



Invitation to workshop:

# Updating methodology and data foundation to ensure a fair calculation of climate impact of organic agricultural production

## Optimizing the data foundation for calculating carbon footprint of organic farming

Co-hosts:

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Lisbeth Mogensen, Department  
of Agroecology, Aarhus University

When and where?

30. March 2023

13:00 – 15:00

online via Teams

Further information and  
registration by 1. March 2023

via e-mail: [jabp@icoel.dk](mailto:jabp@icoel.dk)

Organic farming is recognized both globally and nationally as an important contributor to mitigating climate change, but calculations of carbon footprint of organic farming are often based on a deficient foundation of knowledge and data. At the same time, climate taxes are expected to be imposed on agricultural farming which further increases the importance of the calculation of the individual farm's contribution to climate change.

There is an urgent need to optimize the data foundation and prepare a roadmap that visualizes solutions and prioritizes efforts to obtain accurate calculations of the climate footprint of organic farms. The major part of the available information on climate impact of organic farming is compiled and recorded based on the framework of the conventional system. Activity data, norm figures and emission factors are often based on conventional stable systems and intensive livestock production. The same applies to input and output to and from fields, where, among other factors, the main input of nitrogen is handled computationally as artificial fertilizer without taking into consideration the nuances of animal manure.

Organic farming practices are often more diverse, integrated by several branches of production and composed of a mixture of products. We therefore need contributions from professionals with insights into company-specific issues, climate calculations and the main differences between organic and conventional production systems in relation to emission factors, standard figures and activity data. The aim of the workshop will be to gather these contributions, and we hope you will be able to participate and contribute to an important and interesting discussion together with other key professionals from the industry.

We hope to see you at the workshop.