

# GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

## Country report : NORWAY

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Presentation to IRG Annual Meeting  
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Participation to the **Soil Carbon Network** via :

- Active contribution to the LEAP partnership TAG-report from FAO published in 2019. *Measuring and modelling soil carbon stocks and stock changes in livestock production systems – Guidelines for assessment. Version 1. Rome. 152 pp.* (NIBIO and NMBU)
- Contributed with inputs from the Norwegian case to the CIRCASA project
- Producing a text for the GRA community website describing the Norwegian contribution/participation (coordinated by NIBIO, all GRA community members in Norway participate).

# Projects, initiatives and contributions to IRG's topics

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## Selected projects

**PLATON:** a **PLAT**form for **O**pen and **N**ationally Accessible Climate Policy Knowledge (RCN, 2019-2022).

gain knowledge about how the **policy system** can be adjusted in **feasible** and **effective** ways to satisfy the **reporting commitments** and meet the 2030 and 2050 **emission targets** of Norway through increased GHG **abatement and carbon uptake** in soil and vegetation, while ensuring climate-friendly **innovations**, alongside meeting **other societal goals**.

- **Biochar-fertilizer solutions for soil carbon storage** and food production benefits (**CARBO-FERTIL**, 2018-2021, [www.nibio.no/carbo-fertil](http://www.nibio.no/carbo-fertil) )
- Forest fertilization using nutrient-enriched biochar for climate change mitigation (**FORBIOCHAR**) RCN 2020-2023
- **Carbon storage in Norwegian grasslands** (RCN, 2017-2021)
- **Climate Smart Use of Norwegian Organic Soils** (MYR; 2018-2021; RCN)

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Contribution to initiatives, research program, partnership

**EJP Soil** (European Joint Programme on Soil). NIBIO project manager for Norway.

**Improving IPCC reporting** (commissioned by the Directorate for Environment in Norway):

- Development of a Tier 3 reporting for C stocks in agricultural soils.
- Developement of a better method for accounting LUC effects on soil carbon.



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## Activities related to NDC:

Report 2019 (NIBIO, NMBU, INN) on *Possibilities and Challenges for increasing soil carbon sequestration in Norwegian agricultural soils*. (commissioned by the Directorate for Agriculture and Food in Norway)

Participation to the Technical Group for Estimating Mitigation Options in Agriculture (Report in 2019).

Presentations to Parliamentary Groups in 2019 on the potential of biochar as a soil carbon sequestration method in Norway



# Opportunities, future actions and funding : NORWAY

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## Opportunities/actions

NIBIO is coordinating soil carbon related activities internally (for example through its Climate Mitigation Forum) with the aim of mapping and identifying research needs and priorities. This work is also directed towards a national soil carbon coordination effort, however this is work in progress.

## Possible funding

- Multiple calls of the Research Council of Norway (RCN), notably BIONÆR (bioindustries) and KLIMAFORSK (climate and climate mitigation), MILJØFORSK?
- EJP Soil
- EU calls...



**Takk!**  
**Thank you!**