Closing remarks

- Make systems for GoO compatible
- International trade is there already
- The Greece issuing body is invited to join the AIB
- Greek market players are invited to become a member of RECS International



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Renewable Energy Certificate System (RECS)

The effective way to stimulate international renewable energy development

Mission Statement

"A cost effective and reliable certificate system for renewable energy in Europe"

RECS advocates a standard certificate as evidence of the production of renewable energy and provides a methodology for trading or otherwise using it separate to the associated physical energy. This enables a market for renewable energy to be created, so prompting the development of new renewable energy capacity in Europe.

After a test phase sponsored by the European Commission and lasting two years, RECS - the initiative of European companies to create a voluntary market for green energy - has become a huge success. The Test Phase is now over, and RECS is operational.

Countries - of 18 European countries, 13 are now active, 2 are expected to commence operation soon and 3 further countries are making preparations.

Participants - 80+ members of RECS International are actively trading, and others are joining all the time.

Certificates - 22.5 million 1MWh certificates have been issued, of which more than 8 million have already been used to guarantee to consumers the origin of the renewable energy they have purchased.

For more information, please contact the RECS secretariat at: info@recs.org

Test Phase sponsored by the European Commission



www.RECS.org

Or

Info@recs.org