The Circular Food Systems Network
exploring opportunities for food security by circularity in different regions in the world

The Circular Food Systems network is a network under the Global Research Alliance on agricultural greenhouse gases
GRA - Global Research Alliance on Agricultural Greenhouse Gases: bring countries together to find ways to grow more food without growing greenhouse gas emissions.

Paddy Rice Research Group: Japan, Senegal, Uruguay

Livestock Research Group: Ireland, New Zealand, UK

Croplands Research Group: Brazil, Spain, US

Integrative Research Group: Australia, Canada, France
  • Farm to Regional Scale Integration Network
  • Inventories and Nationally Determined Contributions Network
  • Soil Carbon Sequestration Network
  • Circular Food Systems Network – since 2021
The Circular Food Systems Network – a short history...

- **2020**: The Integrative Research Group of the GRA agreed to host the CFS network.
- **2021**: The Netherlands’ government provided funding to support the CFS network.
- **2021**: Formal launch and kick-off workshop. Developing knowledge through funding of regional case studies.
- **2022**: Case study results. Thematic discussion groups. Increase collaboration among scientists within the network and beyond.
- **2023**: In-depth research projects on developing indicators to measure circularity in an agro-food system.
The objective of the CFS network is formulated as:

*To contribute to food security with mitigation of GHG emissions by circularity across the entire agri-food system*

We do that by:

- Bringing together, developing, and disseminating knowledge about circular food systems;
- Mobilising agricultural scientists to explore circularity within different agricultural systems focusing on GHG emissions;
- Providing policy makers with methodologies and system designs for a climate-smart, circular food system.
Regional case studies

- Improving circularity in Mediterranean food systems
  Morocco, Tunisia, Greece, Spain

- Role of insects in CFS
  Kenya

- Improving circularity of tropical island food systems
  Reunion Island

- Circularity in grassland-based systems
  Ireland & New Zealand

- A European vision for circular food systems
  Germany, Netherlands, icw other European countries

- Circularity in agroforestry systems
  Peru & Columbia
Thank you

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