

European Renewable Gas Registry

ERGaR aisbl

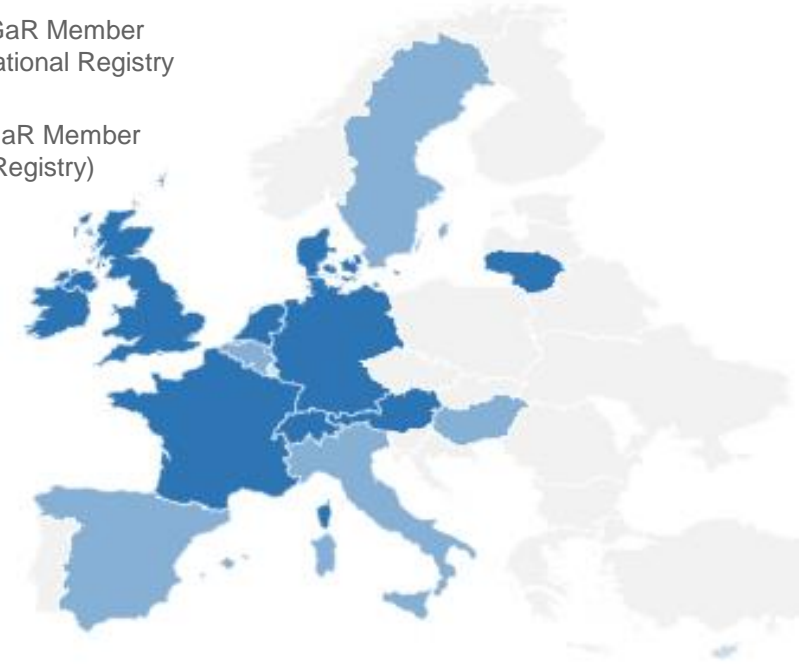
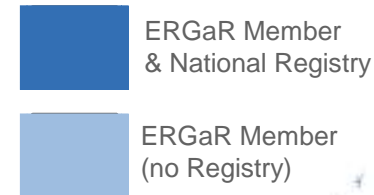


ERGaR – The association

- 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**

28 ERGaR members in 15 European Countries

- Established biomethane / renewable gas registries, appointed issuing bodies
- Gas DSOs & TSOs
- Biogas associations
- Traders
- Other major stakeholders of the European biomethane market



Full Members



Associated Members



Vision and mission

Vision

- Renewable gas certificates will be transferred across border in an **increasingly integrated European market along the natural gas network reaching all end customer segments.**

Mission

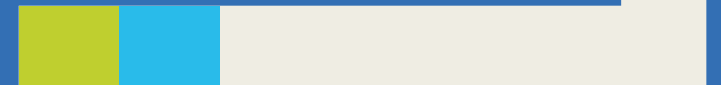
- **Building on national registries** to establish an **independent, transparent and trustworthy documentation scheme for cross border transfer and mass balancing of renewable gas** injected into the European natural gas network securing the exclusion of double sale and double counting.

Latest achievements

- Submission of ERGaR RED MB Voluntary scheme under RED II to the European Commission
- Status of ERGaR Certificate of Origin (CoO) Scheme and ExtraVert Platform to be launched soon
- Partner of the H2020 REGATRACE project (2019-2022)
- Contributor at the FaStGo project (2020)
- Liaison member for the revision of the European standard EN 16325 on guarantees of origin.
 - *Leader of the Gas project team*

MARKET

Status and development



European Framework

Major purposes and elements for demonstrating compliance with European Regulatory Framework for different renewable and recycled gas categories

Energy source of gas product						
Biogas / Biomethane		Renewable Fuels of Non-Biological Origin (RFNBO)		Recycled Carbon Fuels (RCF)		
Requirements for demonstrating compliance with						
Sustainability Sustainability criteria GHG emission saving thresholds		Renewable energy content Additionality of energy Temporal correlation Geographic correlation		Mass balancing		
Requirements and options for verification and documentation						
Certificates Proof of Sustainability (PoS) Guarantee of Origin (GO)		Entities for documentation Issuing bodies Mass balancing systems Union Database		Voluntary and National Schemes		European Schemes for cross-border transfers AIB CertifHy ERGaR
Purpose of gas certification						
RED II targets (union, transport, heating)	Disclosure renewable & low carbon energy carriers	EU-ETS (zero CO2-emissions for biomass)	Fuel Quality Directive	Taxonomy Regulation sustainable finance	Labelling	Others (e.g. national support schemes)

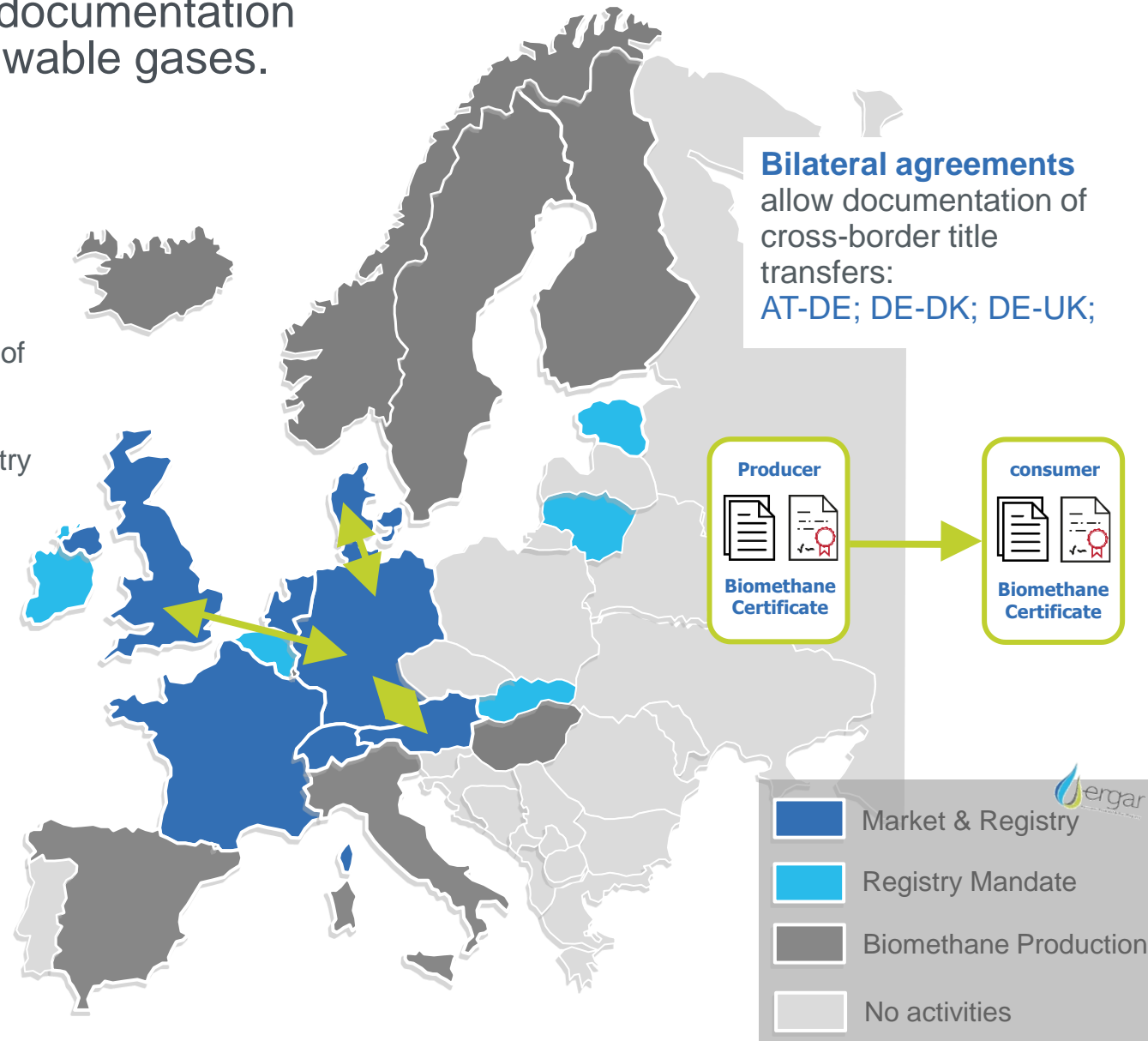
Source: REGATRACE D4.2 (2021)

Market Overview

National Registries as foundation for the documentation and settlement of the green value of renewable gases.

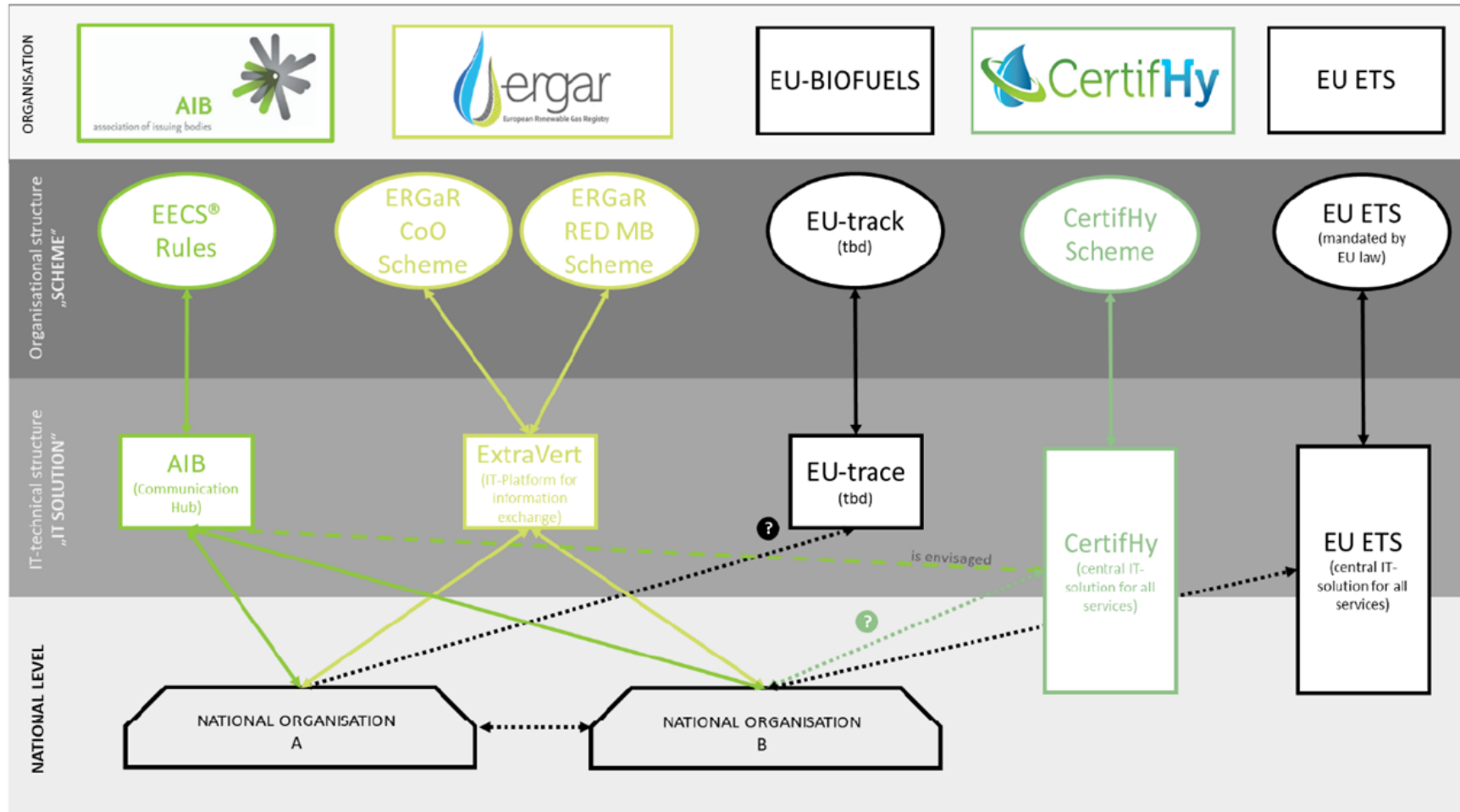
Collaboration via ERGaR

- Austria
 - AGCS Gas Clearing and Settlement AG as operator of Biomethane Registry Austria
- Switzerland
 - VSG Verein der Schweizerischen Gasindustrie as operator of clearing agency for biomethane
- Germany
 - Dena German Energy Agency as operator of Biogas Registry
- Denmark
 - Energinet as operator of Biomethane Registry
 - Governmental mandate as IB
- France
 - GRDF as operator of Biomethane Registry
 - Governmental mandate as IB
- Ireland
 - GNI as operator of Biomethane Registry
 - Governmental mandate as IB
 - GNI supported by ERGaR member RGFI
- Lithuania
 - Amber Grid as operator of Biomethane Registry
 - Governmental mandate as IB
- Netherlands
 - Vertogas (Green Gas Registry)
 - Governmental mandate as IB



Overview of European Schemes

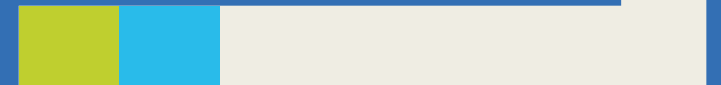
European schemes for cross-border certificate transfer under development and in operation (adapted from REGATRACE D2.4)



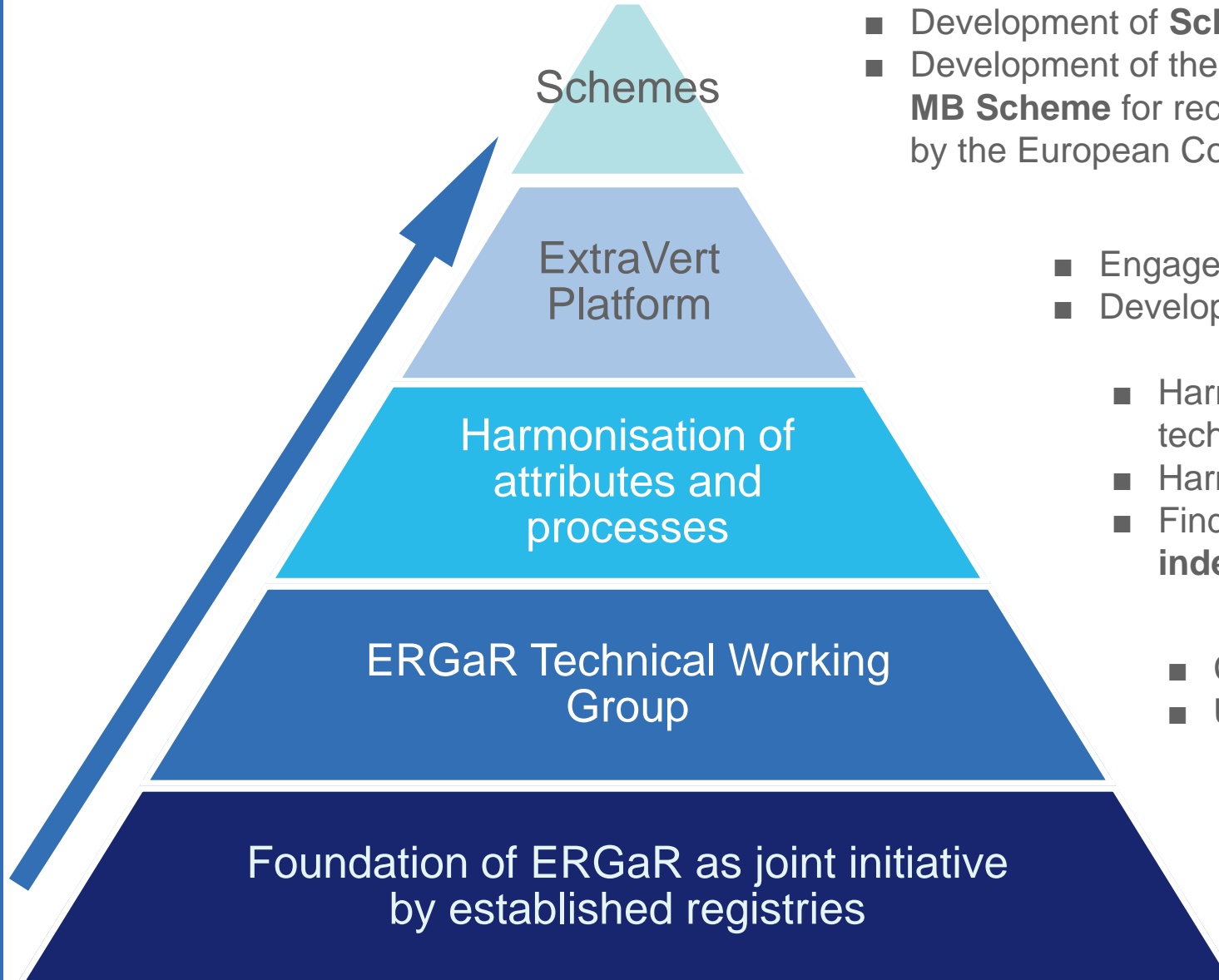
Source: REGATRACE D4.2 (2021)

SCOPE OF ERGAR SCHEMES

ERGaR CoO Scheme
ERGaR RED MB Scheme



ERGaR: team work and 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: Overview

	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 (Feb 2021)	preparation for launch		under recognition by the European Commission as voluntary scheme	

ERGaR Schemes: Overview

	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

THANK YOU !

CONTACT US!

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