



**REGATRACE**

Renewable Gas Trade Centre in Europe

# The REGATRACE project

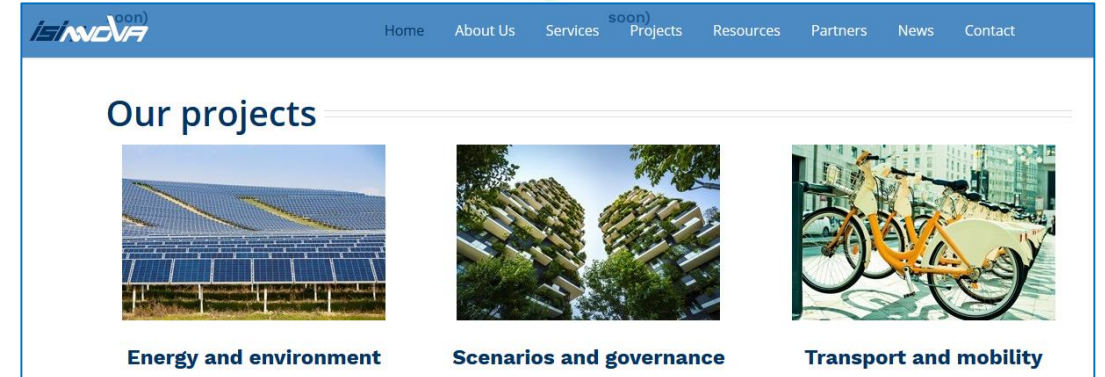
Stefano Proietti,  
ISINNOVA  
Milan,  
5<sup>th</sup> December 2019

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# Who we are

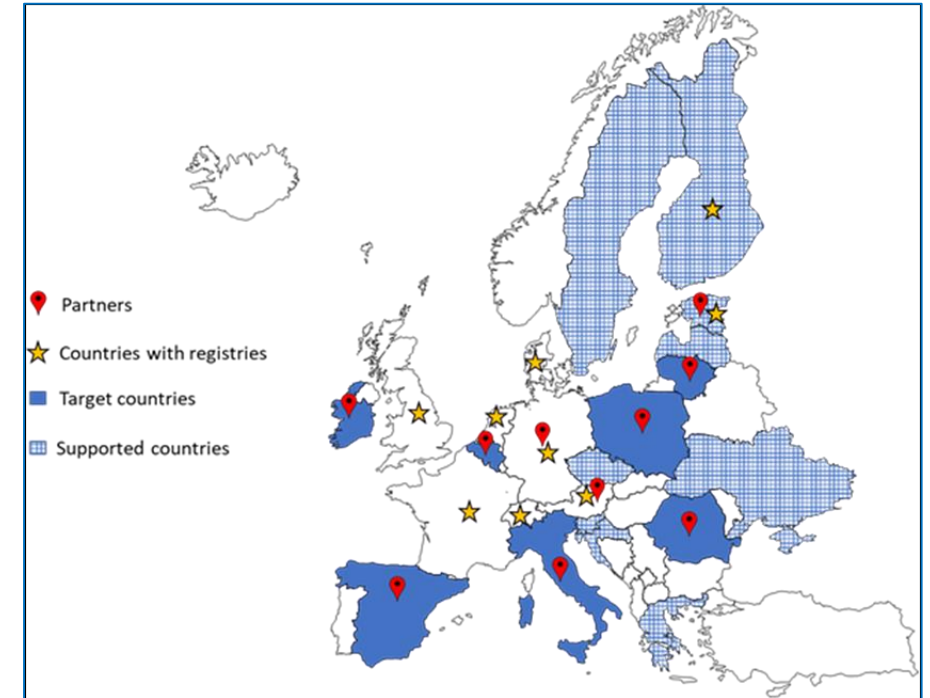
- Research and consultant Institute founded in 1971
- Consolidated experience in energy efficiency, sustainable mobility, territorial systems, environmental sustainability
- 15 members staff with multidisciplinary background in engineering, statistics, economics, politics and informatics
- Long story 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.oorg](http://www.isinnova.oorg)



# Project Summary

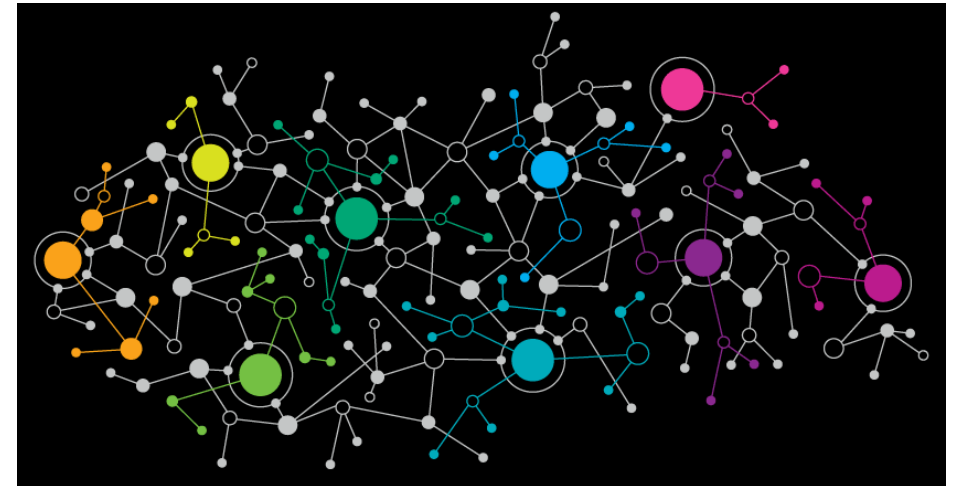


- **REGATRACE: REnewable GAs TRAdE Centre in Europe (HORIZON 2020);**
- **36 months** (June 2019- May 2022);
- **15 partners in 10 countries:** ISINNOVA, CIB (IT), EBA, AIB, ERGaR, Fluxys (BE), RFGI (IE), DENA, DBFZ (DE), AGCS (AT), Elering (EE), UPEBI (PL), ARBIO (RO), NEDGIA (ES), Amber (LT)
- **12 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 Guarantees of Origin** and to support **market development** (with several guidelines, participatory workshops, etc.);
- **Activities:**
  - ✓ European biomethane/renewable gases GoO 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 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



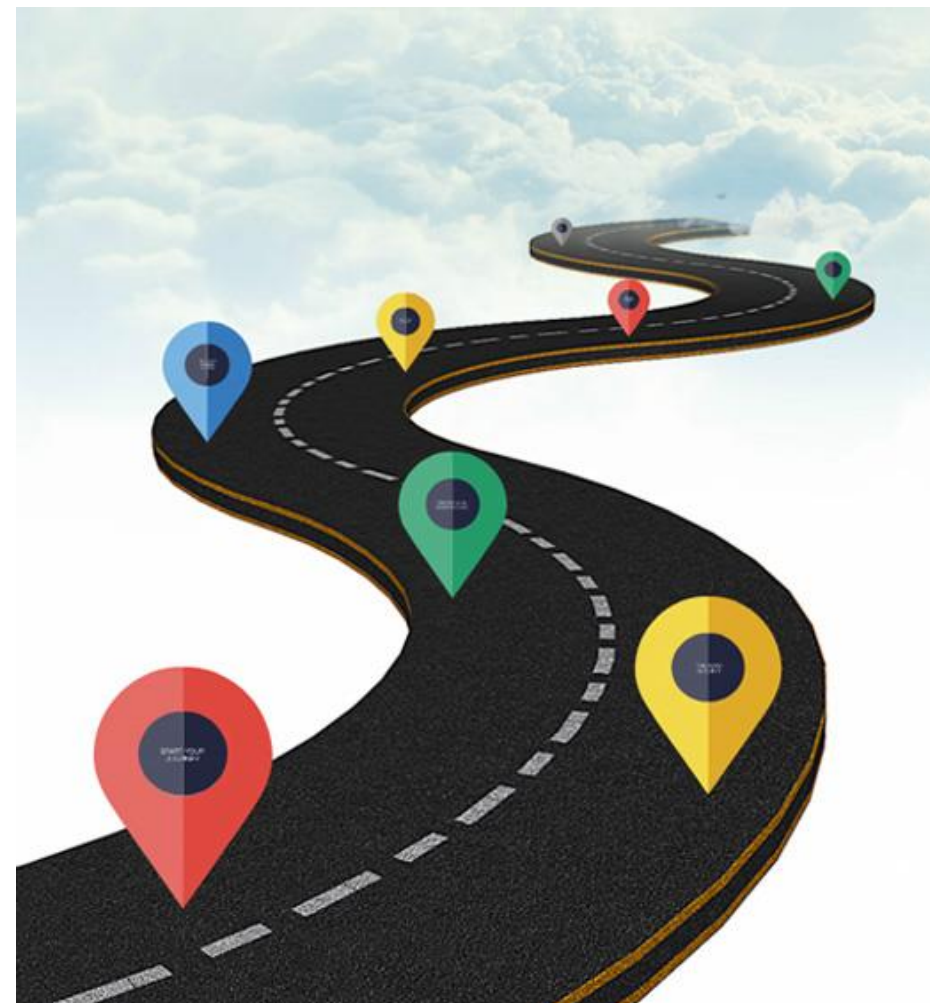
# Integrated assessment and sustainable feedstock mobilisation strategies

- 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

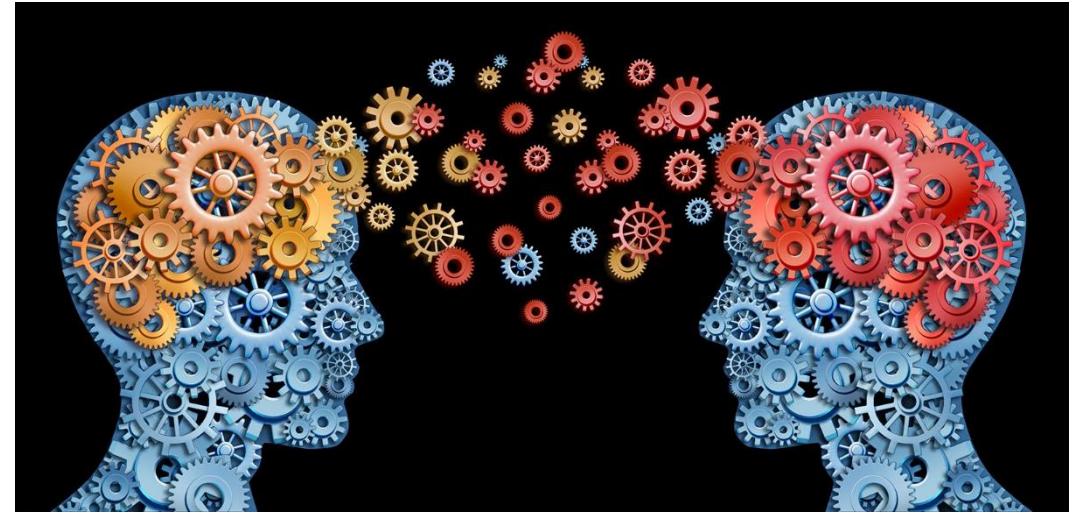
- **Mapping** on the state of play of renewable gases market in Europe (**23 countries**)
- National **strategic visions and roadmaps** (with 4 participatory workshops in **15 countries**)
- **Guidance** for feasibility analysis and **guidebook** on securing financing for biomethane investments





# Transferability of results beyond the project's countries

- Proper exploitation and transferability of project results through the organisation of **seven** workshops in non-partner countries (in BG, HU, LU, NO, PT, RS and SK).
- 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 and what expected in next months

- Updated **Guidelines** for creating the European Biomethane GoO
- **Guidelines** for establishing national biomethane registries
- Report on content and attributes of **GoO**
- **Mapping** on the state of play of renewable gases market in Europe
- Support for **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 RO) and in “supported” ones (HR, CZ, 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	Lorenzo Maggioni (CIB)
09:10 -09:20	The REGATRACE project	Stefano Proietti (ISINNOVA)
09:20 -09:40	European overview of registries and Germany registry	Milenko Matosic (DENA)
09:40 -10:00	Registry in Austria	Andreas Wolf (AGCS)
10:00 -10:20	Registry in Estonia	Vreni Oselin (Elering)
10:20 -10:30	State of the Registry and renewable gases strategies in Italy	Lorenzo Maggioni (CIB)
10:30 -10:50	Renewable gases in the strategies of SNAM	Simona D'Angelosante (SNAM)
10:50 -11:00	Q&A	
11:00 -11:30	Coffee break	
11:30 -11:50	ERGaR concept for cross-border biomethane trade and the role of the network of the registries	Flore Belin (ERGaR)
11:50 -12:10	The EECS system and its application to renewable gases	Katrien Verwimp (AIB)
12:10 -12:30	Q&A	
12:30 -13:00	Conclusions & next steps	
13:00 -14:00	Lunch	



Thanks for your attention!

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ISINNOVA

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