Target Workshop for the Set-Up of Registries and Integration into the European Network

Brussels, 29 March 2022

ERGaR Schemes for Cross-Border Trade of Renewable Gases

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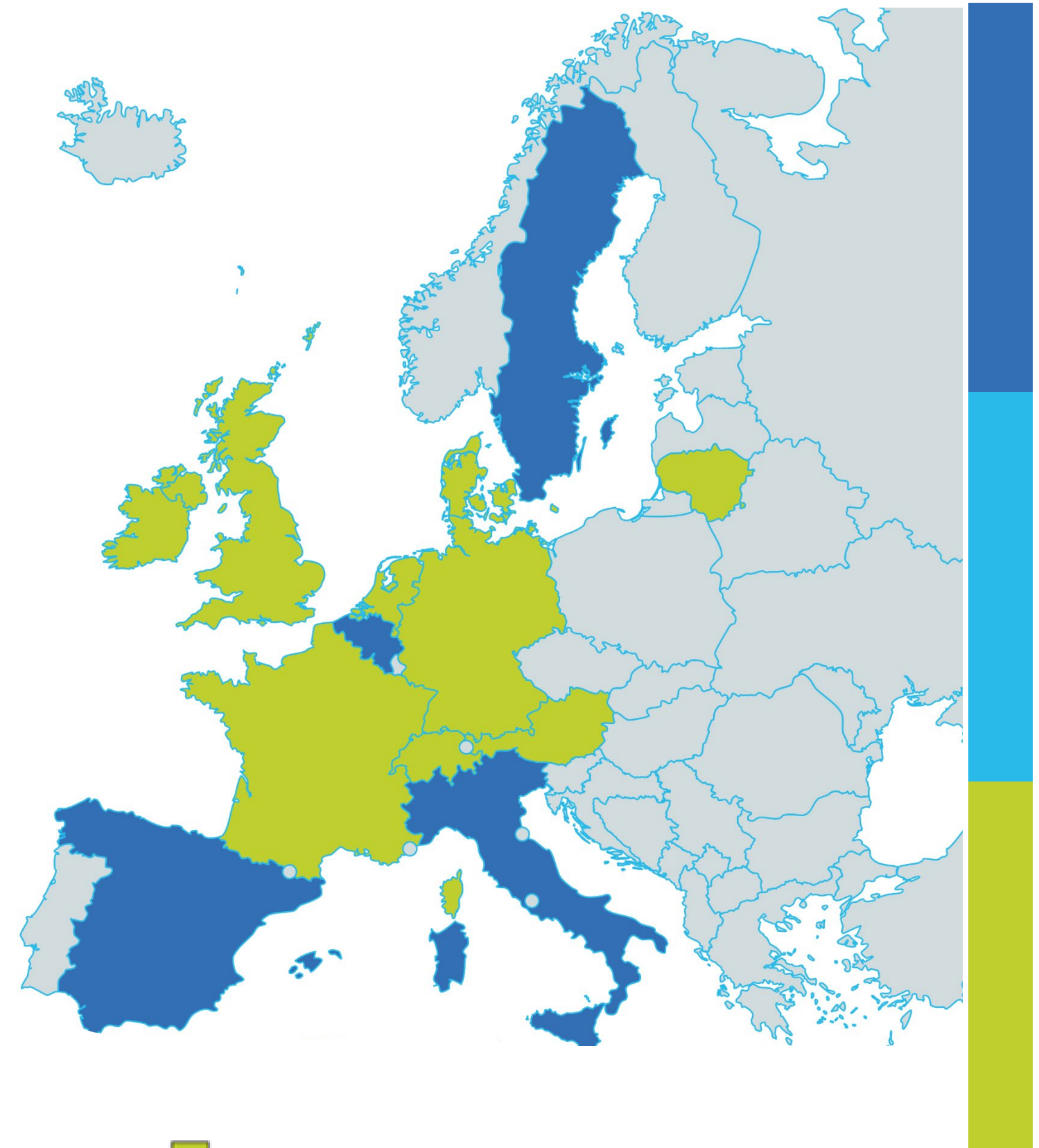European Renewable Gas Registry

I. About ERGaR

About ERGaR

International non-profit, non-governmental organisation (BE law) established in September 2016

Founded by established biomethane registries

ERGaR provides a **forum for the collaboration of renewable gas registries and market participants in Europe**

32 ERGaR members in 13 European Countries

- Established biomethane / renewable gas registries, appointed issuing bodies

- Traders

- Gas DSOs & TSOs

- Biogas associations

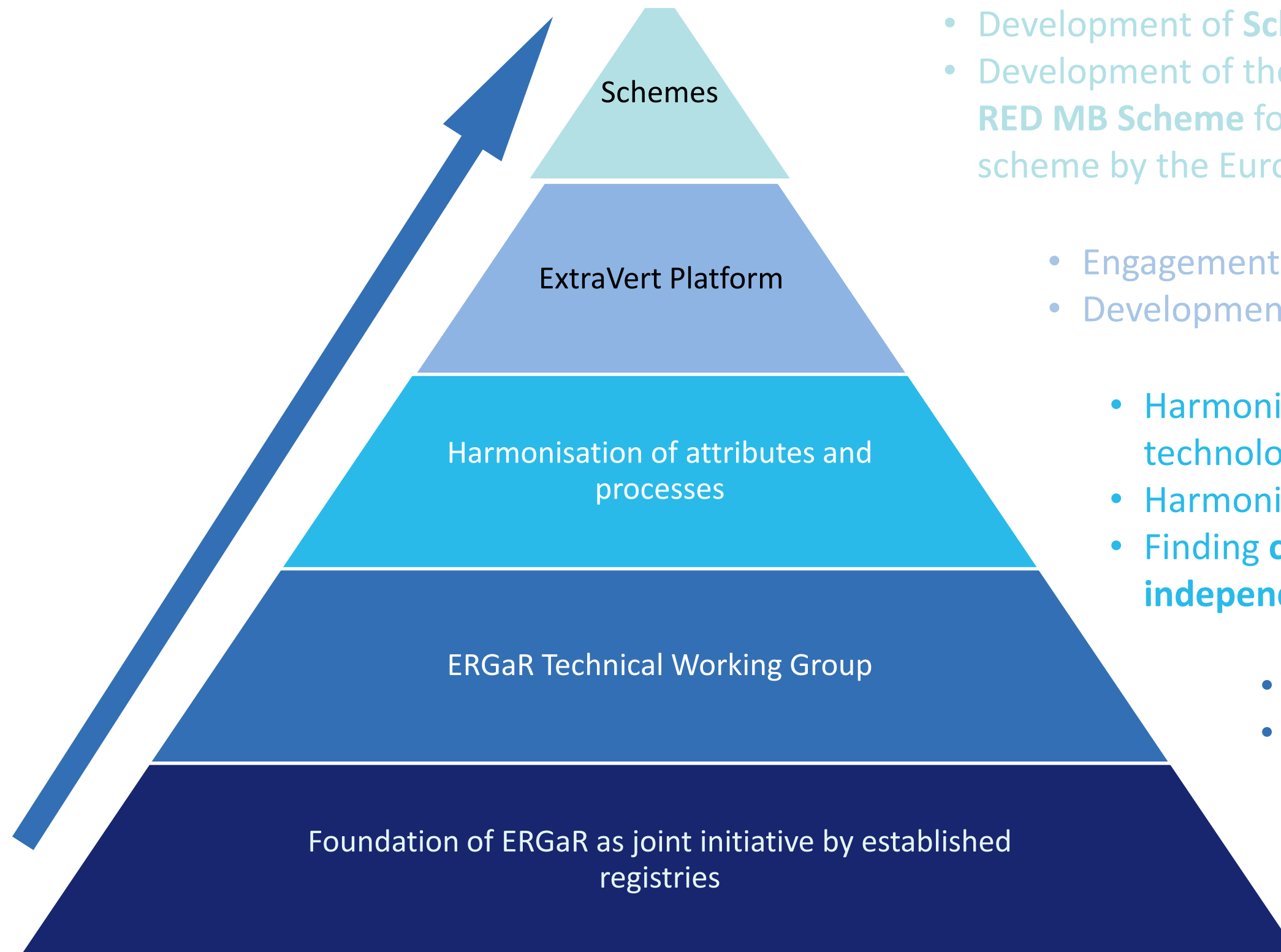- Other major stakeholders of the European biomethane market

ERGaR Member & National Registry

ERGaR Member (No Registry)

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II. ERGaR Schemes

Built on Teamwork & Bottom-Up Approaches

Schemes

ExtraVert Platform

Harmonisation of attributes and processes

ERGaR Technical Working Group

Foundation of ERGaR as joint initiative by established registries

- Development of **Scheme Rules** for the **ERGaR CoO Scheme**
- Development of the Documentation Package for the **ERGaR RED MB Scheme** for recognition process to become voluntary scheme by the European Commission

- Engagement of **Vertogas B.V. as IT-provider**
- Development of the **ExtraVert Platform** as IT-system

- Harmonisation of attributes (list, specification), technology codes, biomass codes
- Harmonisation of business processes
- Finding **common denominator** for countries, **independent of level of advancement**

- Collaboration Tech WG
- **Understanding each other's systems**

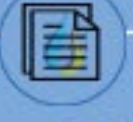- Building on knowledge, expertise and resources of **established registries**

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ERGaR Schemes

	ERGaR CoO Scheme		ERGaR RED MB Scheme	
APPLICATION PURPOSE	Consumer disclosure	Initiatives by Market & Society	Target compliance transport sector	
BACKGROUND	Art 19 RED II	Market and Scheme Rules	Sustainability & Mass Balance Art 25-31 RED II	
COMPETENT AUTHORITY	Issuing Bodies by Government Mandate	Registries	Voluntary Scheme recognised by EC	Registries via ERGaR RED MB Scheme
Rules and Standards	CEN-EN 16325	ERGaR CoO Scheme	E.g.: ISCC, REDCert, NTA 8080	ERGaR RED MB Scheme
DOCUMENT TYPE	GoO Guarantee of Origin	CoO Certificate of Origin	PoS Proof of Sustainability	ERGaR PoO Proof of Origin
STATUS	under development		under recognition by the European Commission as voluntary scheme	

ERGaR Schemes II

	ERGaR CoO Scheme	ERGaR RED MB Scheme
Gas Category	Biomethane Hydrogen (on request and update of scheme rules)	Biomethane
Source of Energy	Biomass RFNBO and RCF (under consideration)	Biomass
Means of Transport	European gas grid isolated gas grids	European gas grid
Geographical Scope	Countries that are connected to the Natural Gas Network as defined in Art. 2.3 2009/73/EC	EU, EFTA
Supply Chain	European natural gas transmission and distribution systems	European natural gas transmission and distribution systems

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III. ERGaR CoO Scheme

Introduction

Scheme Operator
- The Operator of the Scheme is ERGaR aisbl.

ExtraVert Platform
- central, stand-alone IT-system enabling European certificate exchanges.
- IT-provider: development, operation and maintenance by Vertogas B.V. under the authority of ERGaR aisbl

Admission process
- There is no precondition that the National Registry must be an ERGaR member.
- Any registry who wishes to become System Participant has to successfully undergo the admission process, including
  - successful assessment of application forms,
  - successful completion of interface tests,
  - successful vote by the ERGaR Executive Board.

Introduction

Certificate of Origin (CoO)
- Electronic document recording information about injected biomethane into the Natural Gas Network
- Can be used by gas consumer to demonstrate use of a biomethane consignment
  - Biomethane consignment described in the CoO can be set against an energy amount of gas that the consumer has withdrawn from the Natural Gas Network
- CoOs follow the approach detailed in Article 15 of Directive (EU) 2009/28 on the promotion of the use of energy from renewable sources
  - Includes amendments as per Directive (EU) 2015/1513 ("RED I") and Article 19 of Directive (EU) 2018/2001 ("RED II").
  - An adaptation to the revised CEN Standard 16325 is planned

Proof of Sustainability (PoS)
PoS can be incorporated as attribute and attached to the transfer.

Biomass codes
- Different biomass coding schemes are supported by the ERGaR Scheme.

Mass Balancing
- Possible, detailed rules currently being prepared by ERGaR

ERGaR CoO Scheme

System Participants:

- AGCS (AT)
- Dena (DE)
- GGCS (UK)
- Vertogas (NL)

In the process of joining the CoO Scheme:
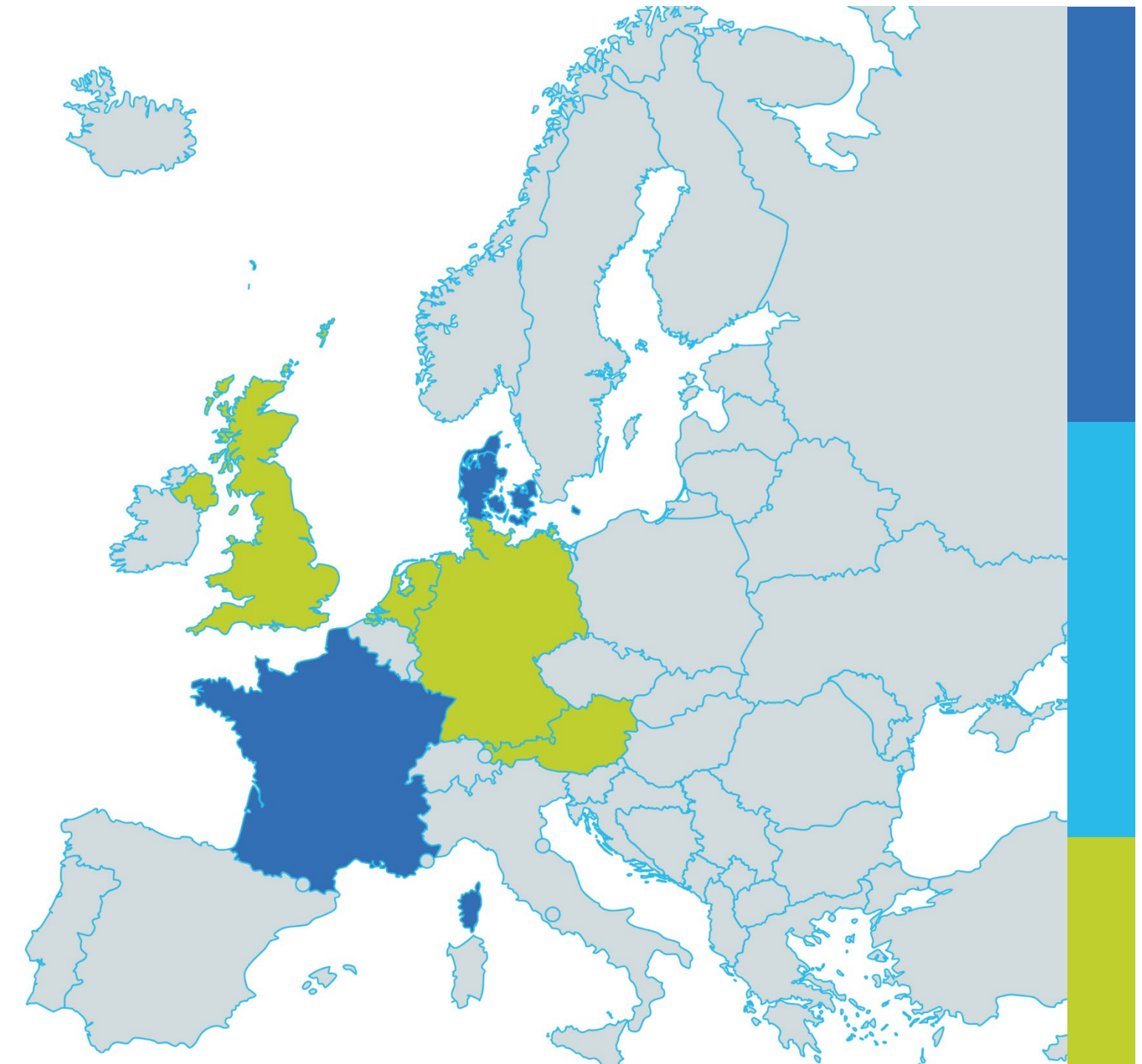
- Energinet (DK)
- GRdF (FR)

→ 2021:
  → 13 transfers with total amount of 29,813 MWh
→ 2022:
  → Until 22 February 2022, already more than 250 GWh traded
  → UK –> DE and NL--> UK and NL --> DE and AT --> DE
→ **The 6 registries represent more than 2/3 of European grid-connected biomethane production capacity**

System Participants
In the Process of Joining

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Thank You!

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