

Join the AIB

November 2023

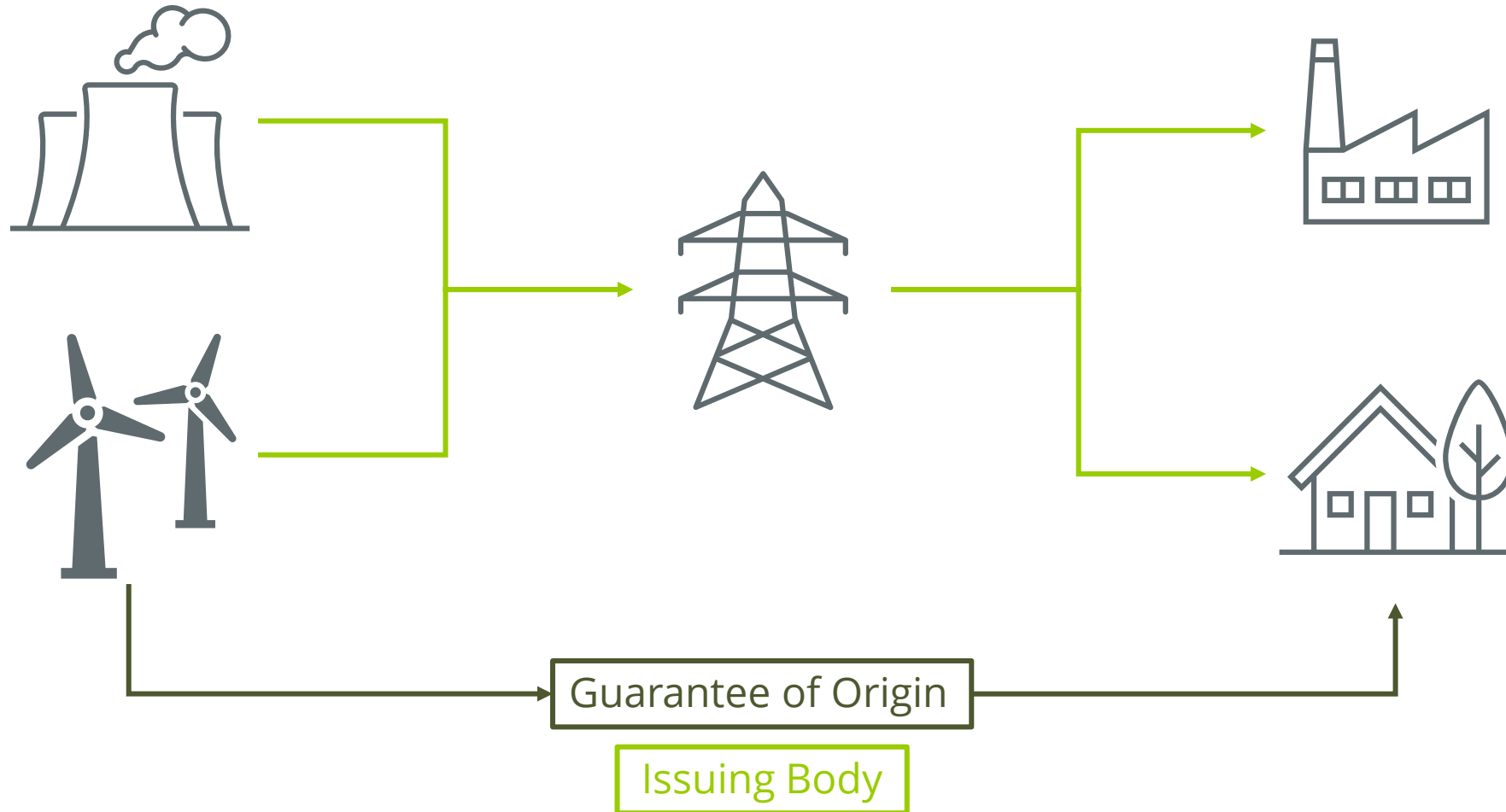


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Guarantees of Origin

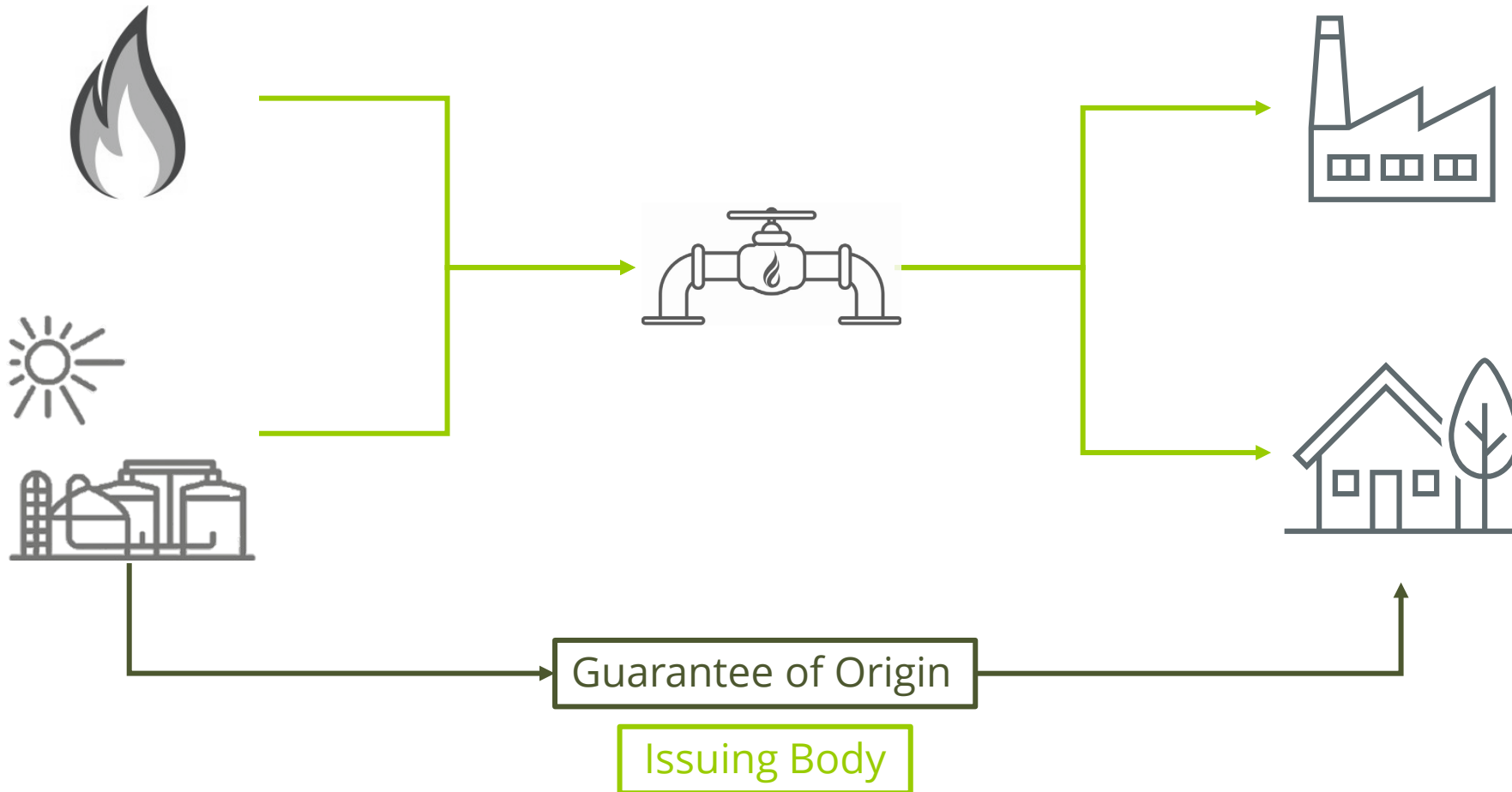
The principle for electricity

Guarantees of Origin



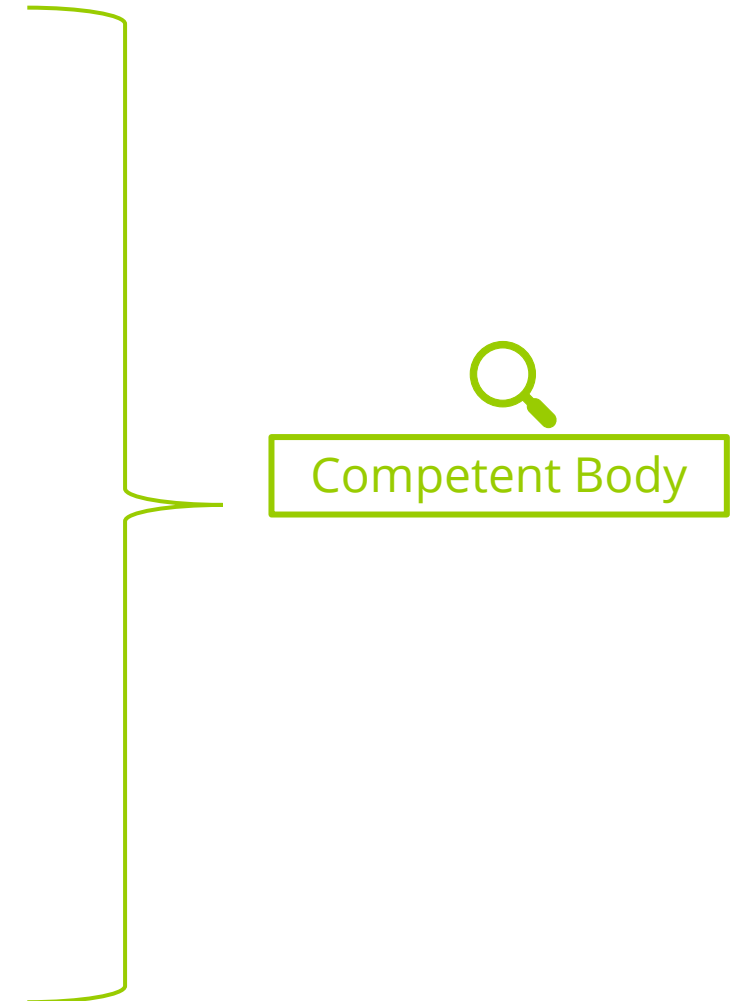
The principle for gas

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
 - Product name
- 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

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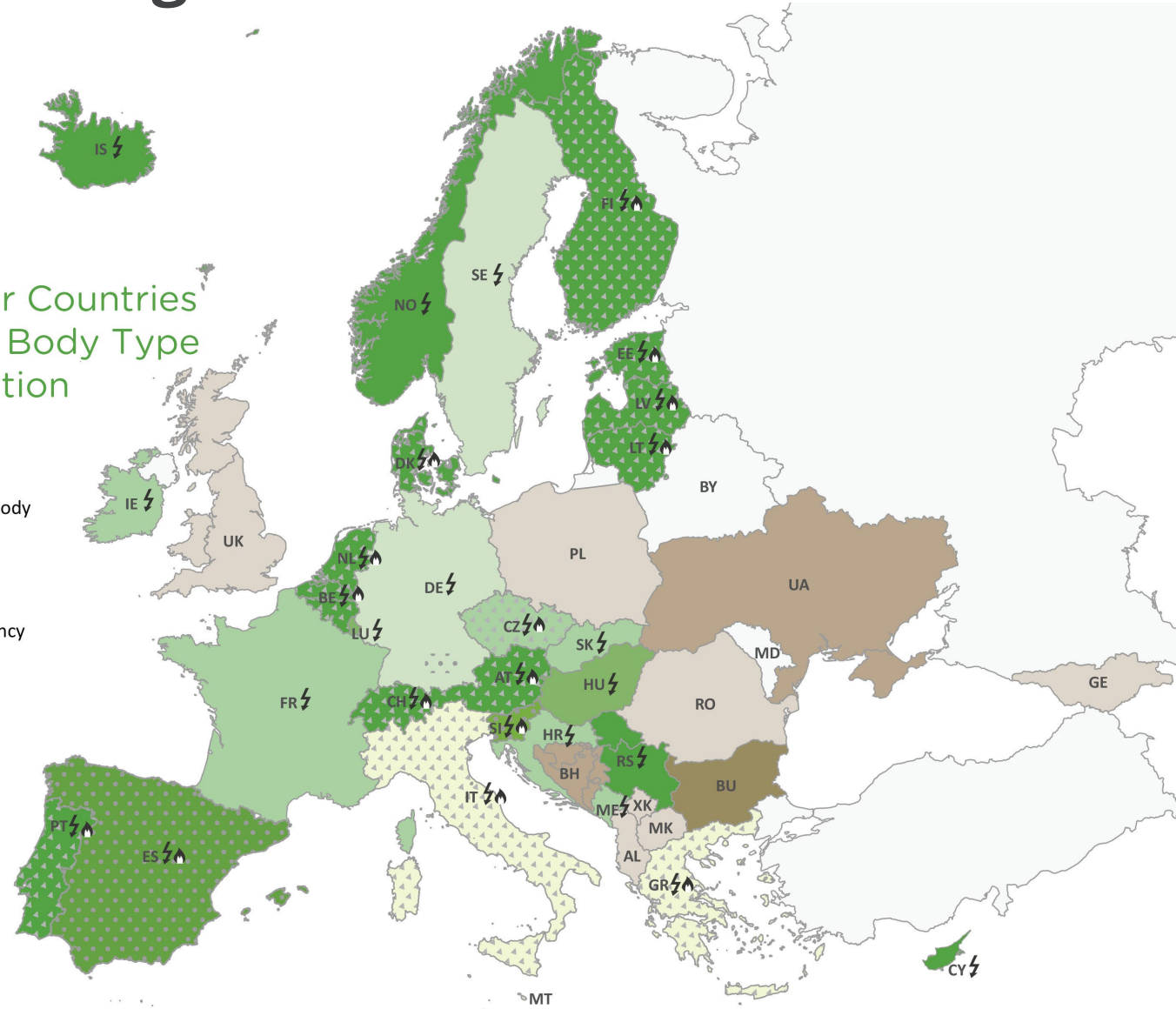
AIB: facts & Statistics

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)

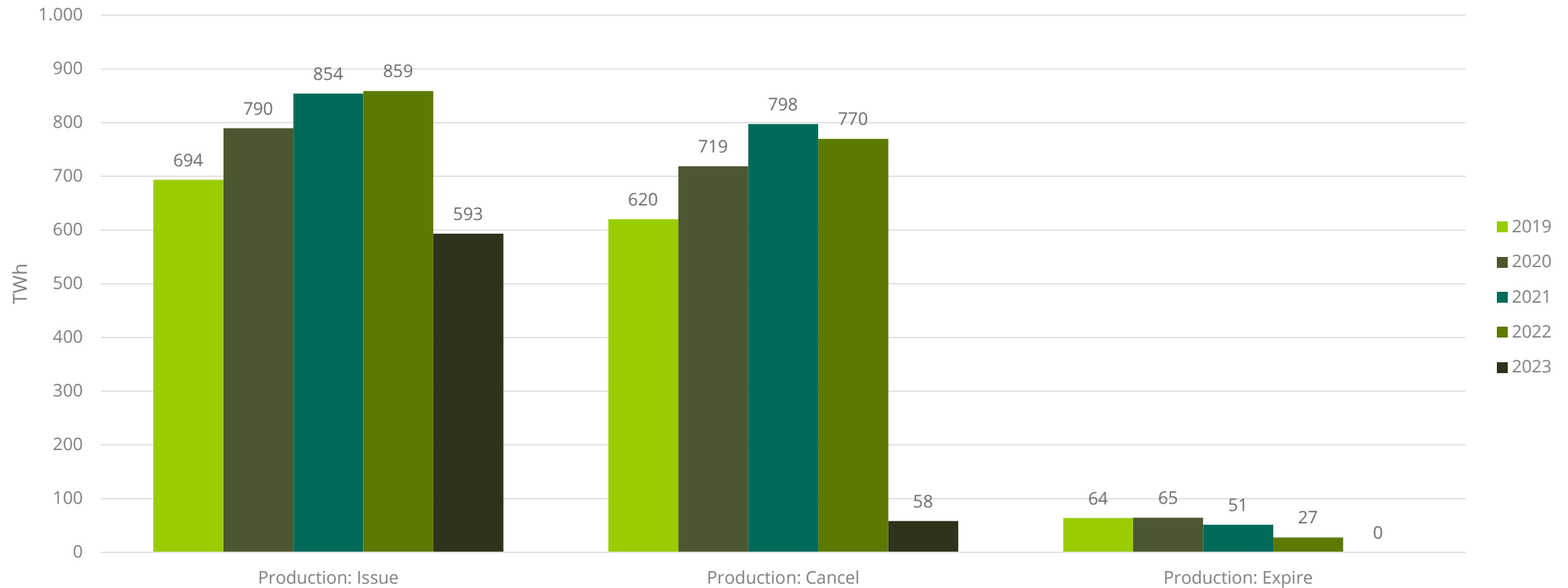
Annual EECS transactions by transaction date (TWh)



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

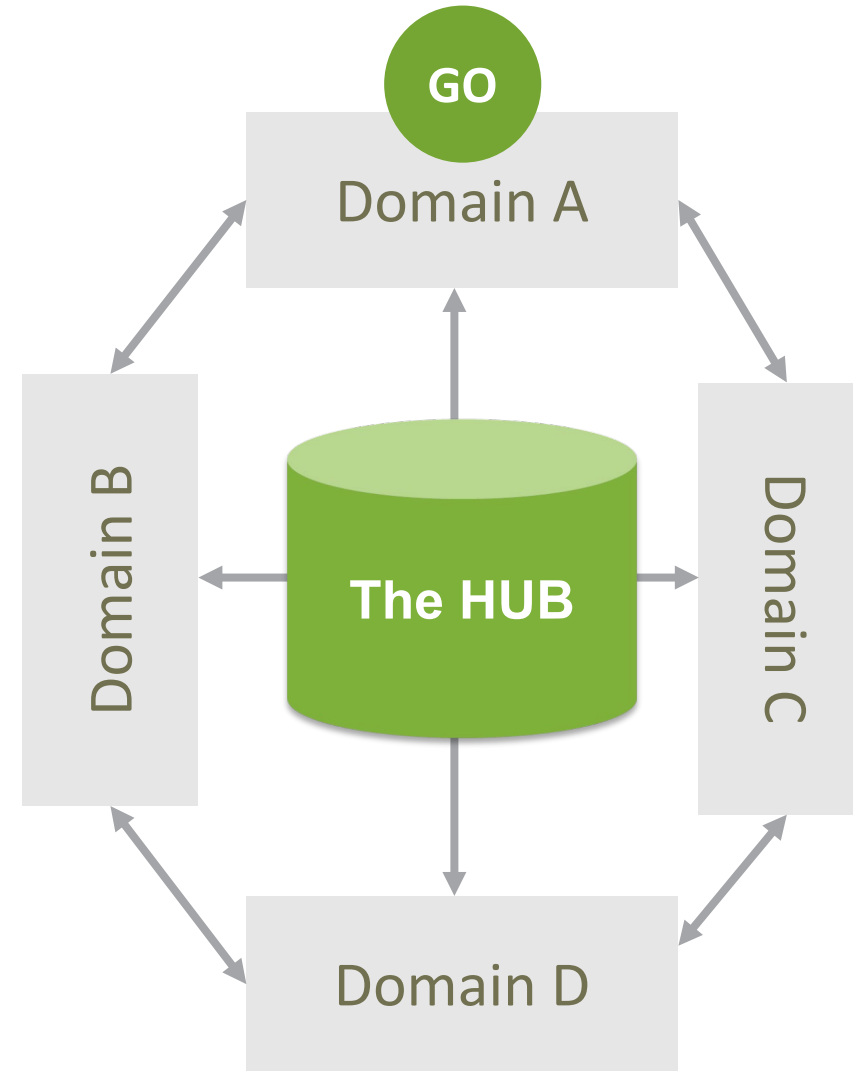
- Statistics are available on the [AIB website](#)
- 28 Domains

→ How

- Standardised
- Automated
- Jointly operated

→ Why

- Efficiency
- Trust
- Fraud prevention



Why have standards?



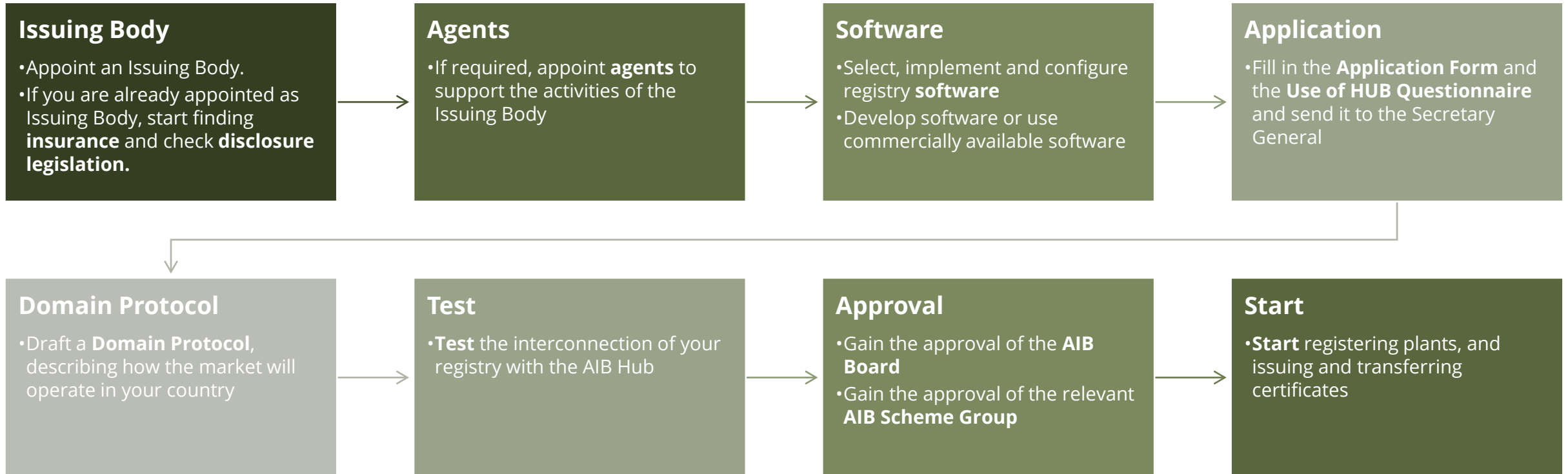
Try plugging that in !

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	Active	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive
Appoint agents	Active	Active	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive
Select, implement and configure registry software	Passive	Active	Active	Active	Active	Active	Active	Active	Active	Passive	Passive	Passive
Apply for AIB membership	Active	Active	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive
Draft domain protocol	Passive	Active	Active	Active	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive
Review domain protocol	Passive	Passive	Passive	Active	Active	Active	Active	Active	Active	Active	Active	Passive
Test interconnection Your Registry ↔ AIB Hub	Passive	Passive	Passive	Passive	Active	Active	Active	Active	Active	Active	Active	Passive
Approval of AIB board	Passive	Passive	Passive	Passive	Passive	Active	Active	Active	Active	Active	Passive	Passive
Approval of AIB Scheme Group	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Active
AIB Support	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active

Your Contacts

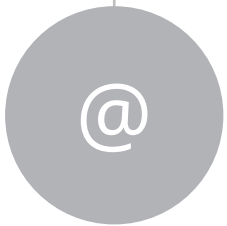
Joining Process

Joining
Documentation

Procedural
Matters

Technical
Matters

IT
Matters



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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	€ 6 300
Small	< 4 TWh	€ 6 300
Medium	≥ 4 TWh and < 8 TWh	€ 38 100
Large	≥ 8 TWh	€ 81 800

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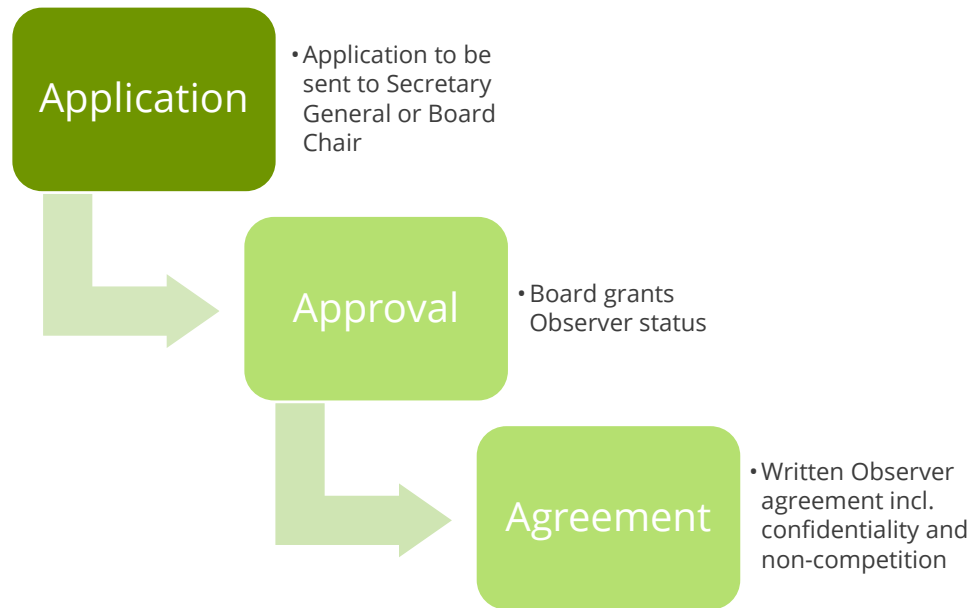
Observer

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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