

Providing integrated data for the monitoring and analysis of agriculture, greenhouse gas emissions and circular food systems

Webinar | Friday October 29, 2021 | 14:00 – 16:00 CET

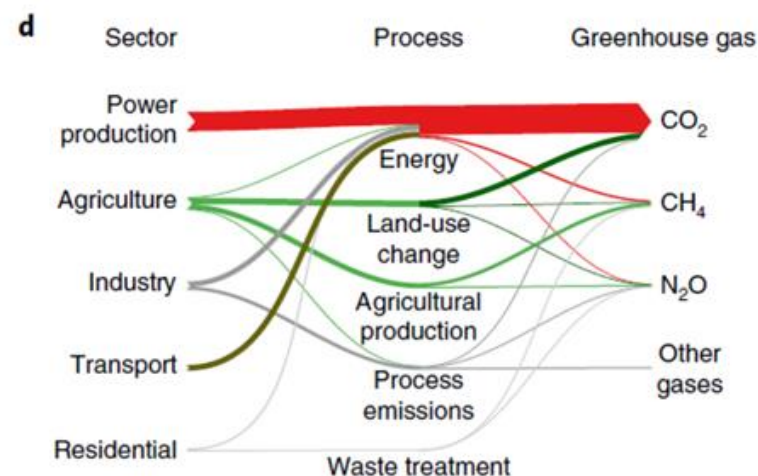
The agriculture sector is a significant source of greenhouse gas (GHG) emissions. Because of the negative impact of high atmospheric GHG concentrations on the global climate, a number of (inter-)national policies are being implemented to reduce these emissions. These policies are also targeted at the agricultural sector, and will possibly be extended to the food system as a whole (including diet type). In order to develop efficient and cost-effective policies, it is paramount to have a good insight in the coupling between the food system in physical terms (kg product) and the monetary value (added) and GHG emissions associated with each processing step and product type.

While raw data on these topics are collected by a large number of institutions, there is an additional role for national statistical offices in integrating these data into statistical frameworks concerned with the interaction between economy and the environment, i.e. the UN-developed System of Economic-Environmental Accounts (SEEA). During this webinar *Statistics Netherlands* will outline the structure of the SEEA, sketch in broad strokes the data processing involved, and present innovative visualizations of the food system, highlighting the relationship between agricultural activities, economic value, and GHG emissions. These statistical frameworks and visualizations can help in monitoring progress towards the Paris Agreements (and beyond), putting specific measures and indicators into a broader systems-level context, and identifying leverage points for reducing GHG emissions while maintaining adequate welfare levels.

The Webinar will take around 2 hrs, including a break, and will include:

- Introduction
- Overview of GHG accounts (data collection; processing; accounting); relevant indicators; Paris agreement
- Overview of SEEA framework (overview of accounts, including Material Flow Account; integration of primary statistics; relevant indicators; links with CE; links within SEEA and between SEEA and System of national Accounts (SNA))
- Visualizations of agriculture and food systems with emphasis on integration of physical monetary information and GHG emissions.
- Q & A and discussion on the usefulness of these tools and approaches; policy needs etc.

The webinar is focused on researchers, policy-makers and other interested in GHG accounting and monitoring and analysis of agriculture, greenhouse gas emissions and circularity.



A zoom-link will follow soon