



REGATTRACE

Renewable Gas Trade Centre in Europe

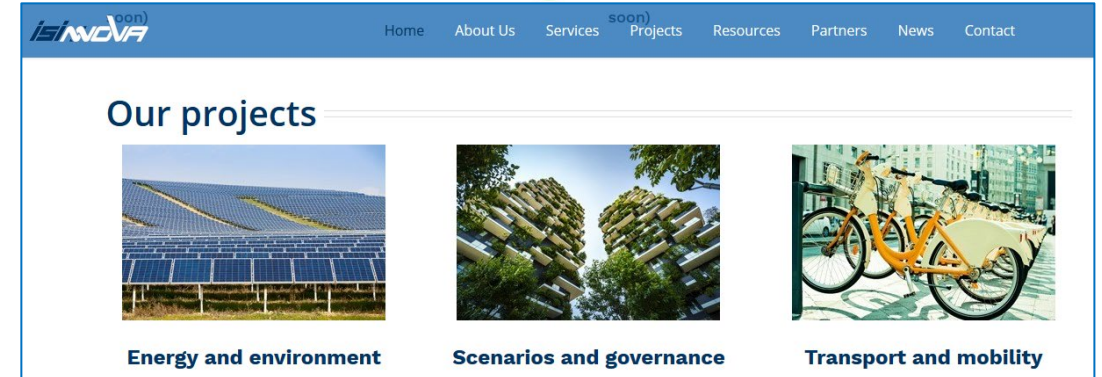
The REGATTRACE project

Stefano Proietti,
ISINNOVA
Brussels,
29 March 2022



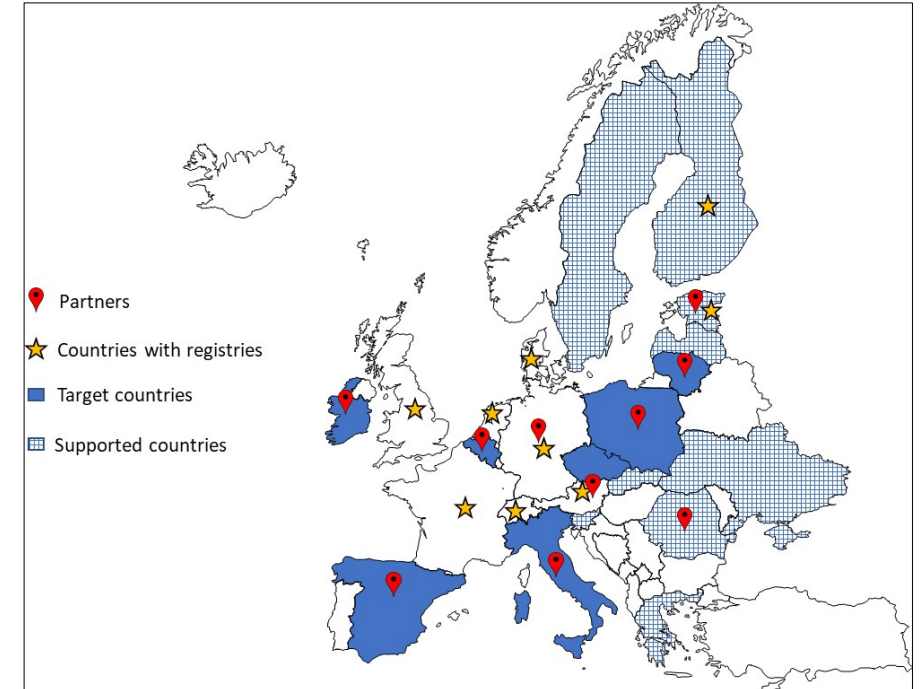
Who we are

- Research and consultant Institute founded in 1971
- Consolidated experience in **energy efficiency**, **sustainable mobility**, **territorial systems**, **environmental sustainability**
- **15** members staff with **multidisciplinary background** in engineering, statistics, economics, politics and informatics
- Long story of collaboration at **national** (Ministries, Regions, Provinces and Municipalities) and **international** level (European Commission, World Bank, European Bank of Investments, foreigner Ministries, Regions e Municipalities, etc.)
- Specialised skills in **coordination** of projects, **analysis** of and support to policies, **impact assessment**, **evaluation** of policies and technologies energy efficiency, **monitoring** of participation processes to policies.
- www.isinnova.org



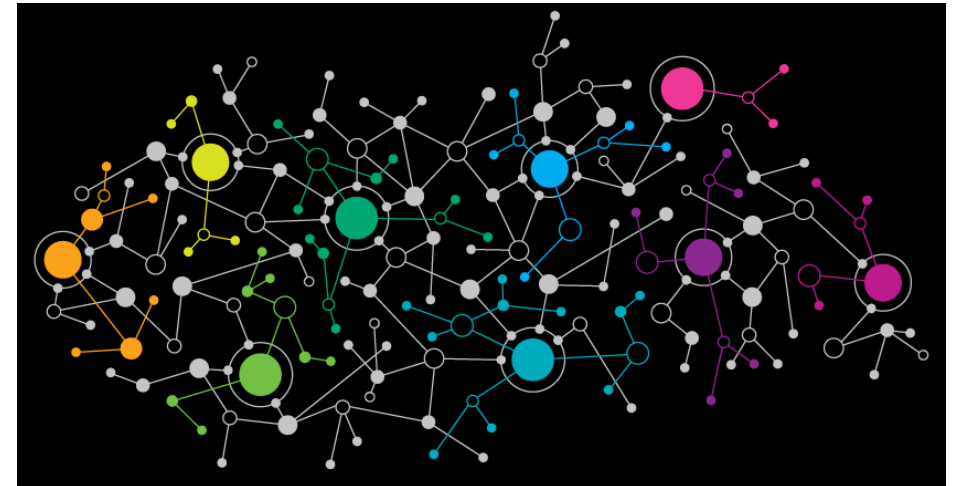
Project Summary

- REGATRACE: REnewable GAs TRAdE Centre in Europe (HORIZON 2020);
- 42 months (June 2019- November 2022);
- 16 partners in 11 countries: ISINNOVA, CIB (IT), EBA, AIB, ERGaR, Fluxys (BE), RFGI (IE), DENA, DBFZ (DE), AGCS (AT), Elering (EE), UPEBI (PL), ARBIO (RO), NEDGIA (ES), Amber (LT), CzBA (CZ), ARBIO (RO)
- 10 EBA Linked Third Parties + 5 ERGaR Linked Third Parties
- 3.000.485,00 € of EC funding (100%);
- The aim is to create an efficient system based on issuing and trading **biomethane/renewable gases certificates** (including GoO and PoS) and to support **market development** (with several guidelines, participatory workshops, etc.);
- **Activities:**
 - ✓ European biomethane/renewable gases GoO and certification system
 - ✓ Set-up of national GoO issuing bodies
 - ✓ Integration of GoO from different renewable gas technologies with electric and hydrogen GoO systems
 - ✓ Integrated assessment and sustainable feedstock mobilisation strategies
 - ✓ Support for biomethane market uptake
 - ✓ Transferability of results beyond the project countries
 - ✓ Dissemination & Communication.



European biomethane/renewable gases GoO and certification system

- Establish the **network** of the national issuing bodies
- Establish **communication interfaces** between the hub and the participating national GoO issuing bodies
- Establish **communication dashboard** for system users
- Definition of **tender procedure** for the supply of hub and trading platform IT-services



Set-up of national GoO issuing bodies

- **Guidelines** for establishing national biomethane registries
- Set-up of national/regional biomethane **registries** in the target countries (**7 ones**).



Integration of GoO from different renewable gas technologies with electric and hydrogen GoO systems

- Analysis of GoO from **different renewable gas technologies** and development of verification standards
- **Comparison** of the ERGaR system for biomethane/renewable gas GoO and the AIB system for electricity GoO
- **Coordination** between the electricity and the biomethane/renewable gas and hydrogen certification (GoO) systems



Integrated assessment and sustainable feedstock mobilisation strategies

- Assessment of **quantitative potential** of promising and competitive production capacities for renewable gases in the different countries of the project
- Mobilisation of waste and residue streams and identification of **hot-spot regions**
- **Guidelines** on renewable gas sustainability certification



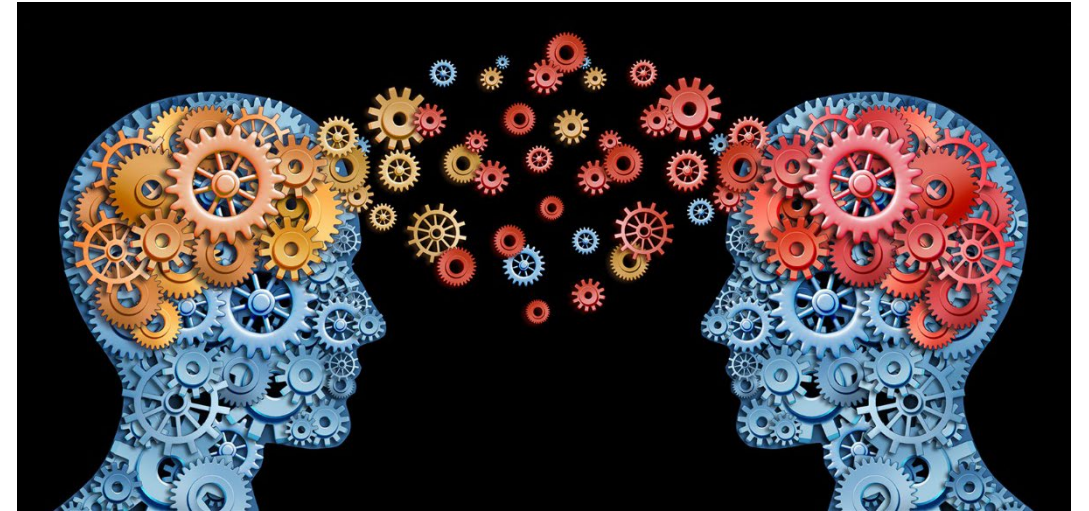
Support for biomethane market uptake

- **Mapping** on the state of play of renewable gases market in Europe (**23 countries**)
- National **strategic visions and roadmaps** (with 4 participatory workshops in **14 countries**)
- **Guidance** for feasibility analysis (also applied in 6 countries, i.e., BE, CZ, ES, IE, IT, and PL) and **guidebook** on securing financing for biomethane investments



Transferability of results beyond the project's countries

- Proper exploitation and transferability of project results through the organisation of **five** workshops in non-partner countries (in **CY, HU, NO, PT, and RS**).
- These workshops represent, through the involvement of the main local/national stakeholders, the opportunity to consolidate and exchange the concepts and outputs developed by the project (e.g., on registries, GoO, REGATRACE trading system, Power-to-Methane sustainability etc.), with the aim to trigger a **replication effect** outside it.



What done so far

- **Guidelines** for the European Biomethane GoO and to set-up national biomethane registries
- **Mapping** on the state of play of renewable gases market in Europe
- **MoU** among national issuing bodies to set-up the network of issuing bodies
- **Guidelines** for tender process of IT-services
- **Investigative study** of IT system options for harmonized European cross border title-transfer of biomethane/renewable gas certificates
- **Guidelines** for the verification of cross-sectoral concepts
- **Harmonised** set of rules for the **conversion** of electricity into biomethane/renewable gas and hydrogen GOs
- **Guidebook** on securing financing for biomethane investments
- **National strategic visions and roadmaps**



Support for national strategic visions and roadmaps

- Shared **strategic visions and roadmaps** in “target” countries (BE, ES, IE, IT, LT, PL and CZ) and in “supported” ones (RO, EL, EE, FI, LV, UA and SI)
- **Participatory process** with 4 “operational” workshops in each country (involving several national stakeholders):
 - The **first one** to present the REGATRACE project and the mapping to fill eventual gaps and to collect inputs for the elaboration of the long-term strategic vision;
 - The **second one** to present the draft strategic long-term vision to discuss and to consolidate it through inputs from stakeholders and to collect ideas and inputs to elaborate the national roadmap;
 - The **third one** to present and consolidate a national roadmap, with a list of concrete actions and to present the draft guidance for feasibility analysis;
 - The **fourth one** to present the final country tailored guidance for feasibility analysis.





Agenda of the workshop



Time	Topic	Moderator
08:30 -09:00	Welcome coffee	
09:00 -09:10	Welcome & Introduction to Workshop	Dirk Focroul (Fluxys)
09:10 -09:20	The REGATRACE project	Stefano Proietti (ISINNOVA)
09:20 -09:40	REPowerEU: Joint European action for more affordable, secure and sustainable energy	Mieke Decorte (EBA)
09:40 -10:00	European overview of registries	Milenko Matosic (DENA)
10:00 -10:20	ERGaR CoO Scheme for cross-border transfers of renewable gases	Matthias Edel/Katharina Kramer (ERGaR)
10:20 -10:40	The EECS system and its application to renewable gases	Katrien Verwimp (AIB)
10:40 -11:00	Q&A	
11:00 -11:30	Coffee break	
11:30 -11:50	State of the Registries and renewable gases strategies in Belgium	Dirk Focroul (Fluxys)
11:50 -12:10	Biomethane for ETS in Flanders	Tomas Velghe (VEKA)
12:10 -12:30	Biomethane potential and evolutions in Belgium	Sam Tessens (Biogas-E) and Matthieu Schmitt (Valbiom)
12:30 -12:50	Q&A	
12:50 -13:00	Conclusions & next steps	
13:00 -14:00	Lunch	





Thanks for your attention!

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