

How to join AIB

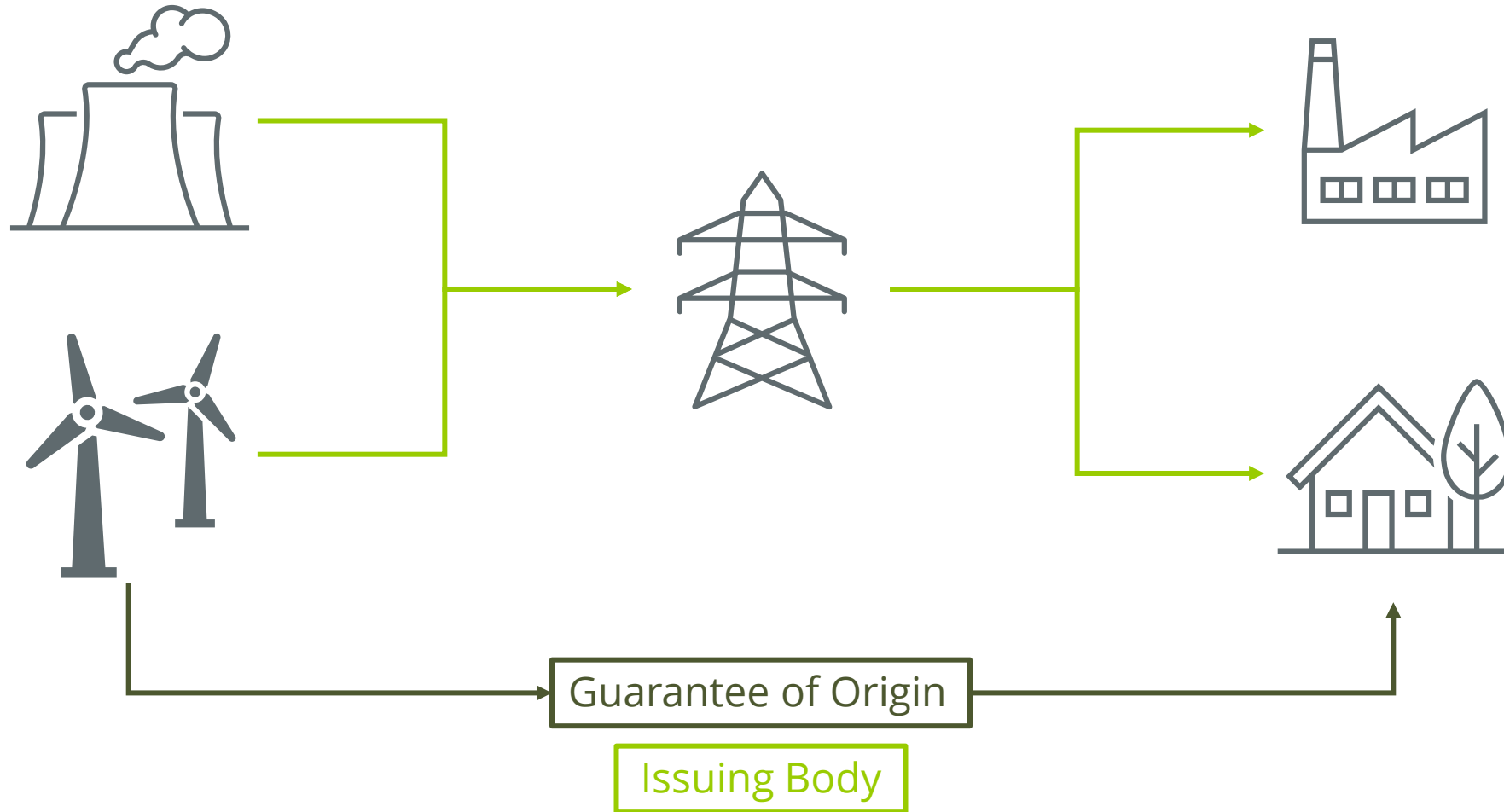


01

Guarantees of Origin

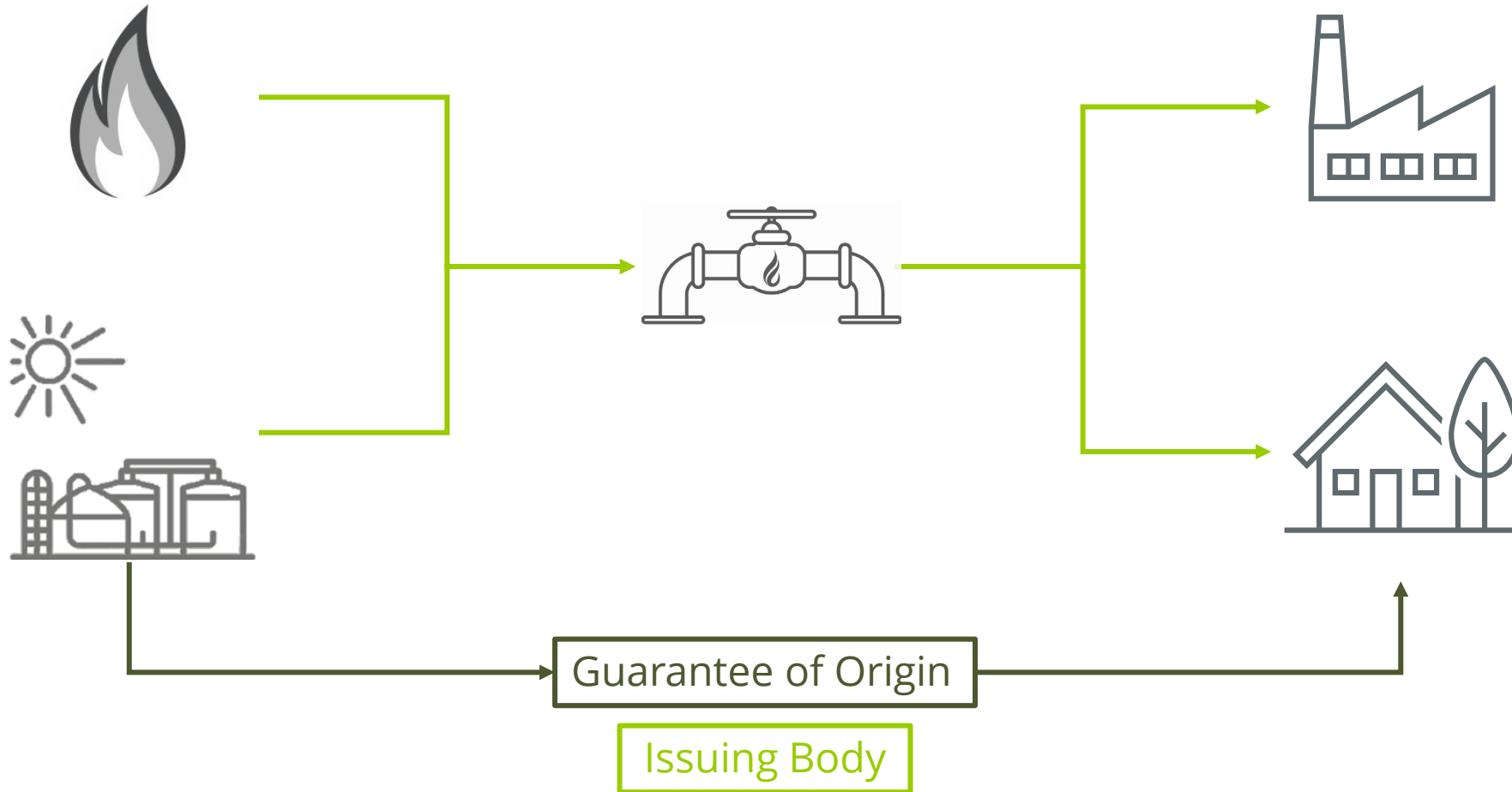
The principle for electricity

Guarantees of Origin



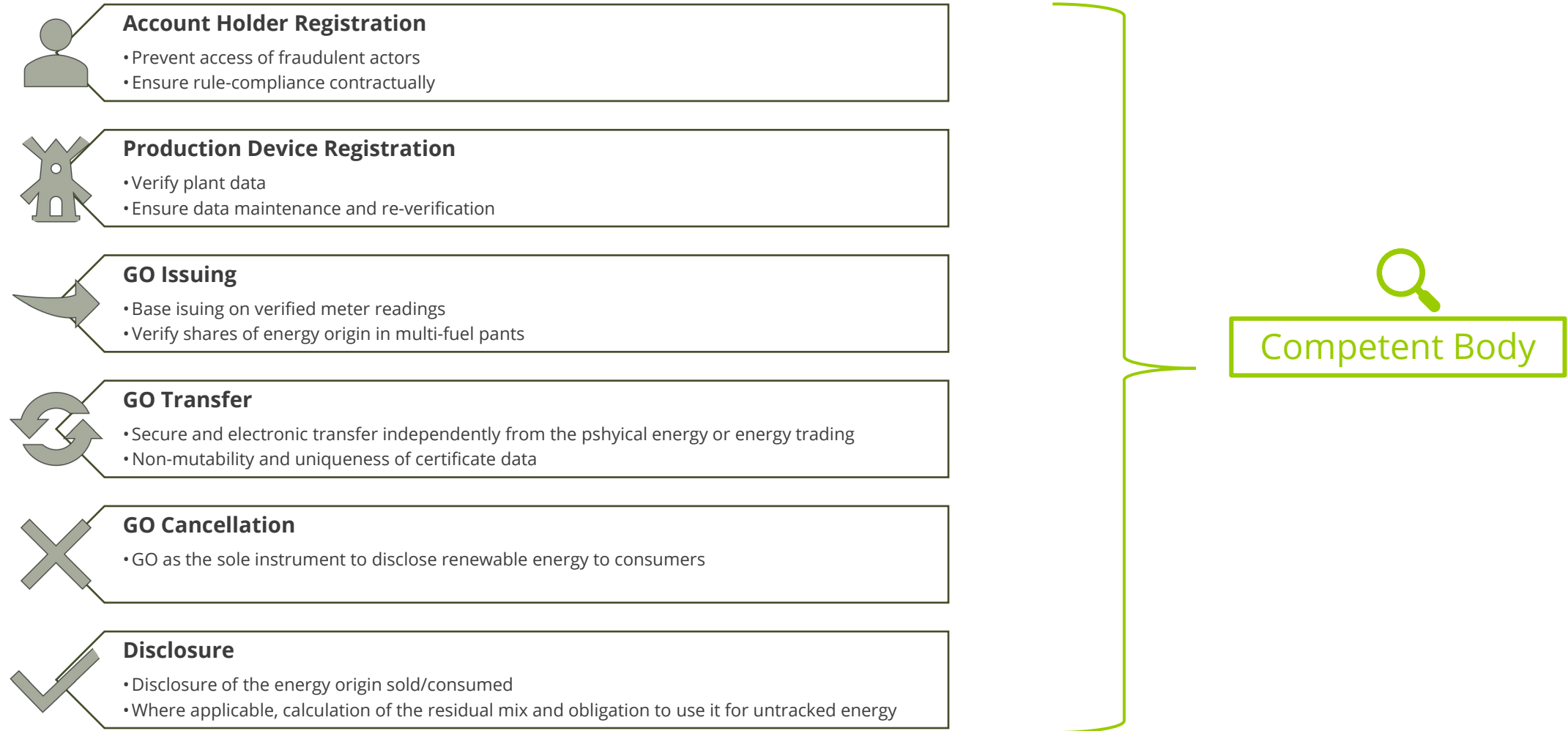
The principle for gas

Guarantees of Origin



Components to be managed in a reliable GO system

Guarantees of Origin



Transparency enhances empowered consumer choices

Data on generic EECS Certificates

Energy Carrier
• Electricity / Energy Gas / Hydrogen
Product
• GO / Support Certificate / Target Certificate / Independent Criteria Scheme
• <u>Product name</u>
Unique certificate number
Production period (start and end dates)
Energy source
Type of installation
Production device info
Identity and country of originating member
Issue date
Identity and country of relevant competent body
Purpose
• Disclosure, Support and/or Target
Support received by type
Dissemination level
Face Value
Conversion Tag & Storage Tag
Label(s) *
Carbon Footprint *
Timestamp *
Production Device Module *
Radioactive waste *

Additional on Electricity certificate

High-Efficiency Cogeneration

High Efficiency Cogeneration Criterion Met?

- Y/N
- If Yes, then also following fields are mandatory

Lower Calorific Value

Use of Heat

Primary Energy Savings

- % PES
- Absolute PES

GHG Emissions

- %
- Absolute

Fossil energy sources

GHG Emissions

Nuclear energy sources

Radioactive Waste

Additional on Gas certificate

Type of Gas

- See Fact Sheet

Whether Higher or Lower Calorific Value

GHG Emissions Saved & Produced *

- + Methodology reference

Sustainability Criteria met?*

- Y/N; requirements, scheme, name Certification Body, reference to report

GHG saving criteria met?*

Calorific value *

End-Use of gas category*

Source-Shares *

Production Device Module(s) *

- Description, capacity, date operational

Pre-Conversion support info *

PurityOfGas *

CompositionCriteriaReference *

Advanced Biofuel Criteria Met? *

Legend:

Mandatory information field

*Optional information field

03

AIB: facts & Statistics

AIB and its Member Countries / Regions

Facts & Statistics

→ AIB – International non-profit association – IVZW (°2002)

→ Headquarters in Brussels

→ Developer and custodian of the EECS™ standard

→ 28 countries connected (36 members)

→ Geographical scope: EU - EFTA – Energy Community

→ All current AIB members are issuing bodies for Guarantees of Origin

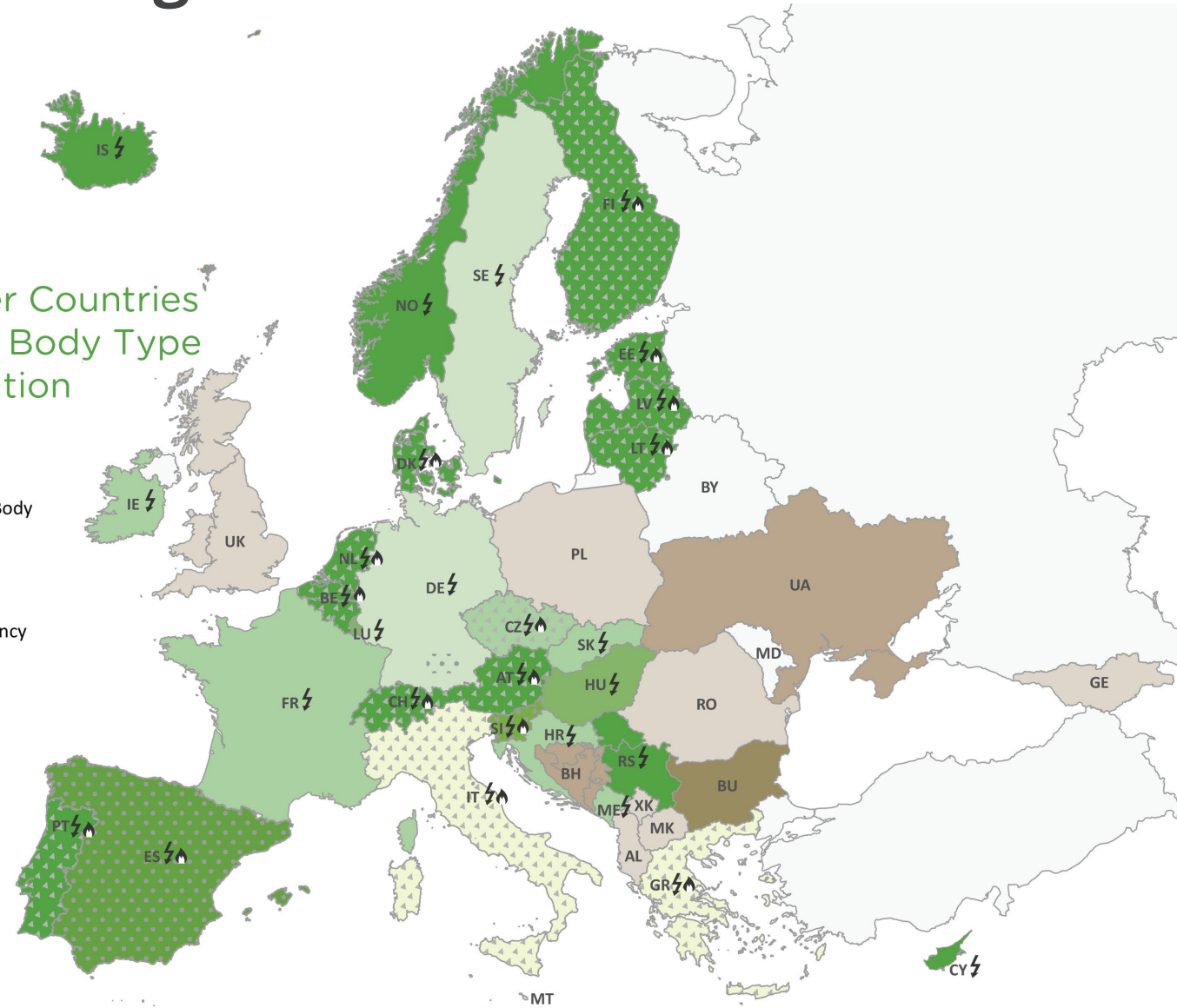
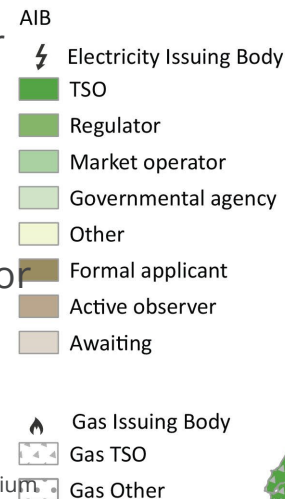
→ Very diverse: regulator, market operator, TSO, ministry, power exchange etc.

→ Several members are also competent bodies for the supervision of electricity disclosure

→ Already 20 AIB members assigned by their government for issuing gas GO

- Austria (E-Control), Belgium Brussels (Brugel), Belgium Flanders (VREG), Belgium Wallonia (SPW), Czech Republic (OTE), Croatia (HROTE), Denmark (Energinet), Estonia (Elering), Finland (Gasgrid Finland), France (EEX), Greece (Dapeep), Italy (GSE), Latvia (Conexus Baltic Grid), Lithuania (Amber Grid), Portugal (REN), Slovenia (AGEN-RS), Spain (Enagas GTS), Switzerland (Pronovo), more to follow

AIB Member Countries and Issuing Body Type of Organisation



Size of the market for electricity GOs

AIB Facts & Statistics (status 14/11/2023)

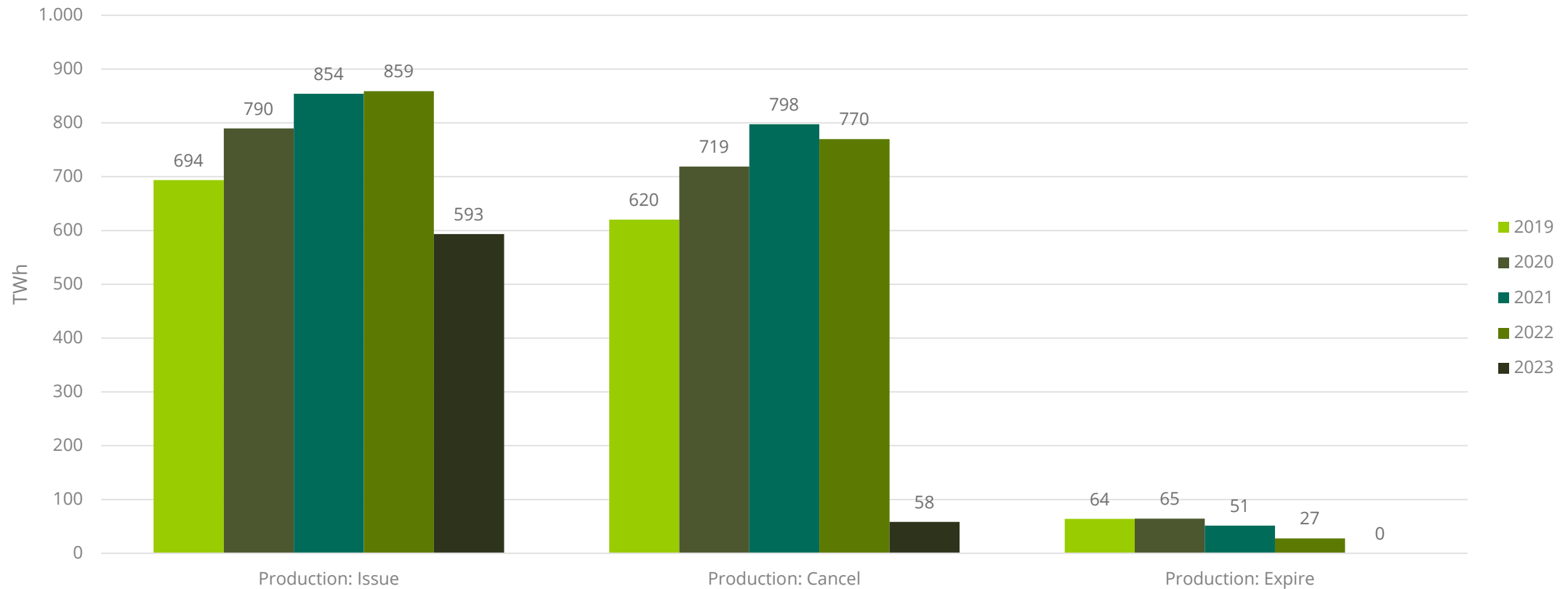
Annual EECS transactions by transaction date (TWh)



Size of the market for electricity GOs

AIB Facts & Statistics (status 14/11/2023)

Annual EECS transactions by production date (TWh)



International transfers of electronic documents

The AIB hub

→ International transfers of electronic documents

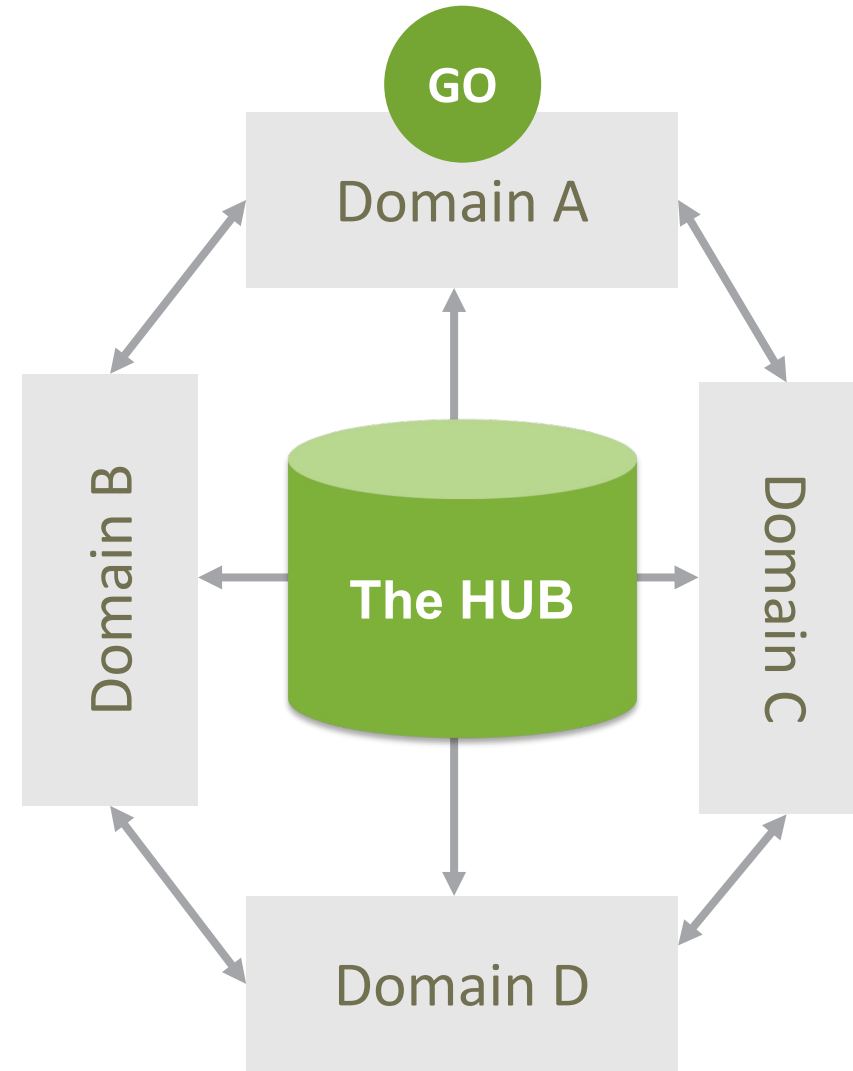
- Statistics are available on the [AIB website](#)
- 28 Domains

→ How

- Standardised
- Automated
- Jointly operated

→ Why

- Efficiency
- Trust
- Fraud prevention



Why have standards?



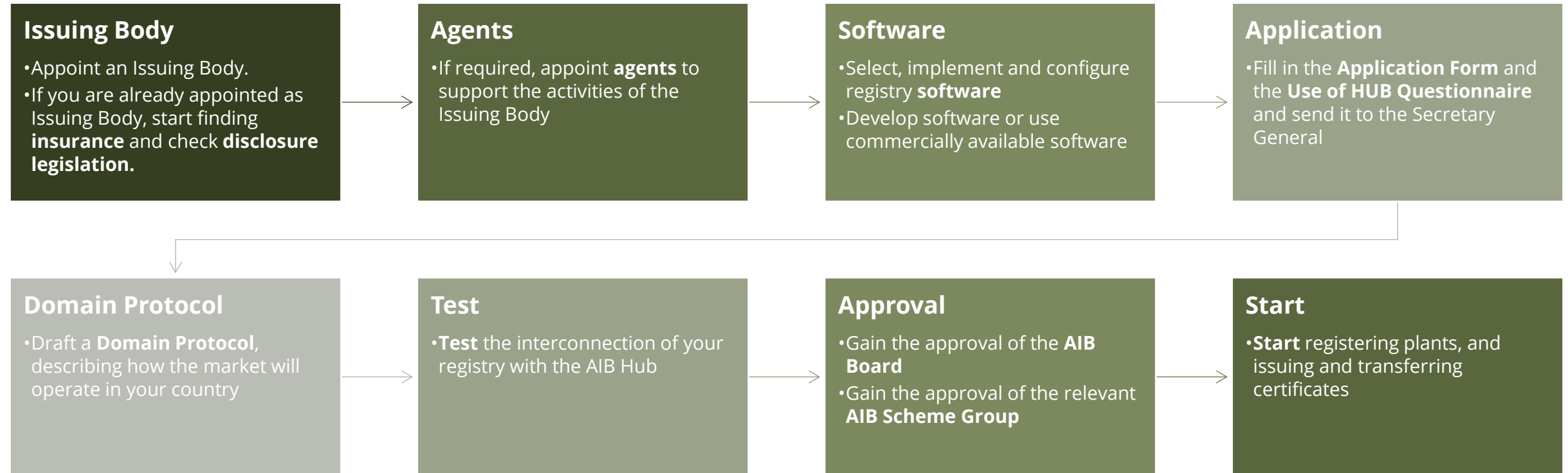
Try plugging that in !

02

Joining Process

Setting up AIB infrastructure in your country

Joining Process



Orientated time schedule

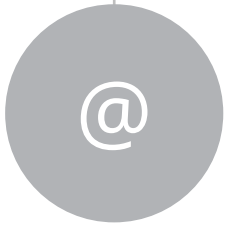
Joining Process

Activity	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
Get in contact with AIB												
Appoint agents												
Select, implement and configure registry software												
Apply for AIB membership												
Draft domain protocol												
Review domain protocol												
Test interconnection Your Registry ↔ AIB Hub												
Approval of AIB board												
Approval of AIB Scheme Group												
AIB Support												

Your Contacts

Joining Process

Joining Documentation



www.aib-net.org

Procedural Matters



info@aib-net.org

Technical Matters



liesbeth@aib-net.org

IT Matters



martin@aib-net.org

04

Membership

Benefits of Joining AIB

Membership

EECS standard developed jointly by all members according to EU Directives and member state needs.

- ✓ Both EECS and the AIB Hub are continuously **improved**
- ✓ **Harmonised certification** with specifics for gas/electricity
- ✓ **Independent decision-making** regarding specifics for gas/electricity
- ✓ Dealing with **one Hub connection** instead of a lot:
 - Cuts down prices
 - Reduces workload
 - More safe/reliable 58 eyes are much better than 2
- ✓ Part of a **“accredited authority”**
- ✓ Peer-to-peer exchange of **reliable information**
- ✓ Continuous best practices **training**
- ✓ Strong **networking**
- ✓ Tailor-made **advice and expertise**

Benefits of Joining AIB

Membership

Becoming and being a member of the AIB



Membership Fees

Membership

- AIB is an Association financing itself via membership fees.
- The membership fees intend to share the costs of providing services equitably between members (explained in detail in Joining Brochure).
- Where applicable, membership fees are calculated based on the number of transfers expressed in TWh.

	Activity	Fee
Observer	N/A	€ 7 000
Small	< 4 TWh	€ 7 000
Medium	≥ 4 TWh and < 10 TWh	€ 45 000
Large	≥ 10 TWh and < 100 TWh	€ 80 000
Extra Large	≥ 100 TWh	€ 95 000

05

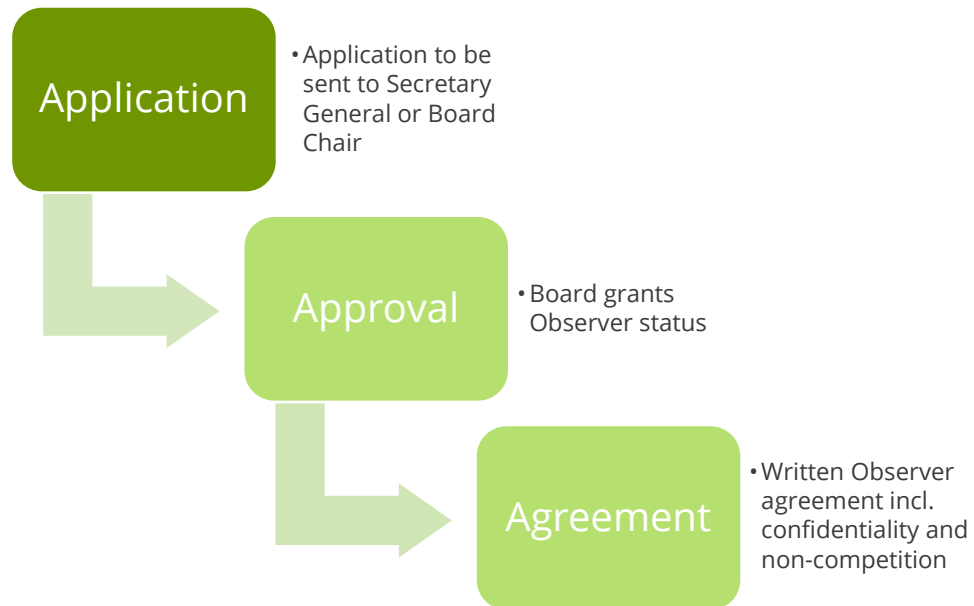
Observer

Observer Status

Observer

The Observer status can be granted to Issuing Bodies (legislative or voluntary certificates).

Process



Rights

- ✓ Limited access to website and meetings
- ✓ No voting rights
- ✓ First calendar year for free



Thank you for your attention!

You are welcome to become a member of the AIB
and
we look forward to a pleasant cooperation.

Let's move forward together!



www.aib-net.org



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