

2nd Participatory Workshop | Ireland | 29 July 2021



REGATRACE

Renewable Gas Trade Centre in Europe



This project receives funding through the European Union's Horizon Programme for research and innovation under Grant Agreement No 857796

- creating a stable and common market for renewable gases in Europe
- helping collaboration to develop the vision and roadmap in participating states
- RGFI lead partner representing Ireland and a key player in developing the vision

Workshop 1 - June 2021

- collaboration on the visioning process

Workshop 2 - July 2021

- updating on European context
- presenting the collaborative vision and related initiatives
- developing the Roadmap

Agenda

09:30-11:40

Introduction and overview of the emerging industry in Ireland PJ McCarthy CEO, RGFI

The vision across Europe and update from Brussels Suzanna Pfluger, Sec Gen EBA

Update on EU cross border trade Matthias Edel, Sec Gen ERGAR

Urban hubs - Sligo Local Gas Network, Mel Gavin, Sligo IT

Policy relevant to communities and renewable power JP Prendergast, University of Limerick

Project Clover Russell Smith, KPMG

Regenerative agriculture and AD David Hagan, Devenish Nutrition

Green Gas Certification update Brendan O' Riordan, Gas Networks Ireland

11:40-12:30

Vision Summary and Roadmap

Interactive poll and Q&A Next steps

Participation – Polls followed by Q&A

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The vision for renewable gas in Ireland

The vision is for a consumer led, at scale, renewable gas industry

- decarbonising difficult to decarbonise sectors
 - the thermal demands of industry, and agriculture
- supporting sustainable, profitable agriculture and the circular rural economy
- supporting sustainable transport
- aligned with EU and national sustainability and climate action policies
- underwritten by charter

Introduction and overview of the emerging industry in Ireland

Context of challenges facing agriculture

A fully integrated solution across government and industry- central to the vision

Using agri-based feedstock to produce biomethane and biodigestate

- supports agriculture and the circular rural economy at its core
- addresses difficult to decarbonise thermal heat process
- is supported by Teagasc National Agriculture Advisory & Research Centre.

The decarbonisation and sustainability challenges facing agriculture, Ireland's largest indigenous industry cannot be overestimated. The renewable gas industry provides:

- Opportunities for sustainable diverse, sustained farm incomes, Carbon farming
- Improved water and air quality
- Soil health and biodiversity
- Slurry management benefits
- Zero food production impact

More on this from KPMG and Devenish Nutrition later on in the workshop ...

Introduction and overview of the emerging industry in Ireland

Role of Renewable Gas Forum Ireland (RGFI)

- An industry forum representing the full supply chain of renewable gases **both North and South**
- Advocates on behalf of energy gas consumers for an integrated energy system, with solutions to decarbonise the difficult sectors of Heat, Transport and Agriculture.
- Creates suitable market conditions by influencing policy and legislation with mandate from consumer representative groups in Heat, Transport and Agriculture.
- Integrated business case for Biomethane in Ireland and working closely with consumer groups
- Represents Irish industry at EU level and helps develop and apply best practice and international collaboration through projects such as Regatrace, Biowill, Ergar

Fundamentals in place:

Business Case for Biomethane Production

Harmonisation of Tariffs

Green Gas Certification Scheme

Gas Grid Connection Agreements

Introduction and overview of the emerging industry in Ireland

Policy & Legislation

- Renewable Heat Ireland – 40by30 a collaboration between renewable heat technologies, where renewable gas is recognised as having a key role to play in decarbonising heat demand. Specific policy recommendations and actions proposed to contribute to achieving 2030 targets.
- Climate Action Bill – signed into Law Friday 23rd July 2021
- Climate Action Plan – Sept '21
- National Development Plan – Sept '21
- Renewable Heat Fuel Obligation Scheme – Dec'21

Introduction and overview of the emerging industry in Ireland

Actions under the Interim Climate Action Plan – under review

- ✓ Mobilise climate related private investment to assist in meeting our climate objectives (Action 11)
- ✓ Develop the central gas injection facility at Mitchelstown to facilitate injection of biomethane into the national grid (subject to suitable policies and measures in place). (Action 54b), by Q4 2022
- ✓ Review target for level of biomethane in the grid by 2030 (Action 54e), by Q2 -2023
- ✓ Put statutory instrument in place for Green Gas Certification Scheme (Action 55b), by Q4 2021
- ✓ Renewable energy obligation in the heat sector, Article 23 (Action 57b), by Q4 2021
- ✓ EI & IDA – decarbonisation solutions for industry (Actions 68 and 69)
- ✓ Implementation of Ag Climatise – actions 1, 12, 17 and 20 (Action 137)
- ✓ Complete review of Teagasc MACC scheme 2021 (Action 138) by Q2 – 2021
- ✓ Teagasc Grange –biomethane plant operational (Action 145a)
- ✓ AD infrastructure to manage animal slurries/manures (Action 145b)

“Fit for 55”

Reducing greenhouse gas emissions by at least 55% by 2030 requires higher shares of renewable energy and greater energy efficiency.

We must build a new economic model and reduce external energy dependency.



" Current tools do not deliver enough to reach 55% reduction of greenhouse gas emissions in 2030. We need real incentives for change and we need to generate the revenues to seriously invest in that change." - **Frans Timmermans**

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Thank You

