

The Origin of Guarantees of Origin

The role of the AIB in the European GO market

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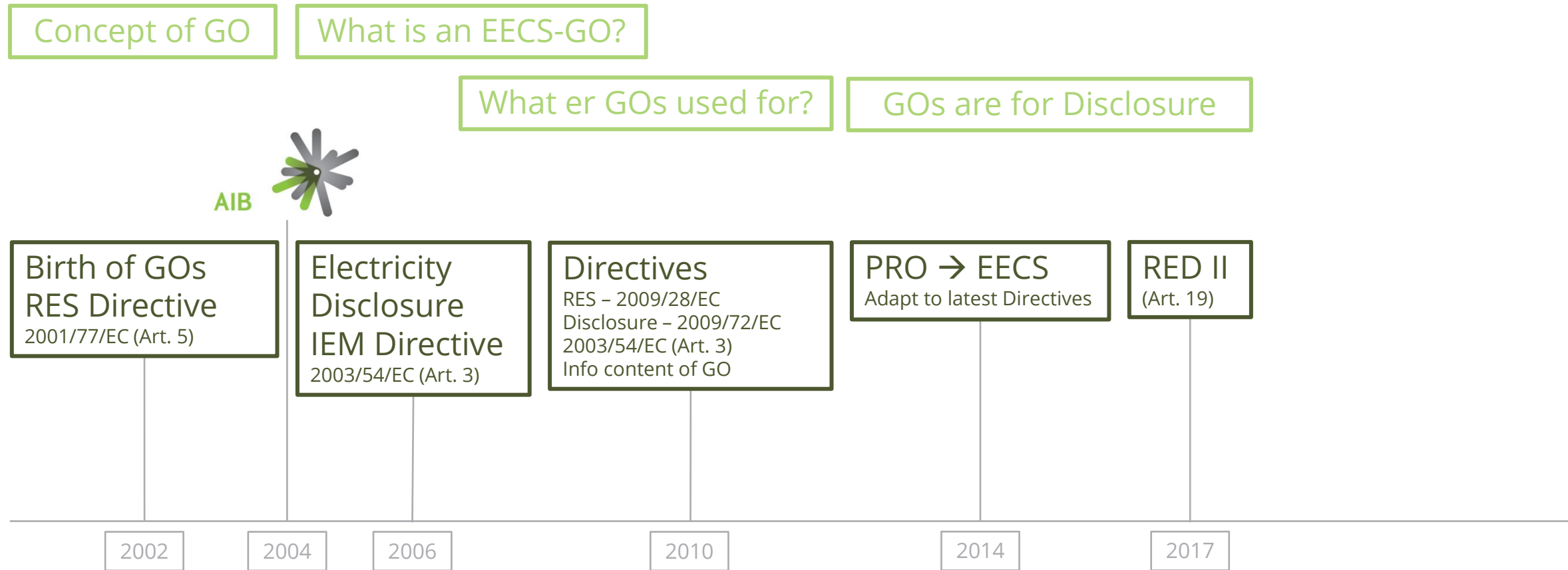


01

Short history

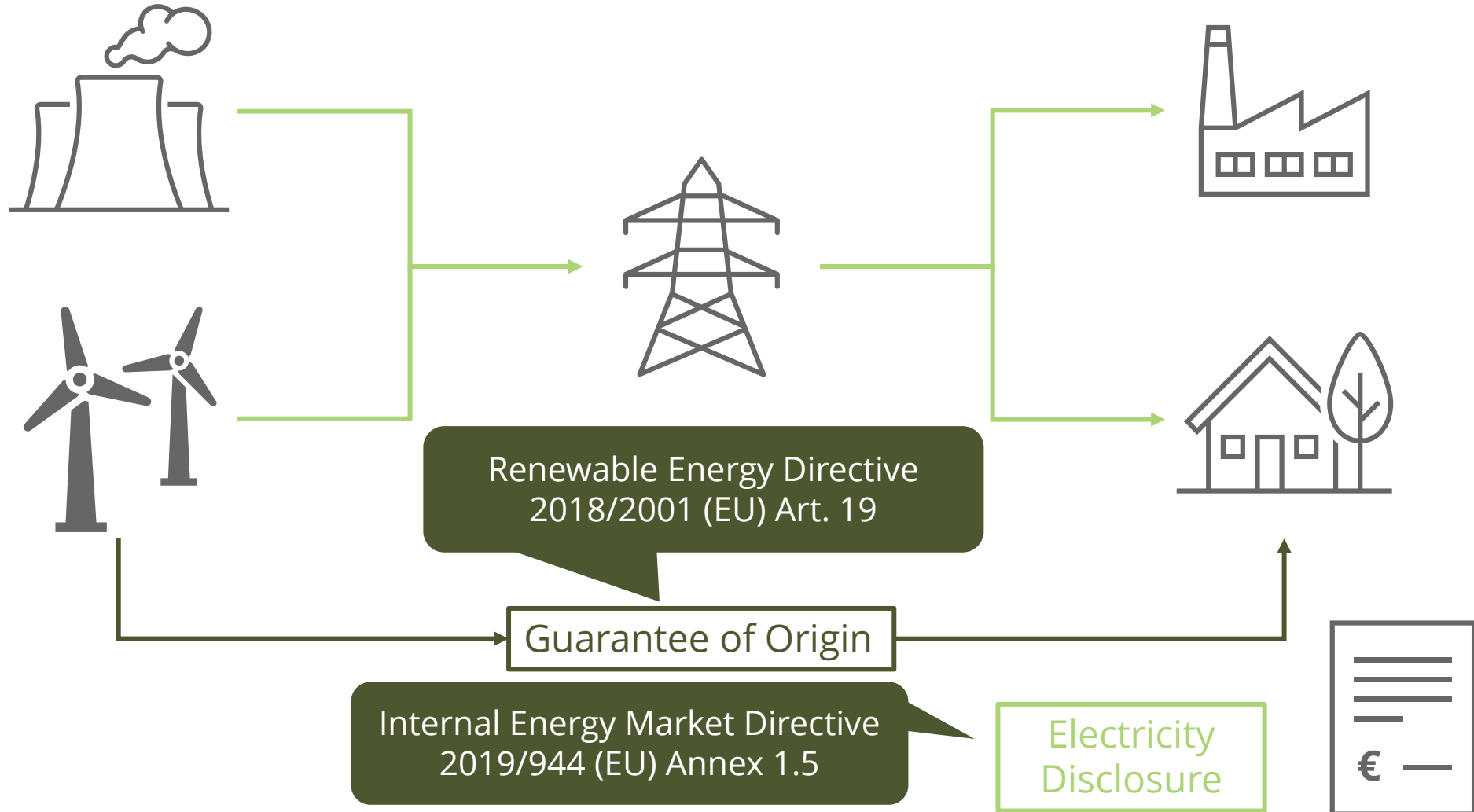
Timeline

Guarantees of Origin



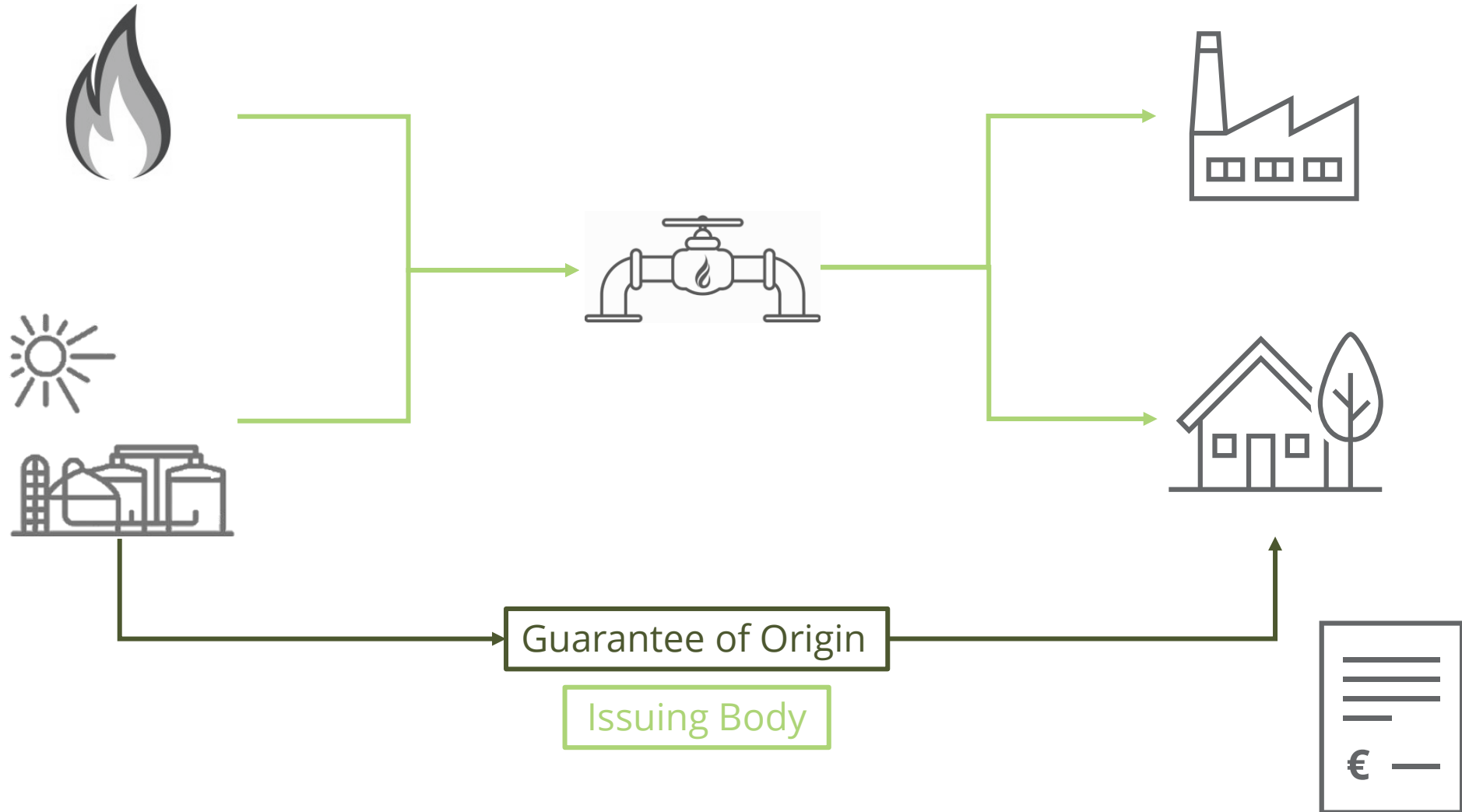
European Legislation

Guarantees of Origin



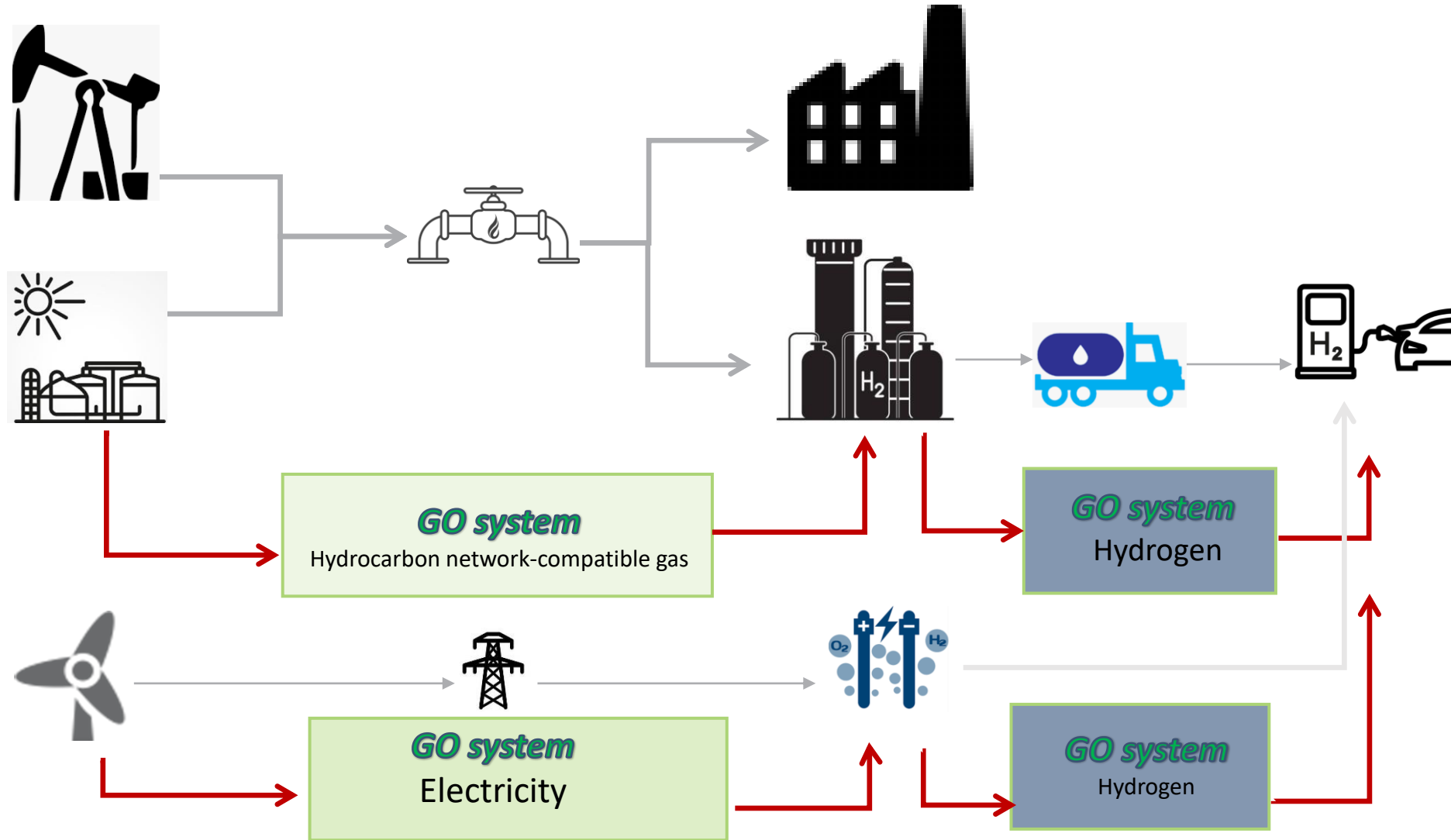
The principle for gas

Guarantees of Origin



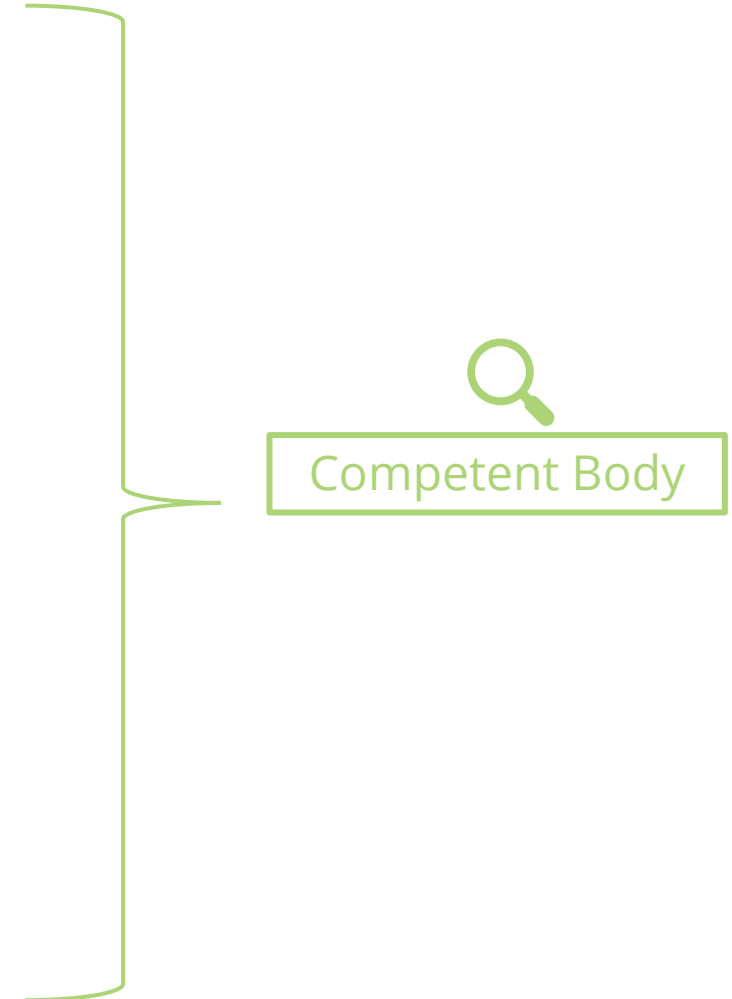
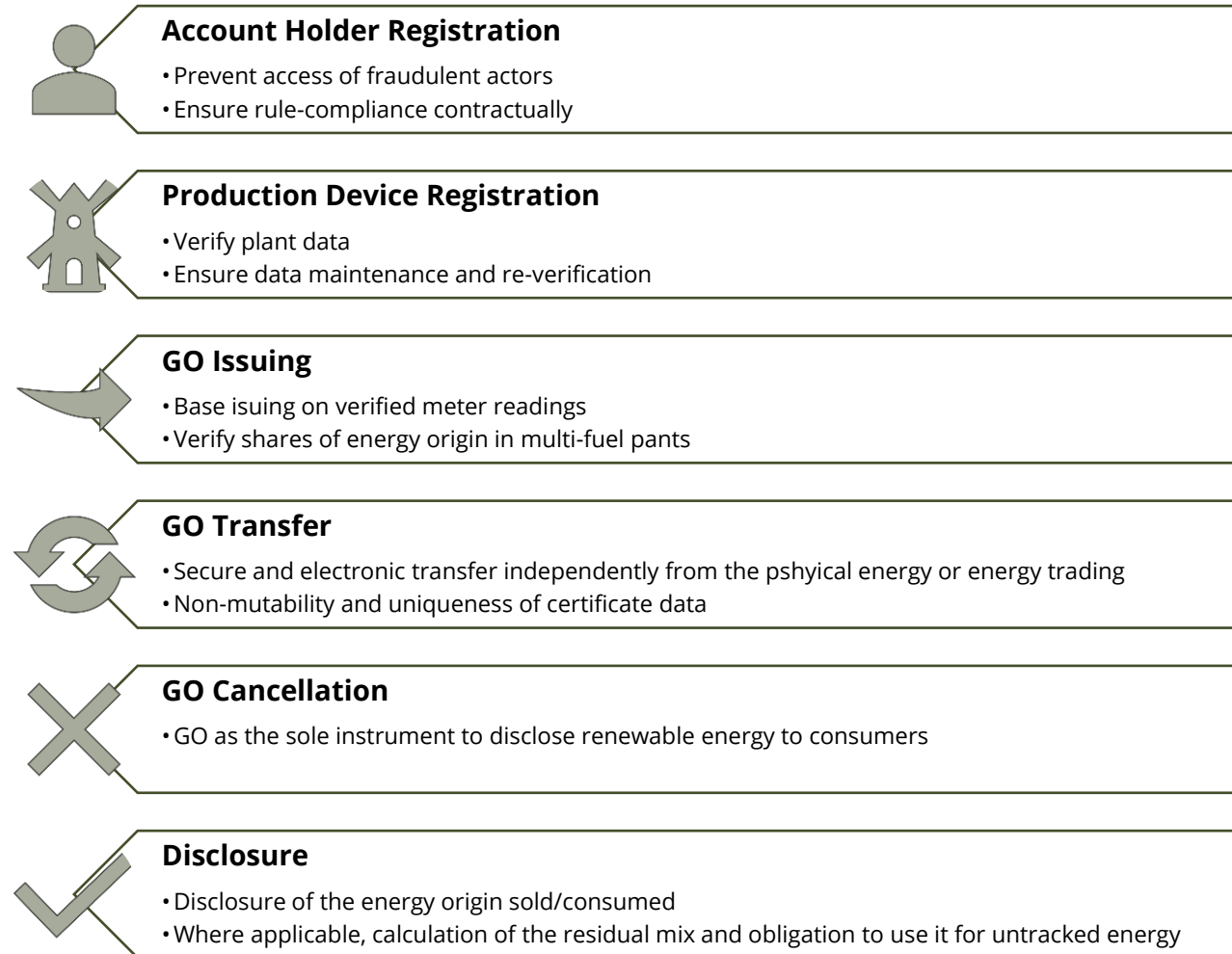
Why a generic GO system for all energy carriers?

GO Conversion Issuance

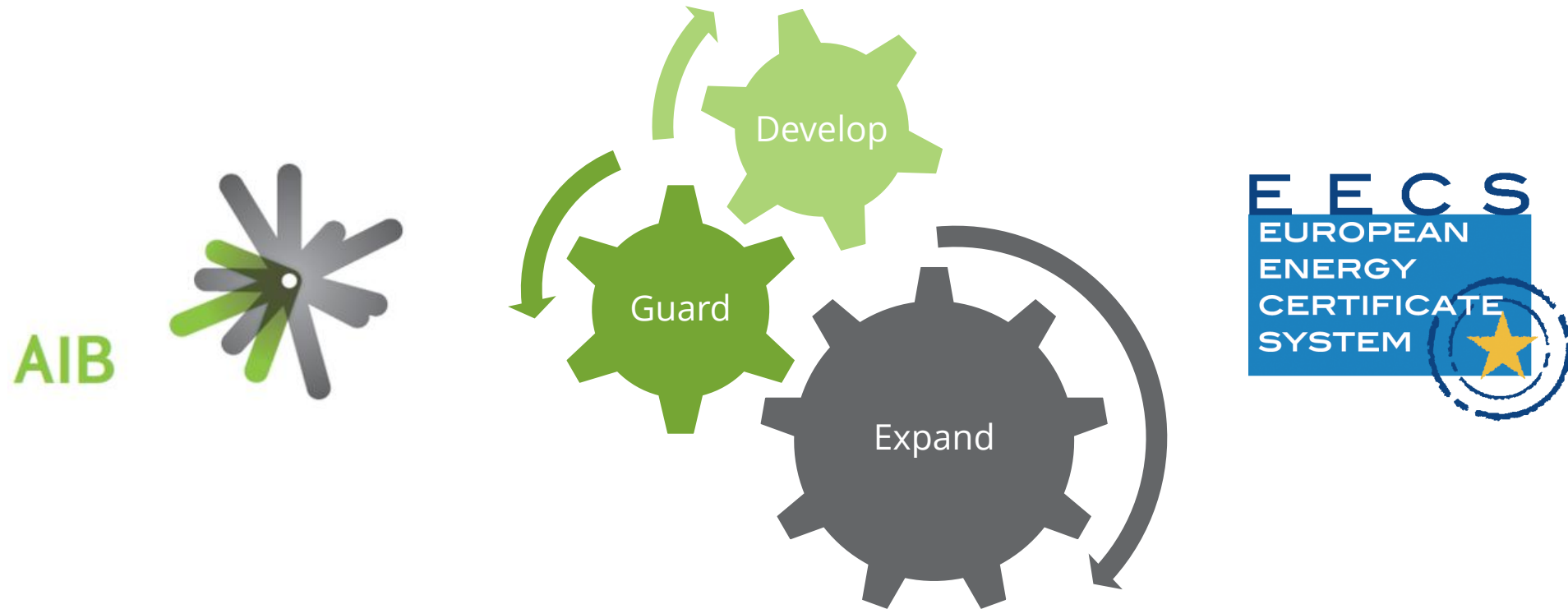


Components to be managed in a reliable GO system

Guarantees of Origin



Guarantees of Origin



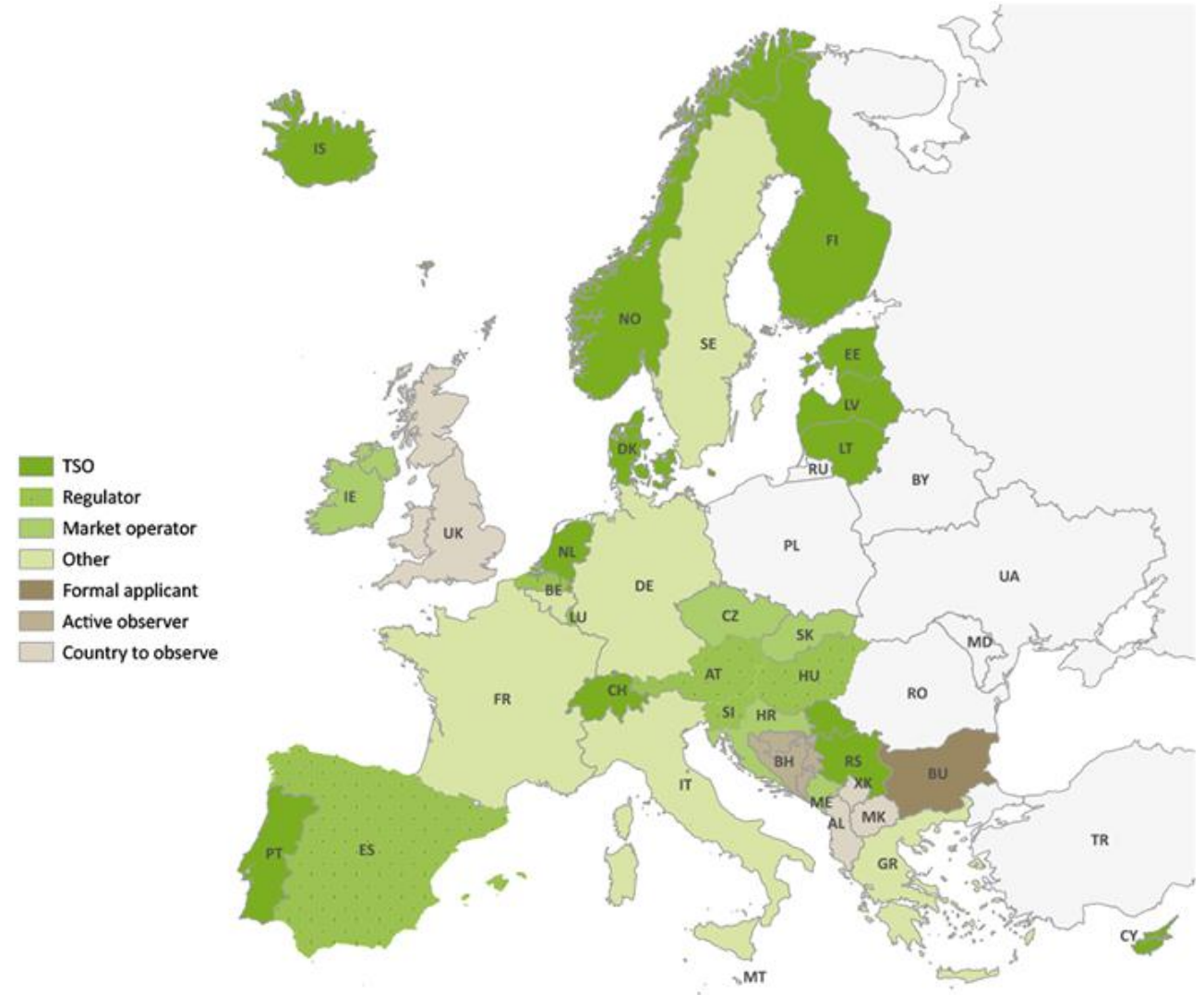
02

Association of Issuing bodies

The AIB

AIB Facts & Statistics

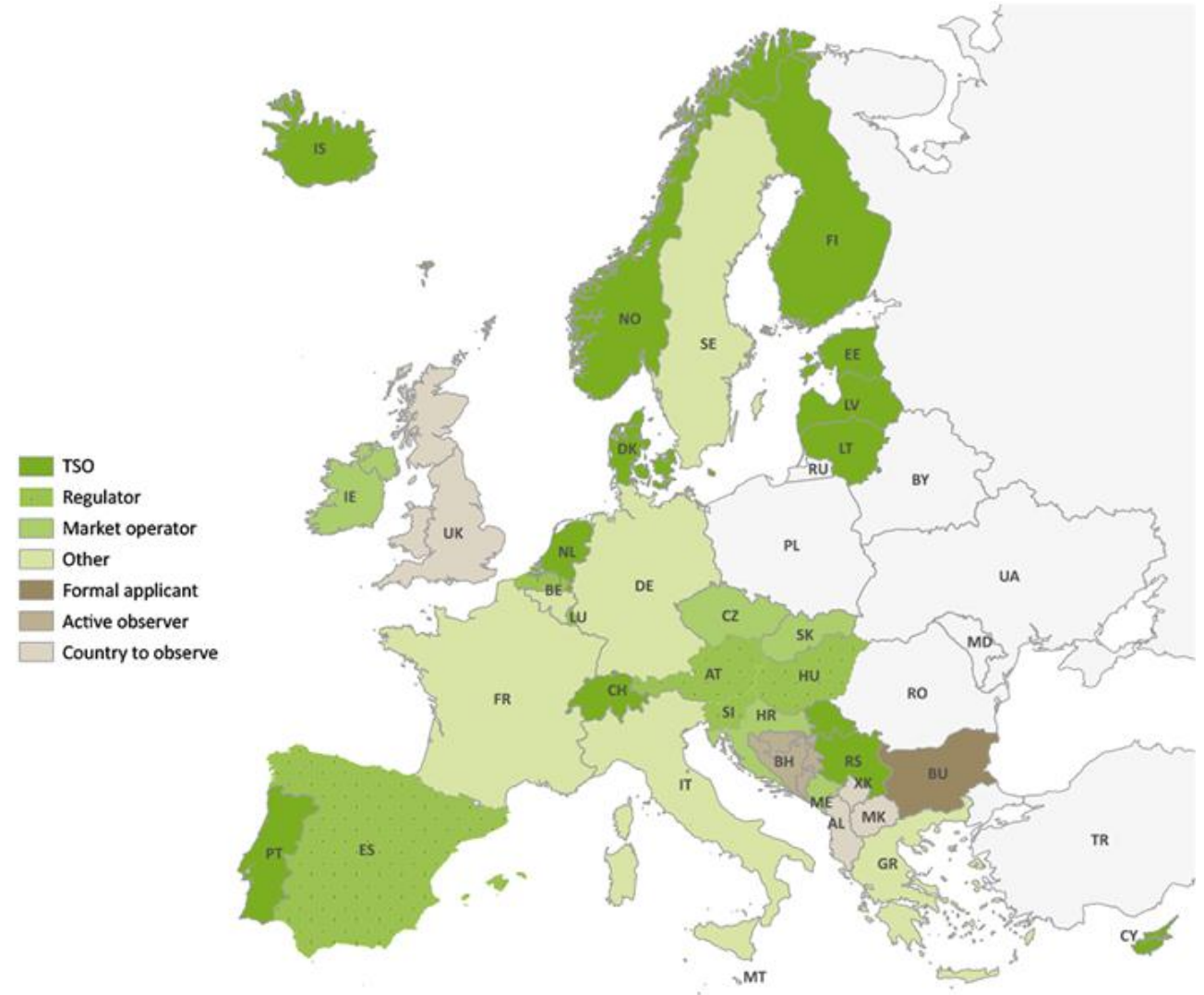
- AIB was founded in 2002
- International Non-Profit Association
- Headquarters in Brussels
- Developer and custodian of the EECS™ standard



AIB and its Member Countries / Regions

AIB Facts & Statistics

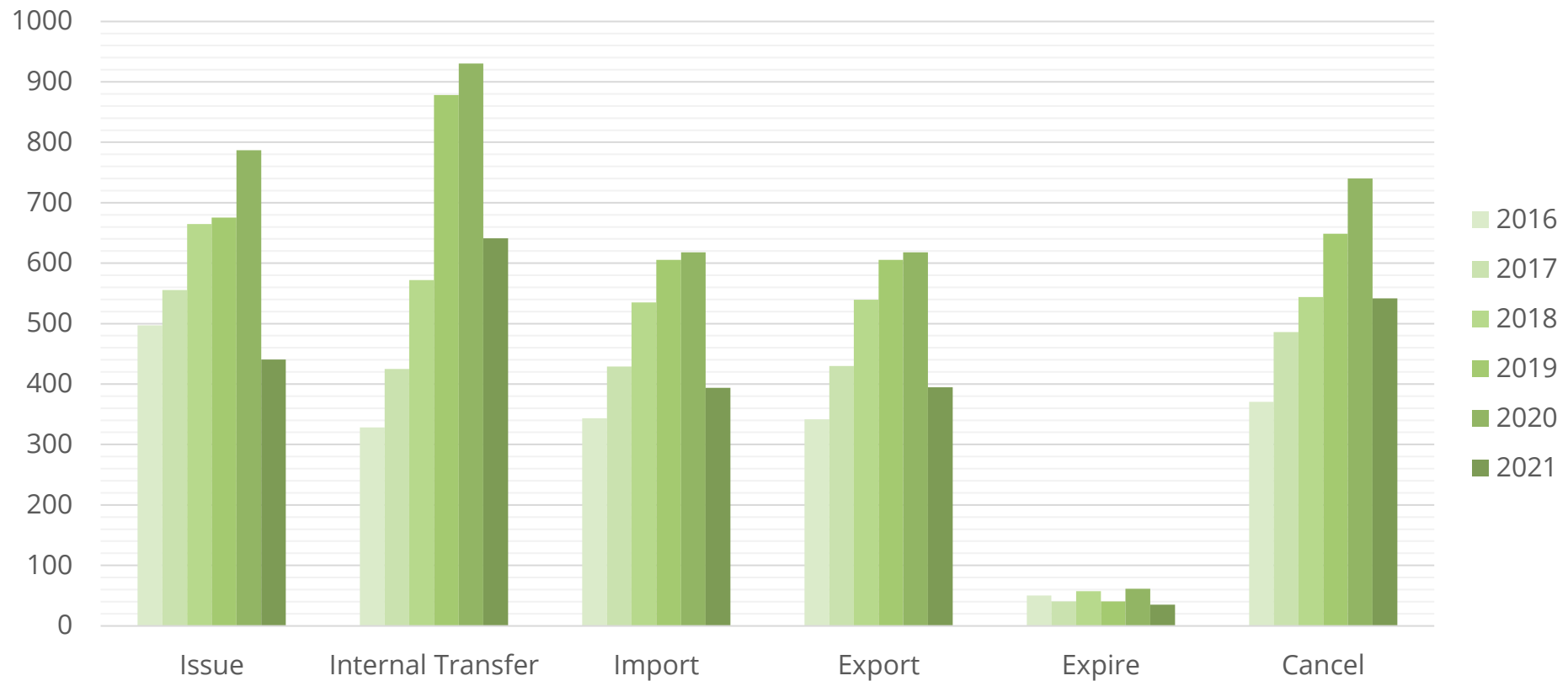
- 27 countries connected (31 members)
- Geographical scope: EU - EFTA – Energy Community
- All AIB's current members are issuing bodies for GOs
- Very diverse: regulator, market operator, TSO, ministry, power exchange etc.
- About half AIB's members are also competent bodies for the supervision of electricity disclosure
- Already 7 AIB members assigned by their government for issuing gas GO – more to follow



Size of the market for electricity GOs

AIB Facts & Statistics

Annual EECS transactions by transaction date (TWh)



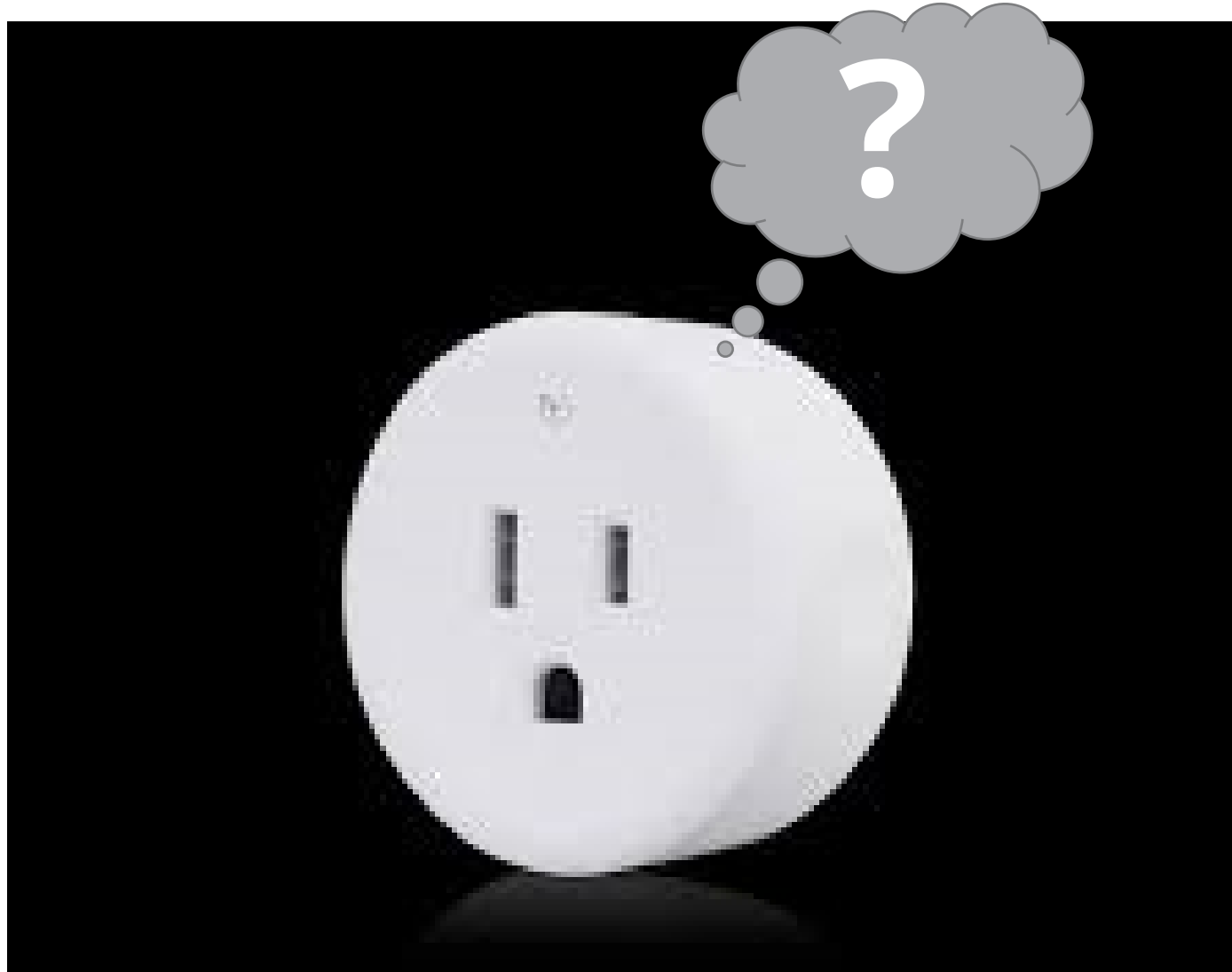


Fine, but why?

Problem:

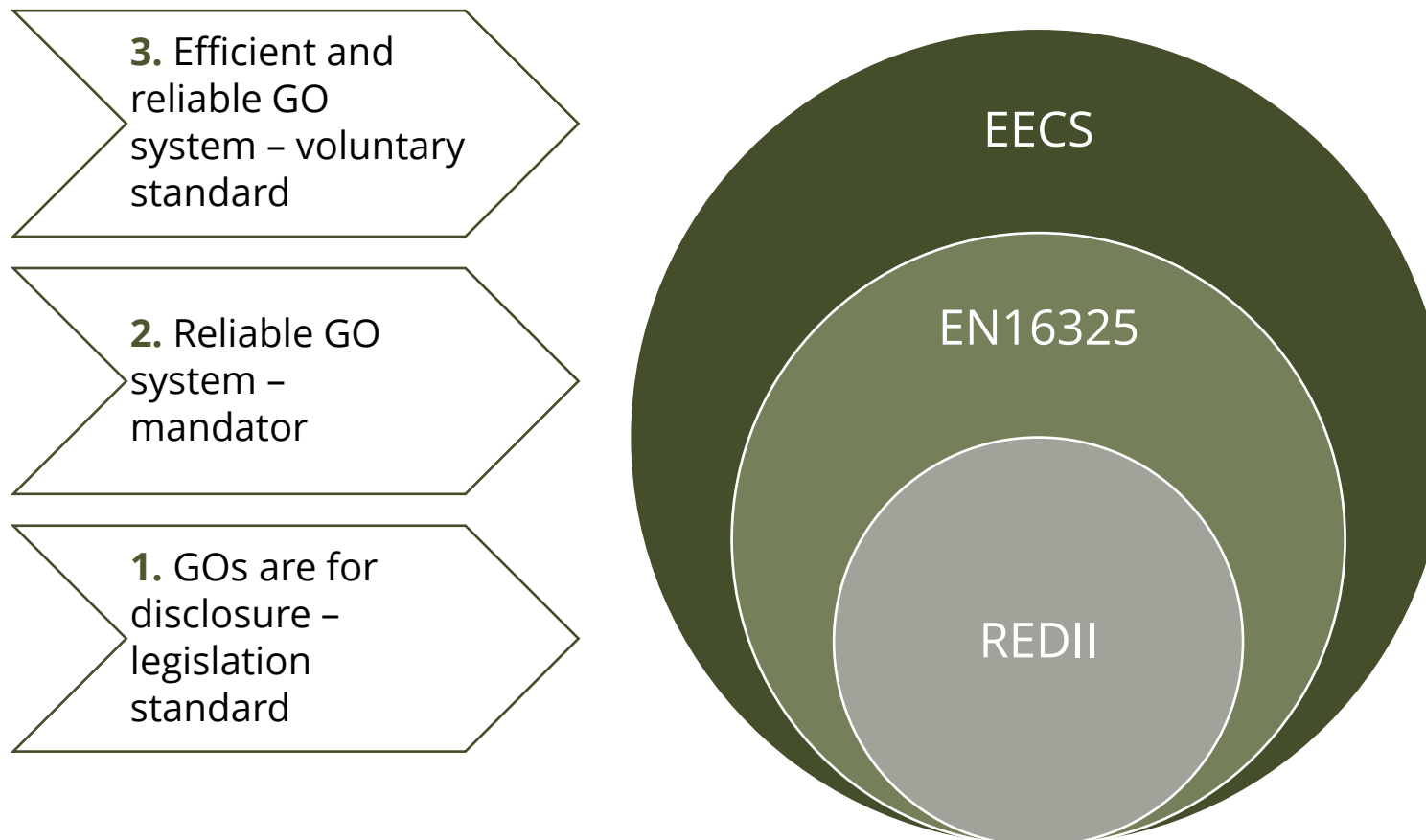
Create a device to deliver AC power to devices





Guarantees of origin

Framework



AIB organised to facilitate multi-energy

1. EECS Energy Carrier Conversion Rules

→ Since September 2019

2. Separate decision making for Electricity and Gas specifics

→ Since February 2020

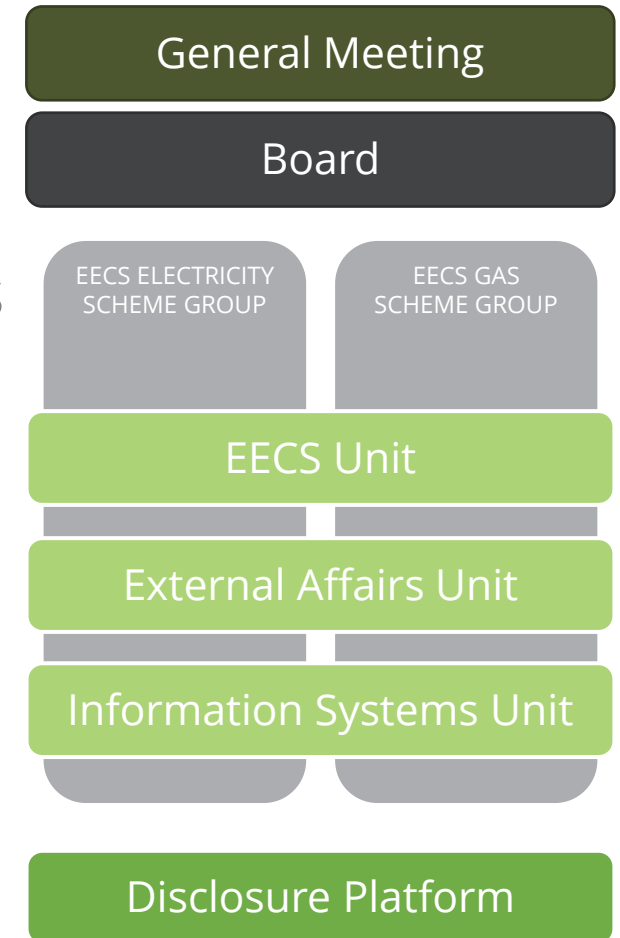
i. Electricity Scheme Group

- Electricity Scheme = section N of the EECS Rules
- Voting members

ii. Gas Scheme Group

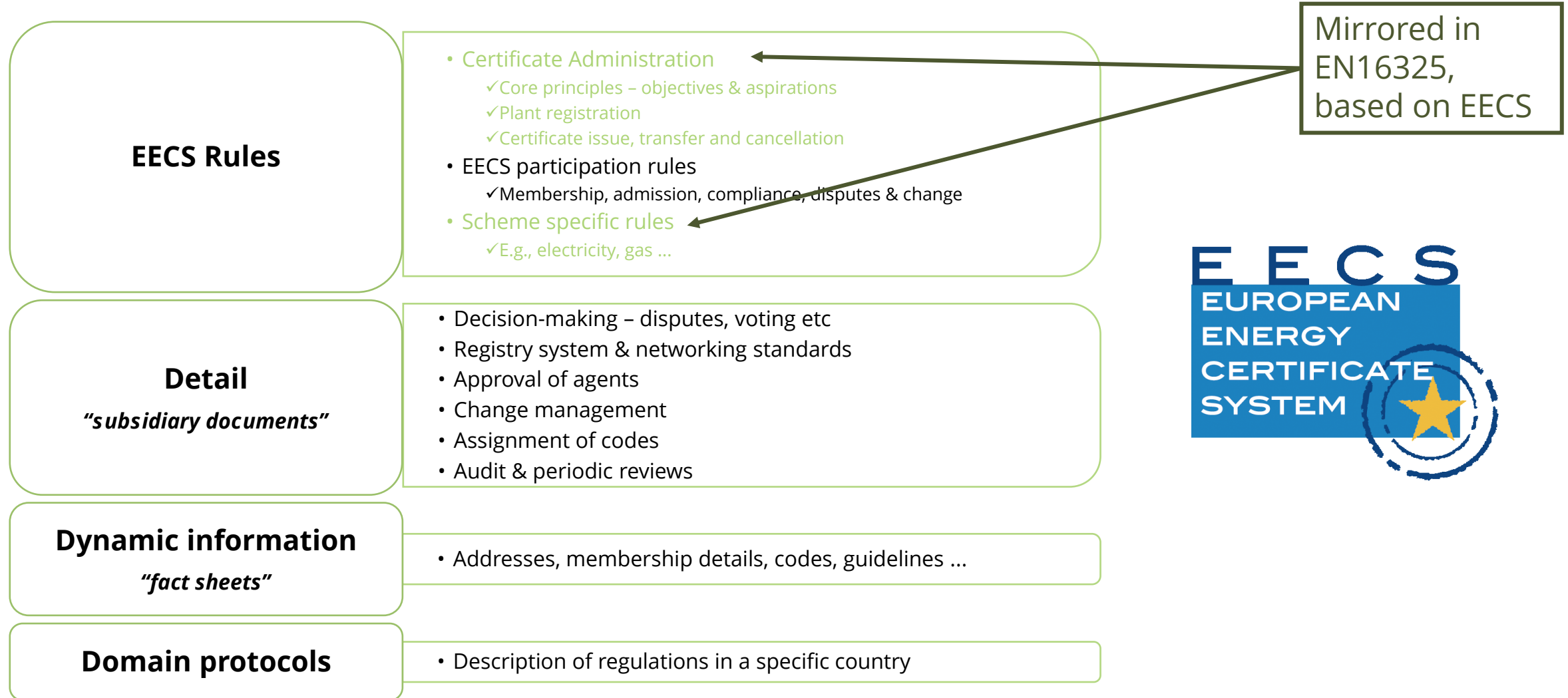
- Existing members
- Observer - Scheme co-developer status
- Forum for discussion and resolution of challenges
- EECS Gas Scheme: Chapter O of the EECS Rules (since nov 2019)

3. AIB Hub facilitates cross-registry transfer of gas certificates in Q3/Q4 2022.



The European Energy Certificate System (EECS)

Framework



The AIB HUB

Framework

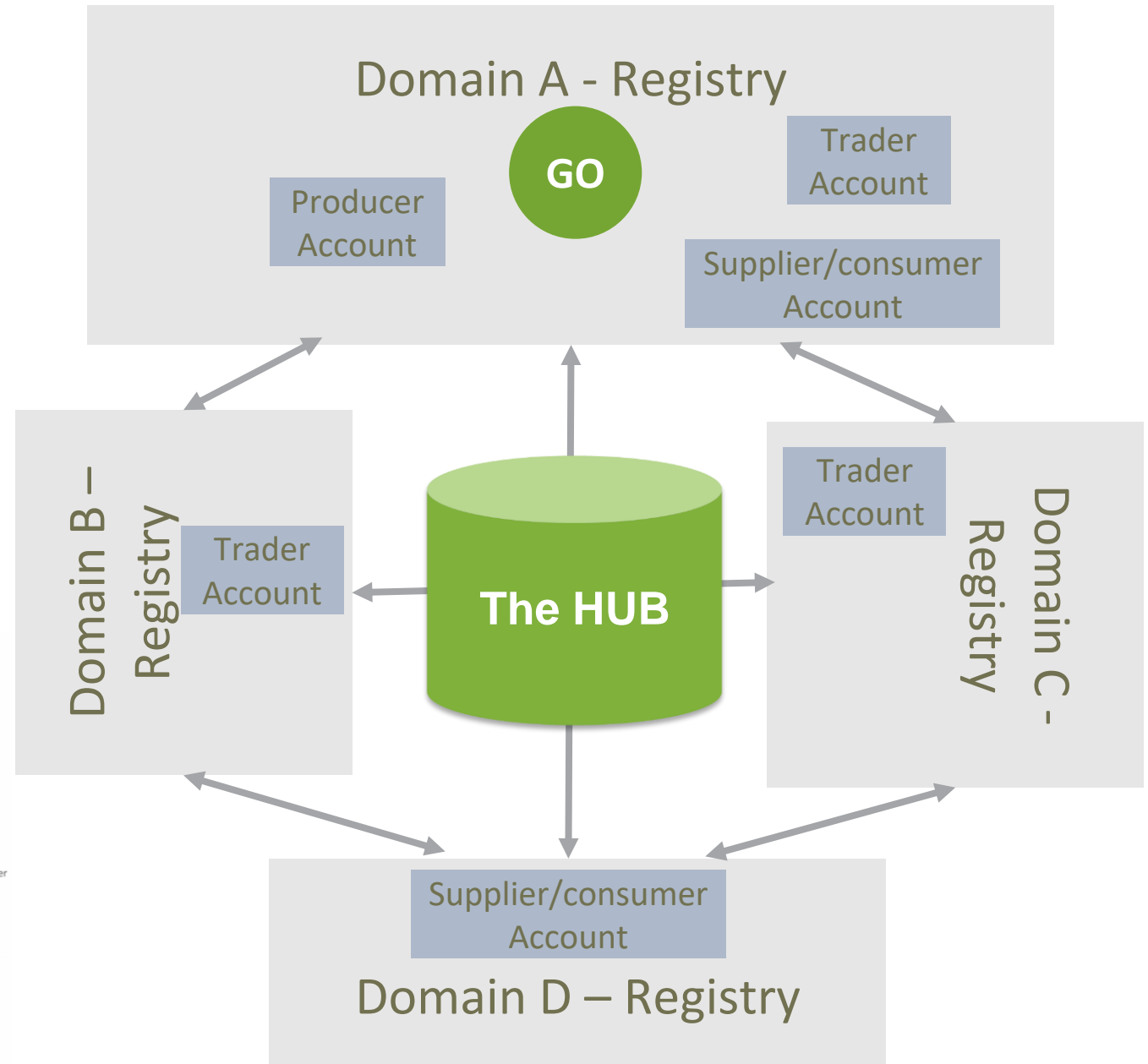
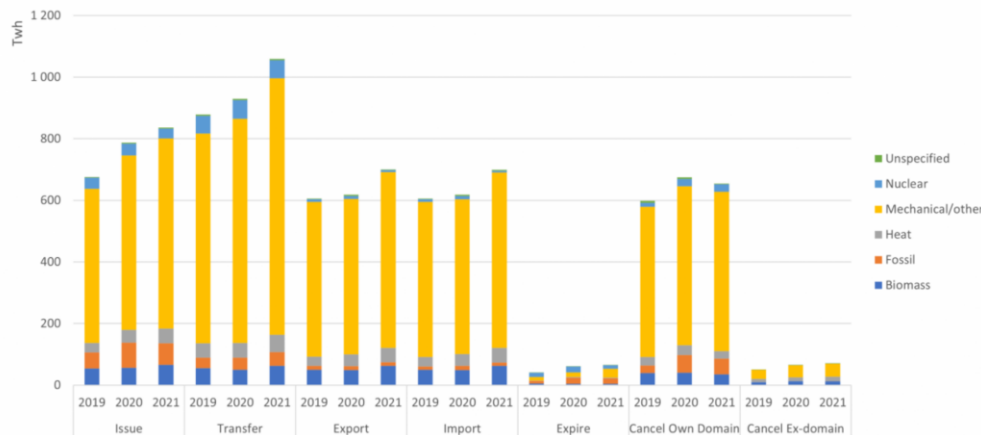
→ International transfers of electronic documents

- 2021: 700 million GOs cross border transfer
- 27 Domains

→ How

- Standardised
- Automated
- Jointly operated

GO transactions on annual basis, per energy source, structured by GO transaction period



Thank you



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