



**“Farming & forestry in a climate-neutral Europe:
Bringing 6 years of research into action for climate”**

**3rd FACCE ERA-GAS Research Programme Meeting &
Stakeholder-led workshop on R&I for transformative change**

Hosted by Wageningen University & Research
Chaired by Helen Carroll (external moderator)

2-3 March 2022
Virtual Zoom Meeting

Objectives

- Explore what key learnings the research projects co-funded by FACCE ERA-GAS have for policy, research and practice to achieve climate action
- Reflect on how R&I can be leveraged for transformative change and co-delivery of climate targets

PROGRAMME (all times in CET)

DAY 1
Research Programme Meeting

09:30 Online room open

10:00 Opening of Day 1 by Helen Carroll, chair

10:00 Welcome messages

Martin Scholten, Wageningen University & Research, Principal Advisor for European Affairs
Raymond Kelly, Coordinator of FACCE ERA-GAS – Teagasc, Ireland
Gudrun Langthaler, FACCE-JPI Governing Board Chair

10:10 FACCE ERA-GAS: 6 years of research & transnational coordination
Órlaith Ní Choncubhair, Teagasc, Ireland

10:20 Keynote addresses from the European Commission

Peter Wehrheim, Head of Bioeconomy & Food Systems Unit, DG R&I, European Commission
Kerstin Rosenow, Head of Research & Innovation Unit, DG AGRI, European Commission

11:00 Introduction to the project interviews and joint discussion

Abigail Muscat, Communication Lead FACCE ERA-GAS – Wageningen University & Research, the Netherlands

Landscapes, Forests & Peatlands

11:05 Interviews and joint discussion with FACCE ERA-GAS projects

Panellists: *Tim McAllister – Principal Research Scientist, Agriculture and Agri-Food Canada & FACCE-JPI Scientific Advisory Board Member*

Henk van der Mheen – Manager Climate Research, Wageningen University and Research & FACCE-JPI Stakeholder Advisory Board Member representing the Global Research Alliance on Agricultural Greenhouse Gases

This session aims to learn about the advances made and expected impacts for policy, research and practice emerging from the co-funded projects through interviews.

3DForMod – Combining remote sensing and 3D forest modelling to improve tropical forests monitoring of greenhouse gases emissions

FORCLIMIT – Mobilising and monitoring climate positive efforts in forests and forestry

GHG-Manage – Managing and reporting of greenhouse gas emissions and carbon sequestration in different landscape mosaics

INVENT – Improving national forest inventory-based carbon stock change estimates for greenhouse gas inventories

PEATWISE – Wise use of drained peatlands in a bio-based economy: development of improved assessment practices and sustainable techniques for mitigation of greenhouse gases

11:55 BREAK

Crops, Livestock & Soils

12:10 Interviews and joint discussion with FACCE ERA-GAS projects

Panellists: *Tim McAllister – Principal Research Scientist, Agriculture and Agri-Food Canada & FACCE-JPI Scientific Advisory Board Member*

Henk van der Mheen – Manager Climate Research, Wageningen University and Research & FACCE-JPI Stakeholder Advisory Board Member representing the Global Research Alliance on Agricultural Greenhouse Gases

This second session will explore the advances made and expected impacts for policy, research and practice emerging from the crops, livestock and soil-related co-funded projects.

CEDERS – Capturing effects of diet on emissions from ruminant systems

MAGGE-pH – Mitigating agricultural greenhouse gas emissions by improved pH management of soils

METHLAB – Refining direct fed microbials (DFM) and silage inoculants for reduction of methane emissions from ruminants

ResidueGas – Improved estimation and mitigation of nitrous oxide emissions and soil carbon storage from crop residues

RumenPredict - Predicting appropriate GHG mitigation strategies based on modelling variables that contribute to ruminant environmental impact

13:00 Wrap-up of outcomes of Day 1

Raymond Kelly – Teagasc, Ireland

13:10 Close of Day 1 by Helen Carroll, chair

DAY 2

Stakeholder-led workshop:

R&I for transformative change: co-delivering on the 2030 climate targets

It has become clear that transformative change is needed across our agriculture, forestry and food systems to achieve sustainability, particularly if we are to meet our climate targets. Research and innovation are often called upon to show the way towards transformative change. However, it can be difficult for both researchers and stakeholders to fully exploit the results of research to achieve demonstrable impact. This workshop aims to bring key stakeholders of the FACCE ERA-GAS projects together with researchers to reflect on how R&I can be leveraged for transformative change. This workshop will attempt to answer these key questions:

1. What is the role of research & innovation in transformative change for climate?
2. What are the needs of practitioners, researchers and society at large and how can R&I respond to them?
3. How to enable a shared vision and co-creation of R&I for climate impact?

09:30 Online room open

10:00 Opening of Day 2 by Helen Carroll, chair

10:05 Opening address

Frank O'Mara – Director of Teagasc, Ireland & President European Animal Task Force

10:15 Introduction to the stakeholder-led workshop

Abigail Muscat, Communication Lead FACCE ERA-GAS – Wageningen University & Research, the Netherlands

10:20 Keynote address: 'A changing climate for knowledge generation in agriculture'

Dhanush Dinesh – Founder of Clim-Eat, bridging science and policy for food and climate

Focus Area 1: policy & national greenhouse gas inventories

11:00 From research to impact: interviews & panel discussions with stakeholder ambassadors

Panellists include:

Fabien Ramos – Policy Officer Climate Change and Energy, DG CLIMA, European Commission

Valerio Abbadessa – Research Programme Officer, DG AGRI, European Commission

Jaakko Nippala – Senior Specialist, Ministry of Agriculture and Forestry, Finland

Hans Roust Thysen – Climate Manager, Centre for Climate & Sustainability, SEGES, Denmark

Researcher: Jørgen Eivind Olesen (ResidueGas Coordinator)

12:10 BREAK

Focus Area 2: farming, forestry & supporting innovation

12:20 From research to impact: interviews & panel discussions with stakeholder ambassadors

Panellists include:

Nicolas Robert – Scientific Project Officer, Bioeconomy Unit, Joint Research Centre, European Commission

Branwen Miles – Senior Policy Advisor, COPA COGECA

David Telford – Head of AgriFood, Innovate UK Knowledge Transfer Network

Researchers: Sharon Huws (RumenPredict Coordinator) and Catherine Stanton (METHLAB Coordinator)

13:30 Summing up of the key insights from Day 2 and a look to the future

Órlaith Ní Choncubhair – Teagasc, Ireland

Abigail Muscat – Wageningen University and Research

Raymond Kelly – Teagasc, Ireland

13:40 Closure of the event by Helen Carroll, chair

FACCE ERA-GAS Website:

www.eragas.eu

FACCE ERA-GAS Twitter:

@FACCE_ERAGAS

FACCE ERA-GAS LinkedIn:

<https://bit.ly/3v2iPXD>

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FACCE-JPI Project wheel:

<https://bit.ly/3oYE4sb>