

Target Workshop for the set-up of registries and integration into the European network

Vilnius, 19 – 20 October 2021

ERGaR Schemes for cross-border biomethane trade
and the role of the network of the registries

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I. About ERGaR

About ERGaR

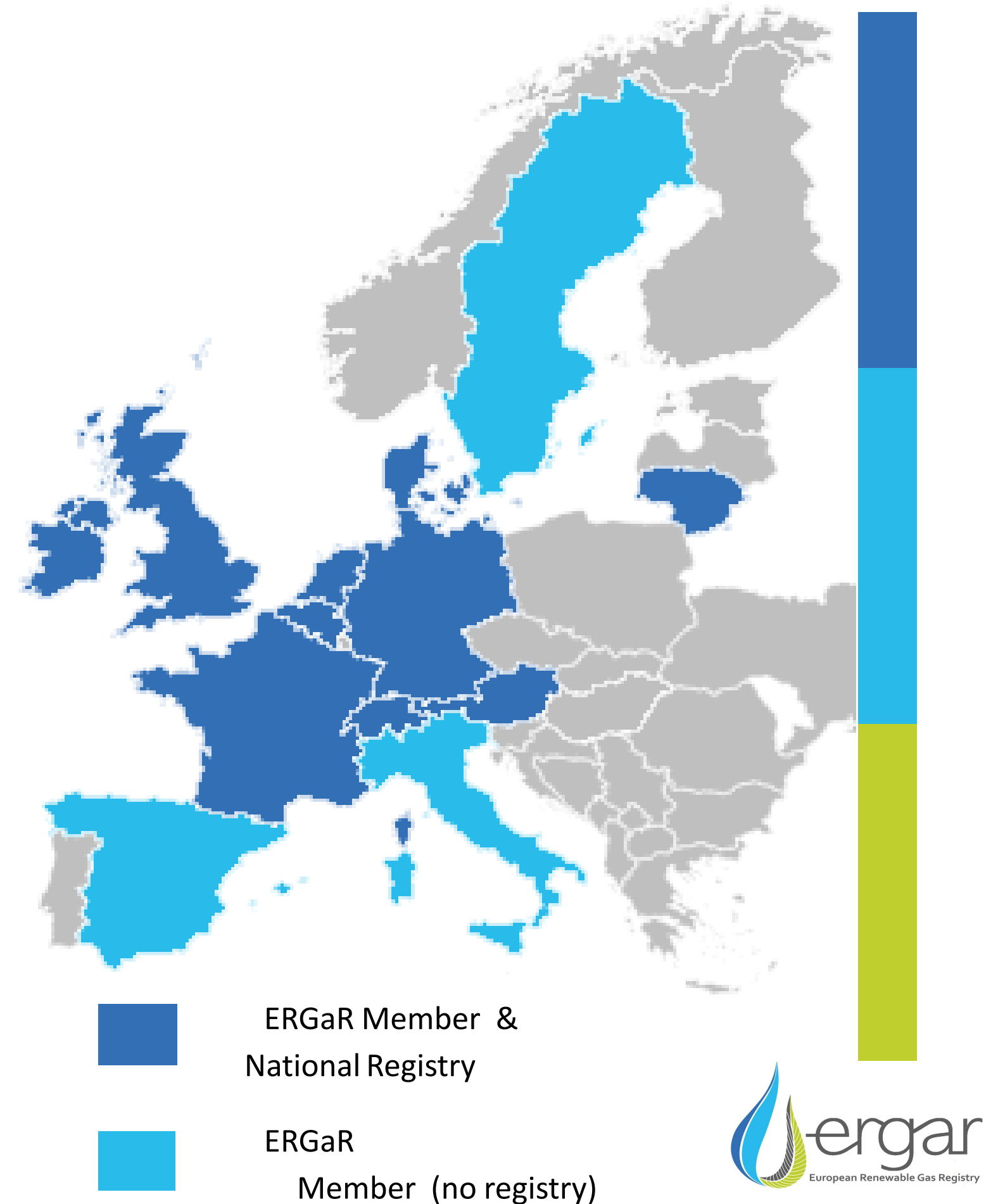
International non-profit, non-governmental organisation (BE law)
established in September 2016

Founded by established biomethane registries

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

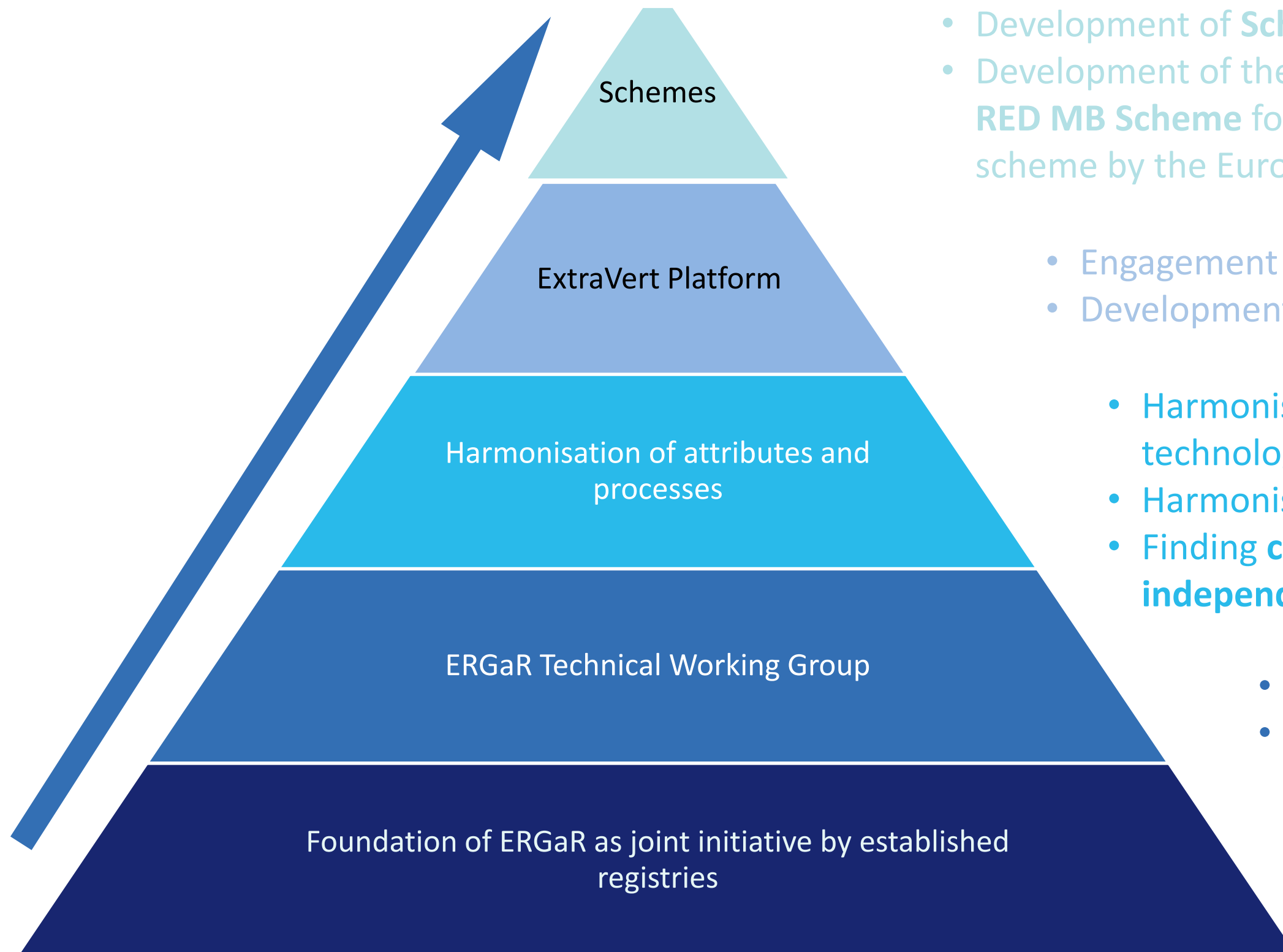
31 ERGaR members in 13 European Countries

- Established biomethane / renewable gas registries, appointed issuing bodies
- Traders, gas DSOs & TSOs, biogas associations and other major stakeholders of the European biomethane market



II. ERGaR Schemes

Built on Teamwork & Bottom-Up Approaches



- 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







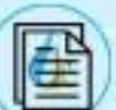

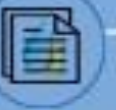
- Engagement of **Vertogas B.V.** as IT-provider
- Development of the **ExtraVert Platform** as IT-system

- 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**

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 (August 2021)	Launched in June 2021		Under recognition by the European Commission as voluntary scheme	

ERGaR Schemes II

Gas Category
Source of Energy
Means of Transport
Geographical Scope
Supply Chain

ERGaR CoO Scheme
Biomethane Hydrogen (on request and update of scheme rules)
Biomass RFNBO and RCF (under consideration)
European gas grid isolated gas grids
Countries that are connected to the Natural Gas Network as defined in Art. 2.3 2009/73/EC
European natural gas transmission and distribution systems

ERGaR RED MB Scheme
Biomethane
Biomass
European gas grid
EU, EFTA
European natural gas transmission and distribution systems



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)

- An electronic document that records information about biomethane that has been injected into the Natural Gas Network.
- A CoO can be used by a gas consumer to demonstrate their use of a biomethane consignment, in that the 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, including amendments as per Directive (EU) 2015/1513 (“RED I”) and Article 19 of Directive (EU) 2018/2001 (“RED II”).

Proof of Sustainability (PoS)

PoS can be incorporated as attribute and attached to the transfer.

Biomass codes

- There is no Europe-wide harmonisation yet (CEN EN 16325 could provide remedy).
- Different biomass coding schemes are supported by the ERGaR Scheme.
- It remains in the responsibility of market participants (and their external auditors) to provide information on biomass codes in a format suitable/acceptable by the importing country (national regulations and systems) and importing end consumer.

Key Features

- Scheme gives registries ability to transfer the certificates as they are currently issued i.e. non standardised - RGGOs, GvO, Biomethane Certificates and GOs according to art 19 RED II.
- Traders will not interact with or be members of the scheme – that is the role of the registry.
- Traders can transfer CoO from any account held in a participating registry to any account in another participating registry (exclusions apply e.g. Vertogas temporarily limits imports).
- There is no standardisation of biomass information, but information which information can be transferred between System Participants.
- The scheme will be adapted to fit with the EN 16325 (under revision) standard in the future.
- Transfer times will be similar to the existing DENA/GGCS/AGCS/Energinet processes. As market and scheme develops, we will aim for more automation and faster processing times.

ERGaR CoO Scheme

System Participants:

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

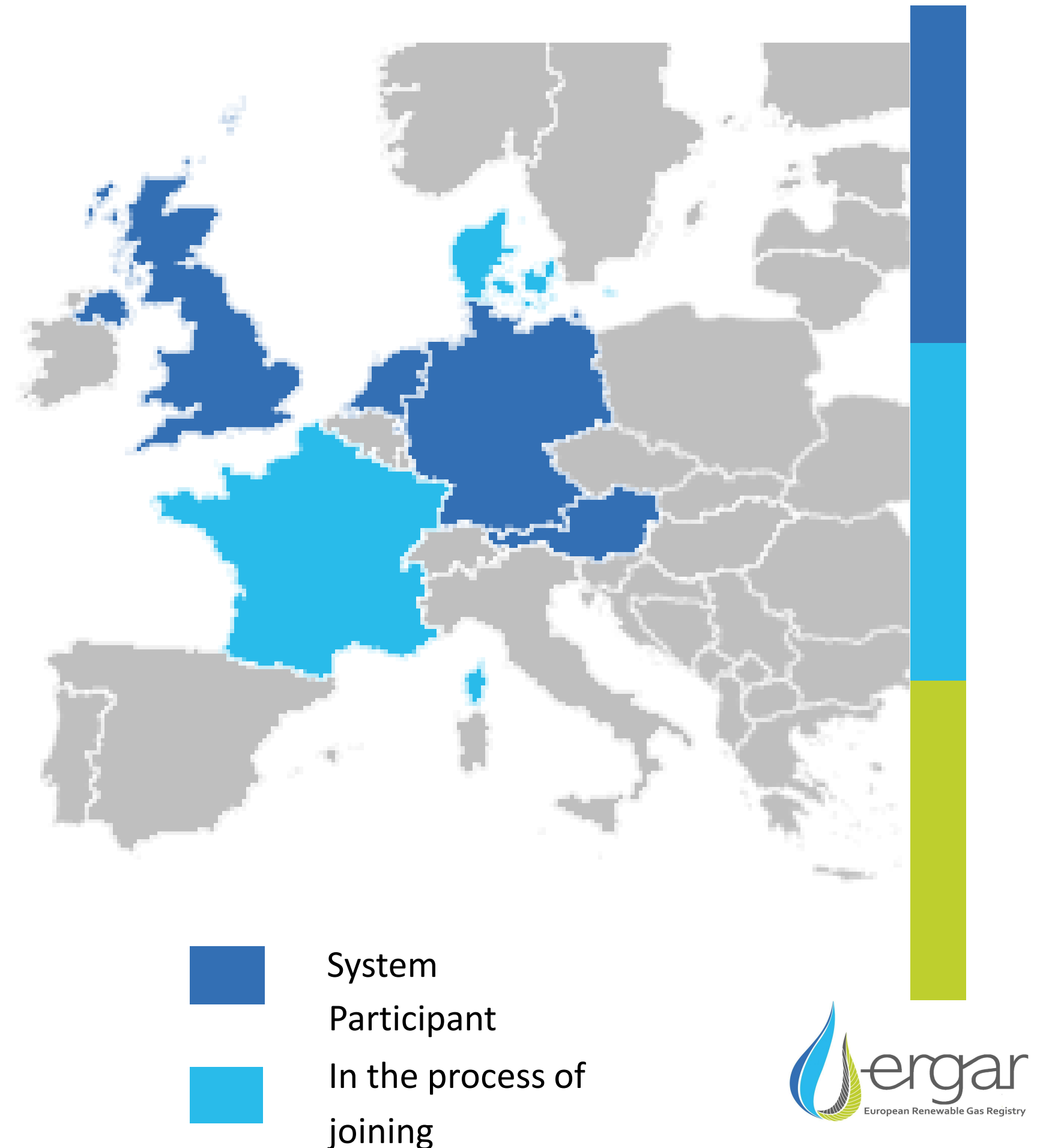
In the process of joining the CoO Scheme:

- Energinet (DK)
- GRdF (FR)

→ 2 transfers took place between NL and UK in Q3

→ **The 6 registries represent more than 2/3 of European grid-connected biomethane production capacity**

* Approved by ERGaR Board



Thank You!

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