

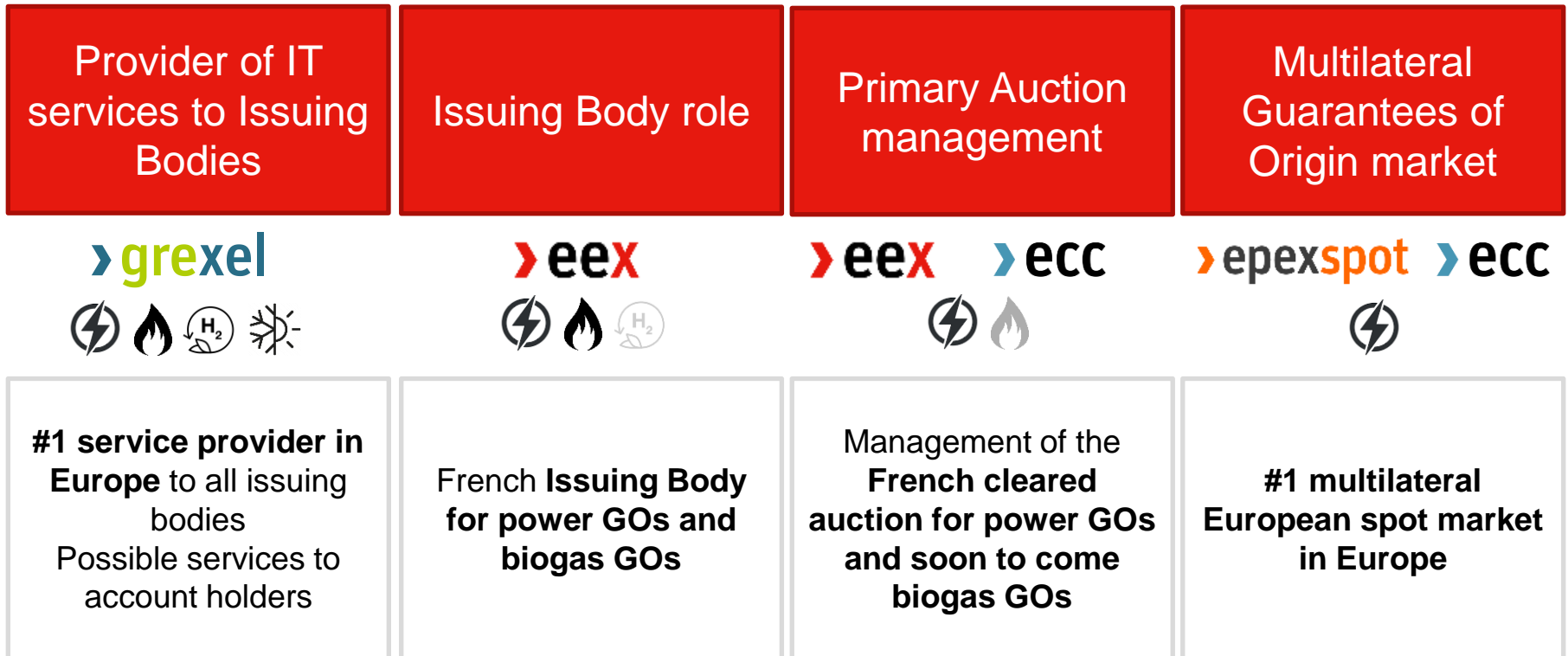
# **French Registry & Auction of Guarantees of Origin (GOs) : a glance at the wind power**

**Paris, 05 March 2024**

**Blaise FARROKHI – Senior Business Developer**

# EEX Group and the Guarantees of Origin

Supporting the community in the whole value chain



# Power Guarantees of origin

## Role of EEX as registry and auction operator

### Issuing Body in France since 2013

- Designated by the French Ministry of Energy (DG Energy and Climate) and renewed end of 2018 for 5 years
- Hold the registry for all type of GOs in France (issuance, transfer, cancellation of GOs)

### Member of the Association of Issuing Bodies (AIB) since 2013

- French GOs can be exported to AIB members domain and French account holders could import GO
- EEX takes part actively in the development of the mechanism at an European level
- GOs issued by EEX meet the EECS standard

### Improvement of the mechanism thank to a close collaboration with the French Ministry of Energy

- GO: the only instrument to trace electricity from renewable energies
- Implementation of the residual mix to better inform customer and avoid green attributes double counting
- More control on GOs issuance, transfer & cancellation

### Mandated by the French State to organize the Guarantees of Origin auction

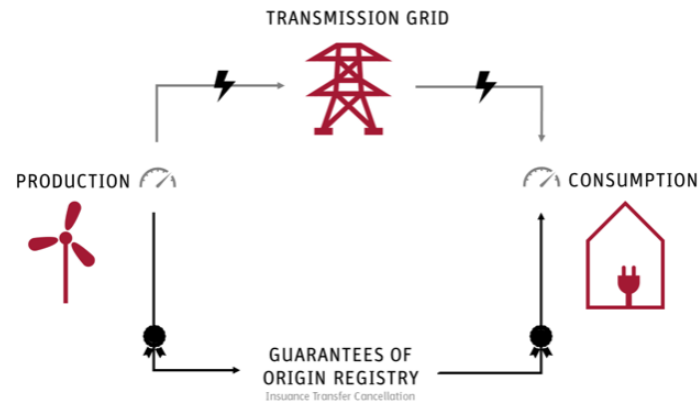
- Auction of GOs issued and selected by the French State (GO from subsidized production devices)
- EEX is organizing auctions since September 2019

# Guarantees of Origin mechanism and registry

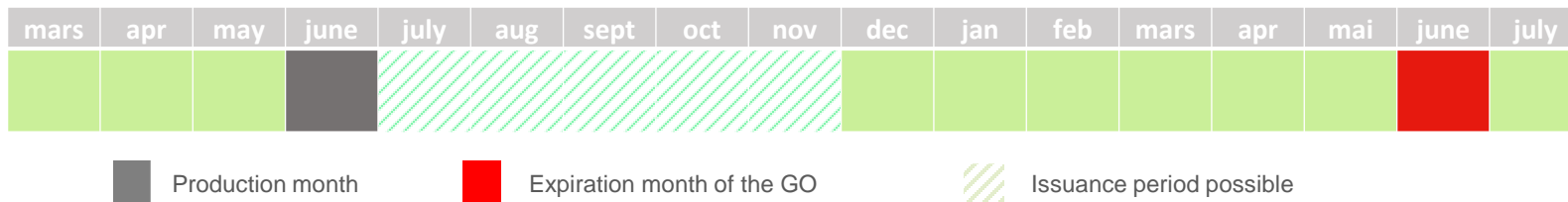
## Lifecycle of Guarantees of Origin

Membership of the registry is required in order to issue or use Guarantees of Origin

1. **Production period:** month and year when electricity was produced
2. **Issuance:** Guarantees of origin creation referring to production period
3. **Transfer:** delivery process of GO from one party to another
4. **Import – Export:** GO can originate from another country
5. **Cancellation:** use of the GO certificate



### Guarantees of origin lifecycle



The month of production and the month of consumption must always coincide. A supplier issuing a green offer to its customer for June 2022 must cover its customer's consumption with June 2022 GOs (which it can issue until November 2022 and cancel until June 2023).

# 2023 : Key numbers on the French registry (1/2)

Continuous growth on the activity

**41** TWh of **110** TWh

Issued and certified Guarantees of Origin  
in France in 2023 from wind power

**+ 16 %**

Growth of cancellation in France  
between 2022 and 2023 (68 TWh  
vs 79TWh)

**200** TWh

Traded on the EEX French GO  
Registry (with 46,7 TWh from  
Auctions)

**43**

auction participants  
From 13 countries

# 2023 : Key numbers on the French registry (2/2)

## Focus on the wind technology

**2000**

Production devices registered with **70%**  
**under support**

**32%**

of the GOs cancelled for the final  
consumer (25 TWh)

**64%**

Of the volume sold at the auction  
(30 TWh)

**171M€** of the **260M€** of the  
french auction comes from the  
wind power GOs

# French Auction characteristics

## Biggest auction in the AIB

1

GOs from renewable production devices that receive support, classified according to 12 regions and 5 technologies (hydro, solar, wind onshore, thermal, marine energies)

2

Monthly Auction dedicated to one production month (important as mandatory matching between consumption month and production month in France since January 2021)

3

Production of M-3 is auctioned in Month M (GO validity = 12 months)

4

A single seller, the French State  
Multiple buyers

5

Pay-as-Bid Auction

6

In-house algorithm that enables to bundle liquidity while allowing specificities matching:  
- bids on all technologies / all regions, specific regions, specific technologies or a specific couple technology/region  
- Possible to indicate preferences for specific production devices

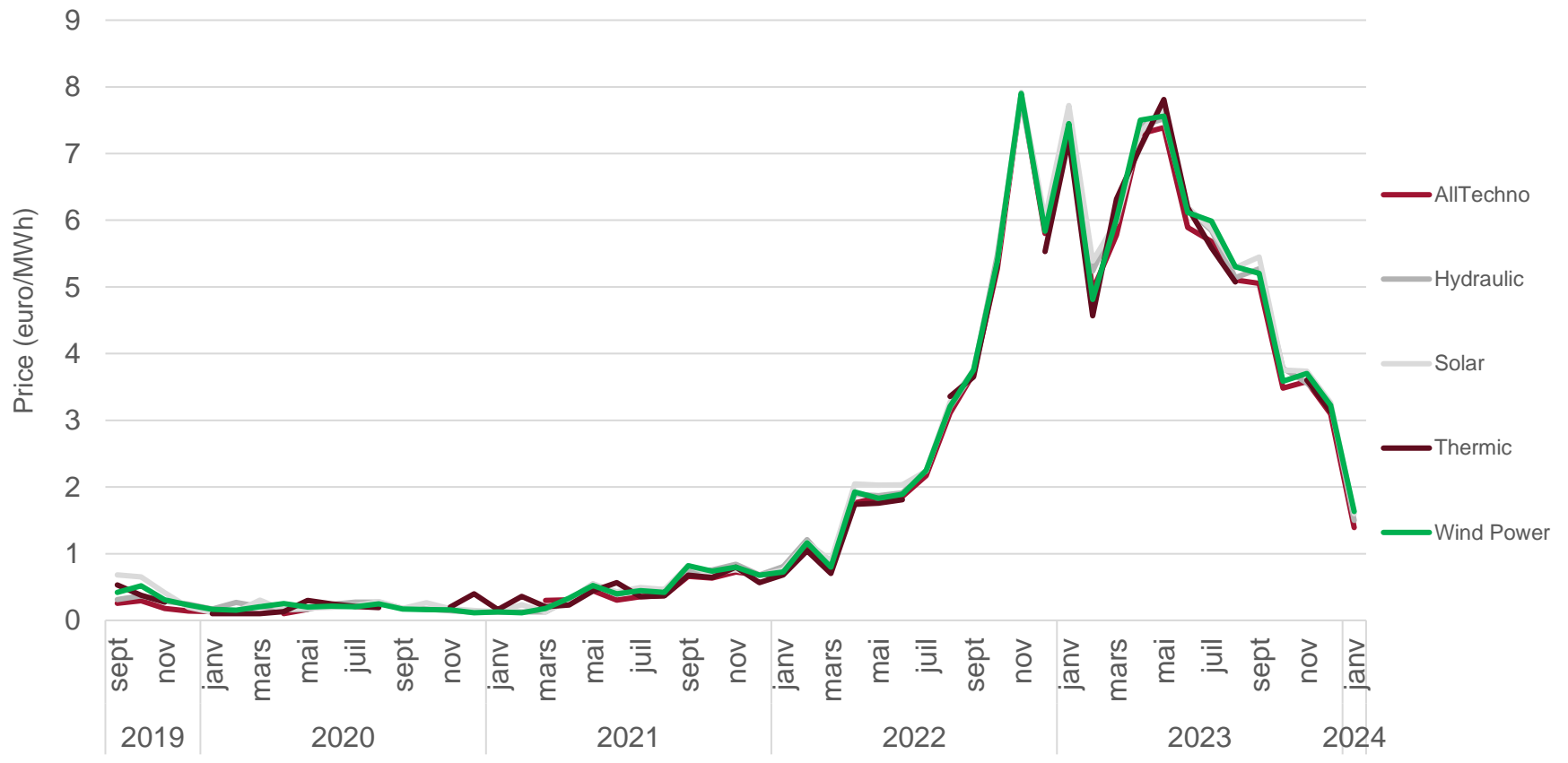
7

Securization of transactions with a clearing house (ECC) with or without clearing member

# French Auction results since 2019

Biggest auction in the AIB with rising volatility

### French power GO Auction prices (in euro / MWh)





# Key take aways on the French registry

## The wind power, a valuable asset for GOs

1

Wind power GOs represent the **biggest volume** available at the **auction** and the **second most cancelled** on the French registry

2

Wind power GOs presents **no price differentiation/premium** compares to the other technologies

3

Possibility to **source** wind power GOs at the French auction and **sell** on the **Multilateral** Guarantees of Origin **market** operated by **EPEX SPOT**



**Thank you !**

**> eex**

part of eex group