

FACCE ERA-GAS: 6 years of research & transnational coordination

Dr Órlaith Ní Choncubhair, FACCE ERA-GAS Consortium Manger
Teagasc, Ireland

FACCE ERA-GAS Final Event
2 – 3 March 2022

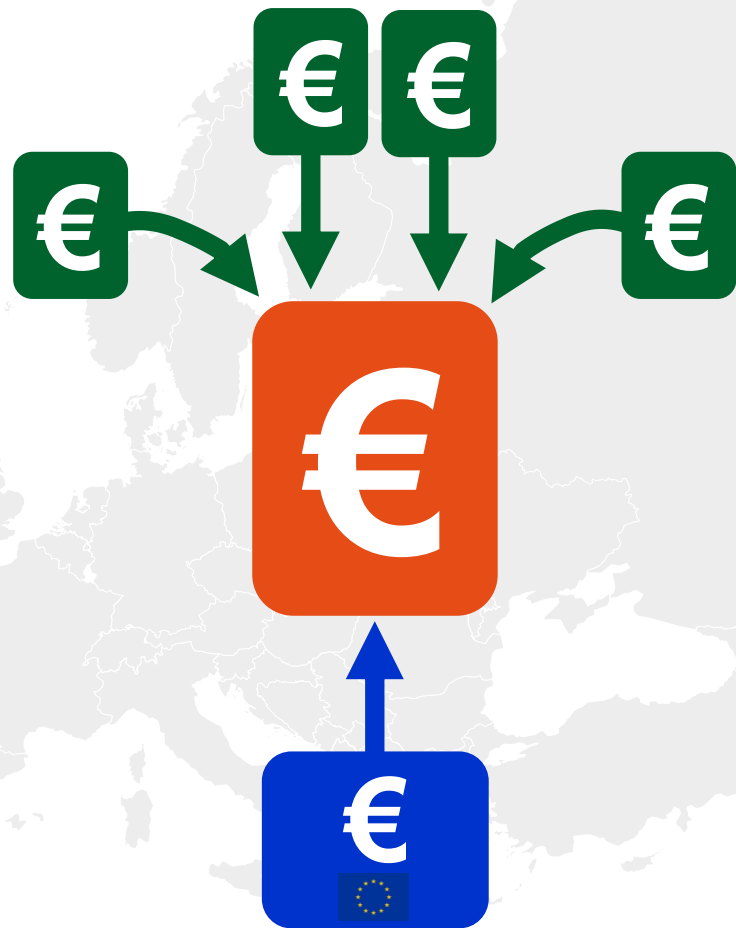
FACCE
ERA-GAS



MONITORING & MITIGATION OF GREENHOUSE GASES
FROM AGRI- AND SILVI-CULTURE



The project receives funding from the European Union's
Horizon2020 Research & Innovation Programme under grant
agreement no. 696356



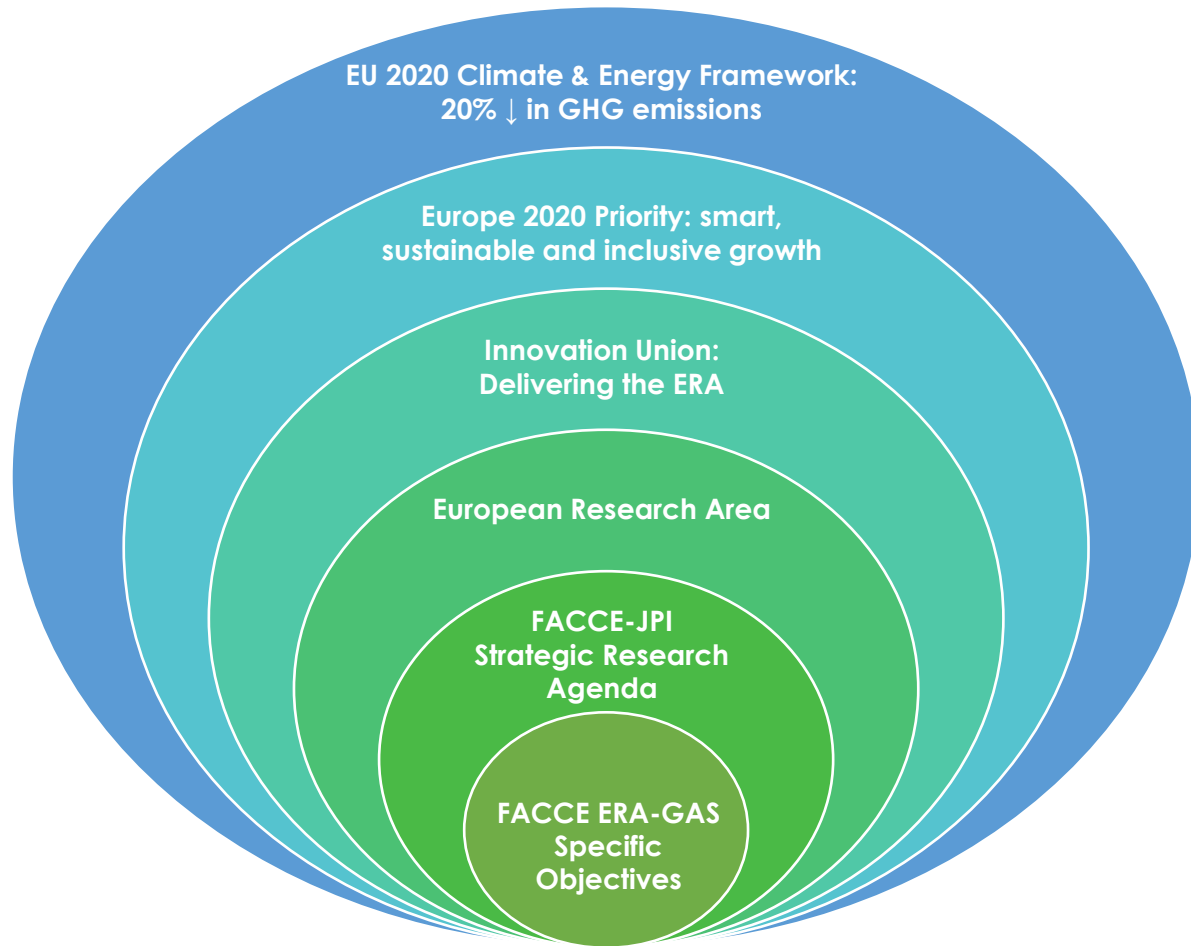
Public-Public Partnership

Joint Transnational Call
for R&I Projects,
co-funded by the
European Commission

Context & Approach



Context & Approach





2016 Co-funded Call

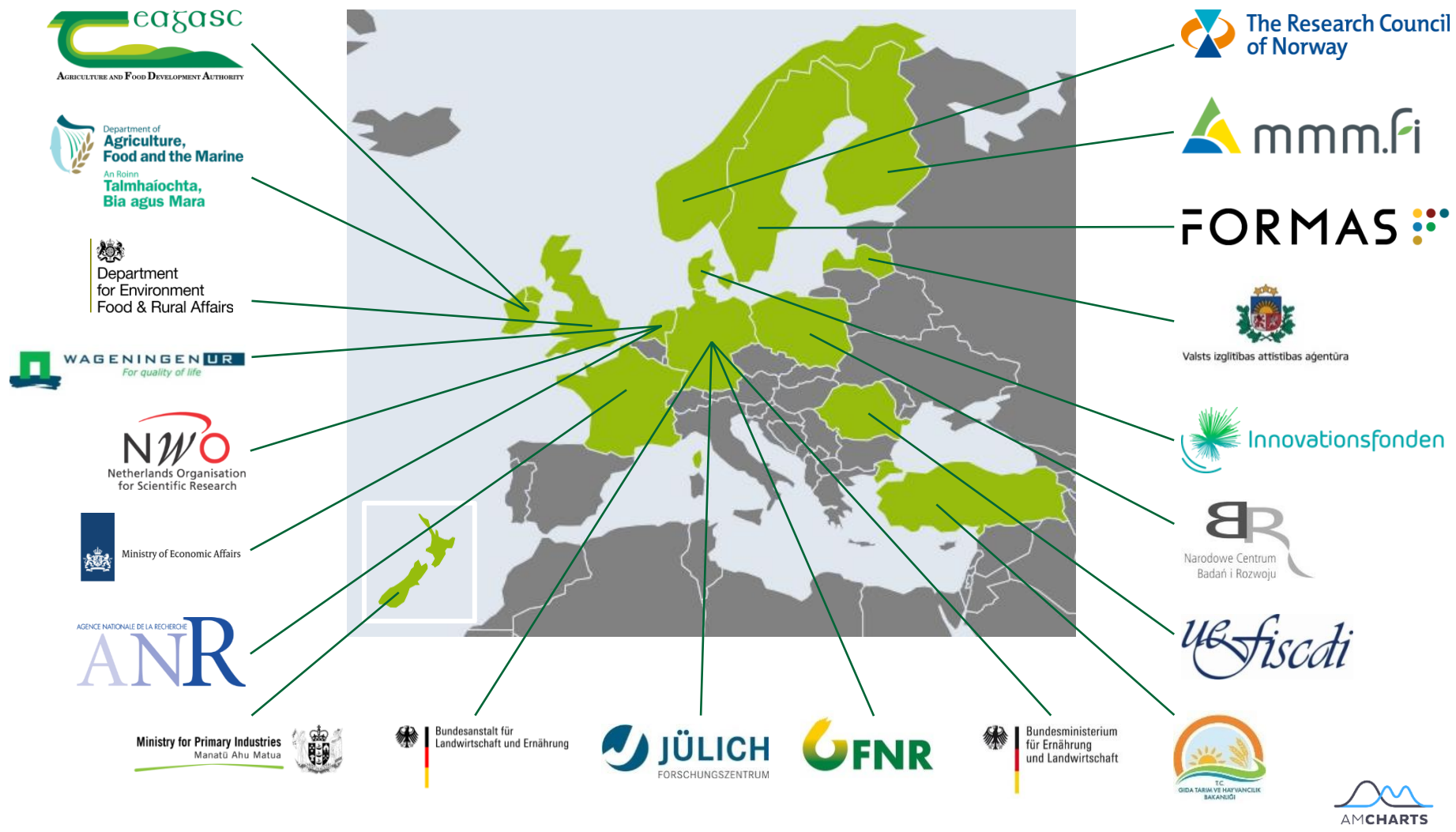


**‘Monitoring & mitigation of greenhouse gases
from agriculture and silviculture’**



2016 Co-funded Call - Outcomes

14
Countries





2016 Co-funded Call - Outcomes

14
Countries

15
Funders

€14M
Committed

10
Projects

71
Partners

2016 Co-Funded Call - Outcomes

173



Scientific peer-reviewed articles

165



Conference presentations

103



Reported stakeholder interactions

89



Scientists trained (Masters, PhD, Postdoc)

34



Scientific and training events organised

22



Reported mobility actions

8/10



Projects with follow-up funding

2018 Joint Call

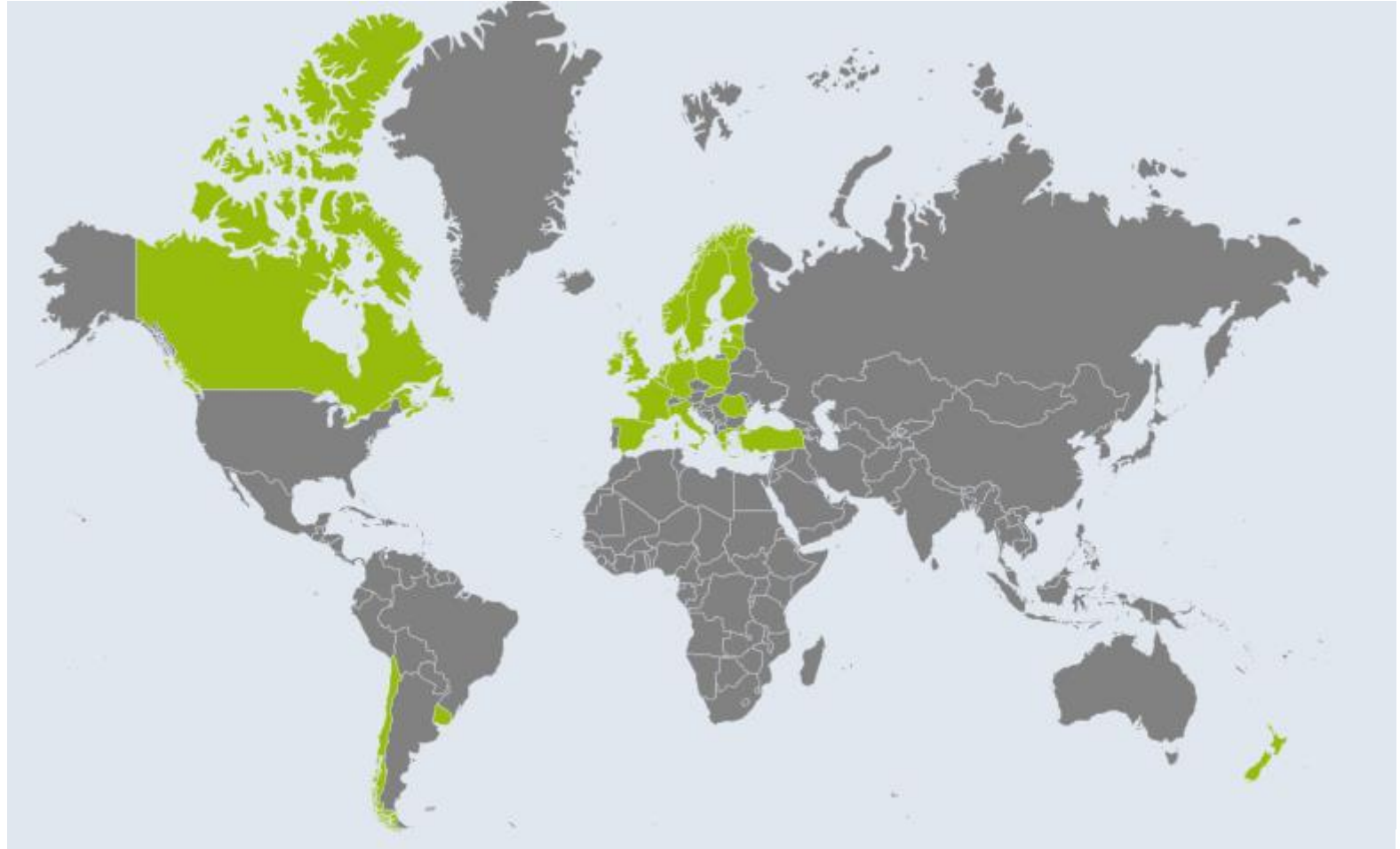
‘Novel technologies, solutions and systems to reduce greenhouse gas emissions in animal production systems’





2018 Co-funded Call - Outcomes

24
Countries





2018 Co-funded Call - Outcomes

24
Countries

28
Funders

€11M
Committed

8
Projects

69
Partners

2018 Joint Call Projects (1)



CCC Farming

Climate Care Cattle Farming Systems - reducing GHG and ammonia emissions while maintaining the social-economic outlook of the farm business

NL IT LV DE LT UK FR PL US BR IL



FarmSustainaBI

Enabling smart livestock farming technologies for environmental sustainability using blockchain

GR RO DK



MilKey

Decision support system for sustainable and GHG optimised milk production in key European areas

DE PL GR BE IE FR NO



GrASTech

Precision Livestock Farming (PLF) technologies to reduce greenhouse gas emissions intensity of pasture-based cattle systems

BE FR UK



2018 Joint Call Projects (2)



GrassToGas

Strategies to mitigate GHG emissions from pasture-based sheep systems

UK FR UY NO IE NZ TR



SEASOLUTIONS

Seaweeds and seaweed-ingredients to reduce enteric methane emissions from pasture based sheep, cattle and dairy cows

IE NO CA SE DE UK

2018 Joint Call Projects (3)



M4Models

Manure management for methane mitigation - improved inventory modelling to support policy actions

DK DE NL SE



MELS

Mitigating greenhouse gas emissions from livestock systems

DE IE DK NZ FR CL PL GR

2018 Joint Call – Personnel & Gender



Permanent staff

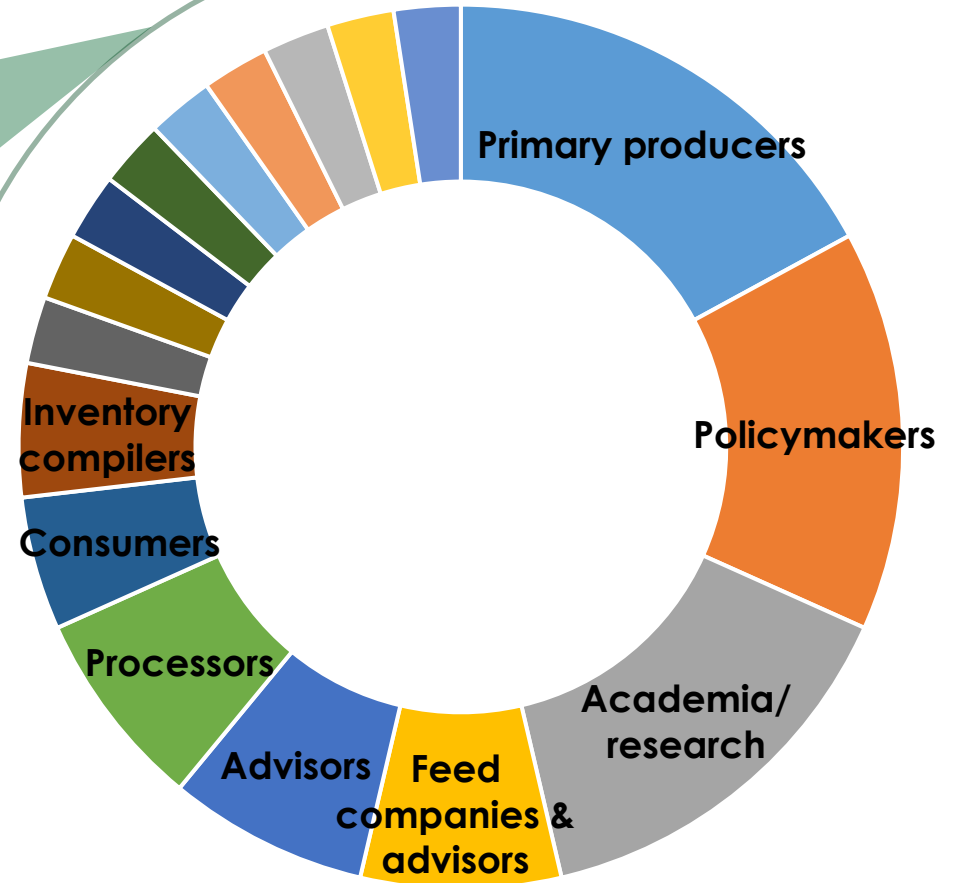


Staff & students hired
(Masters, PhD, Postdoc)



Intended beneficiaries of project results

- Breeding companies
- Companies
- Agronomists
- Vets
- Developing Countries
- Tech providers
- Retailers
- Farming organisations
- Users of NPC tools



2021 Joint Call

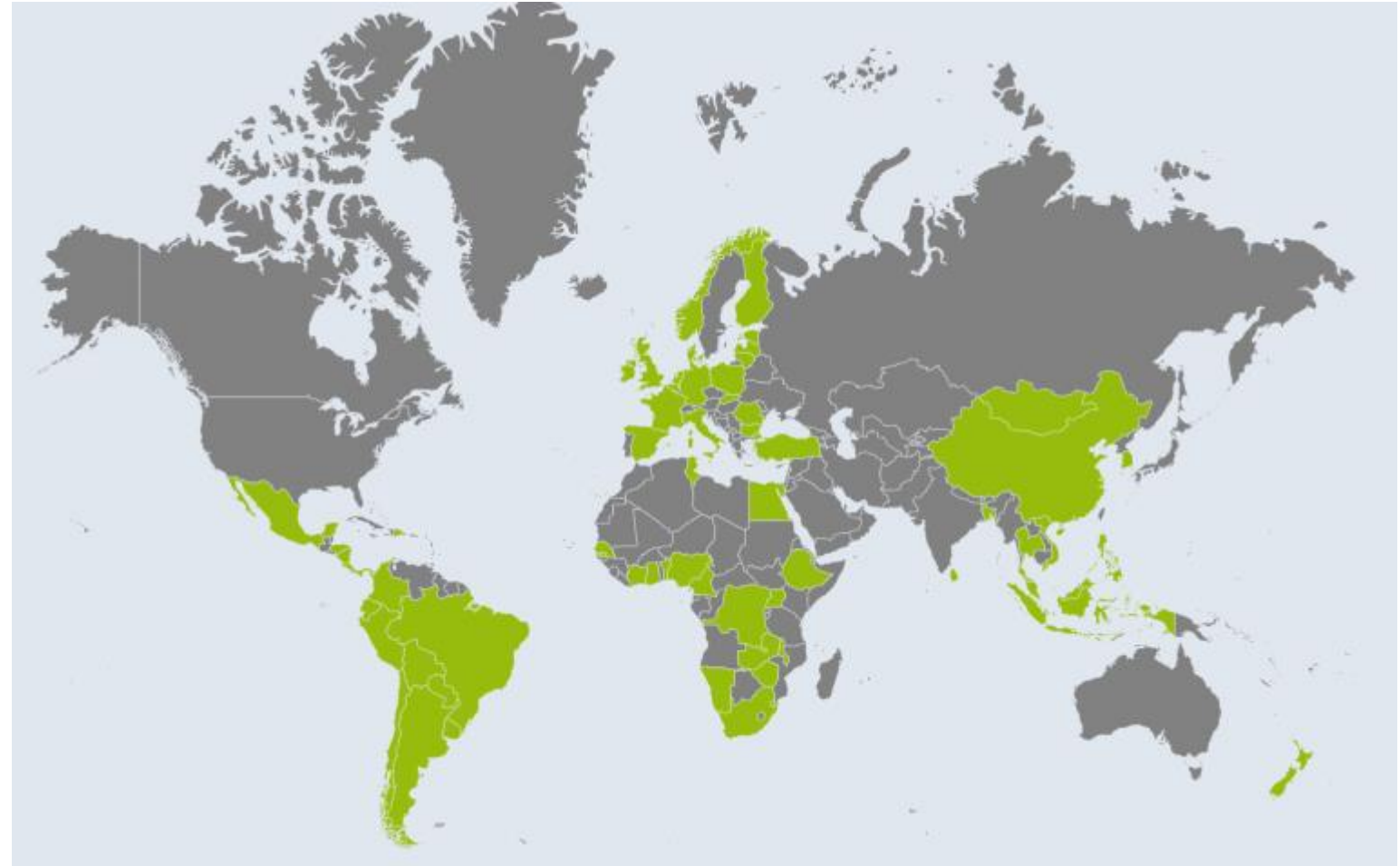
‘Circularity in mixed crop and livestock farming systems, with emphasis on greenhouse gas mitigation’



2021 Joint Call – Outcomes

22
Countries

+1
International
Network



2021 Joint Call – Outcomes

22

Countries

29

Funders

€12.2M

Committed

9

Projects

+1

**International
Network**

FACCE ERA-GAS

2ND RESEARCH PROGRAMME MEETING

12 JUNE 2019

Register by **1st April 2019** on www.eragas.eu

HOTEL CASA | AMSTERDAM THE NETHERLANDS

Integrated in the 8th International Symposium on Non-CO₂ Greenhouse Gases (NCGG8)

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FACCE ERA-GAS CALL FOR SUBMISSIONS

EARLY CAREER RESEARCHER **SUMMER SCHOOL**

on GHG monitoring and mitigation in agriculture and forestry

Researcher Awards available up to a value of €1,750!

AMSTERDAM, THE NETHERLANDS 12-14 JUNE 2019

www.eragas.eu/summer-school

Deadline for submissions: 24 April 2019 | 14:00 CEST

Other Activities

FACCE ERA-GAS

GHG Breakfast Club

FOR POSTDOC & PhD



**7th March:
The Methane
Debate**

**25th March:
Forests &
climate**

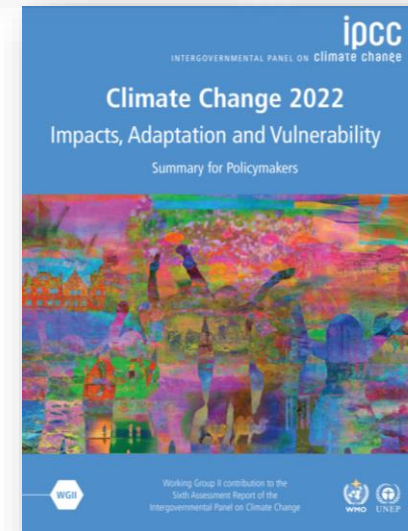
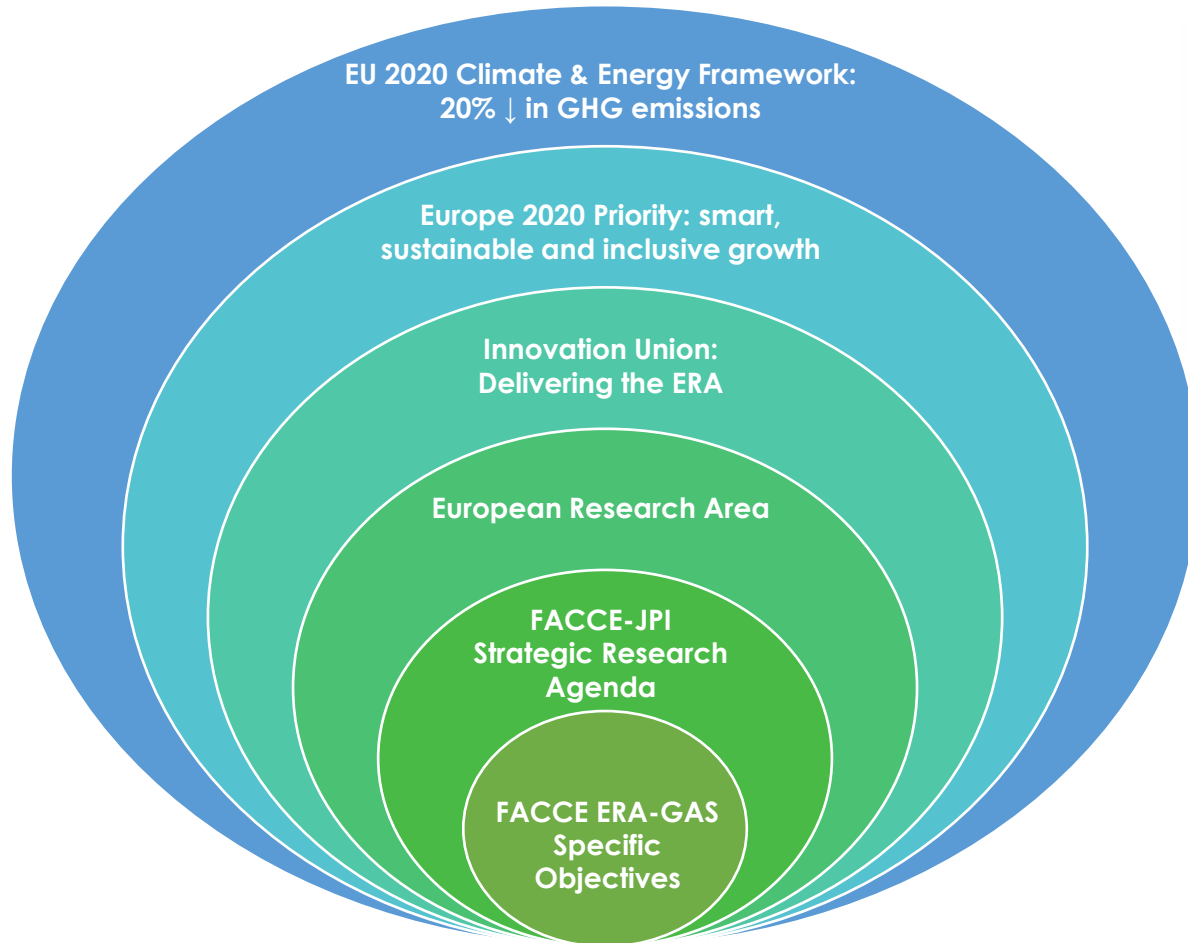
Stakeholder-led workshop on:
'R&I for transformative change: co-delivering on the 2030 climate targets'

3 March 2022
Virtual Zoom Meeting

Hosted by Wageningen University & Research
Chaired by Helen Carroll, external moderator



Context - revisited



Thank you!

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FOR MORE INFORMATION, VISIT: WWW.ERAGAS.EU