



GLOBAL  
RESEARCH  
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

**INTEGRATIVE RESEARCH GROUP:  
Circular Food Systems Network**



**Leader: Flavia Casu**

**Membership: ~120 active contacts**

# Activities/Accomplishment since last meeting

## Network Update

- **Activities & communications**
  1. *Meeting on CFS studies exchange*
  2. *Webinar on data for monitoring GHG emissions and circular economy*
  3. *Conference Circular@WUR*
  4. *Newsletters*
  
- **Accomplishments**
  1. *Finalisation of case studies*
  2. *White paper*
  3. *Call for proposals*
  4. *Selection & start of new research projects*

# Future Research and Capability Opportunities

- Research Opportunities:
  1. Indicators for circularity: implementation
  2. Circular food systems and beyond: ecosystem services, regenerative agriculture & climate mitigation and adaptation
  3. Designing region-specific circular food systems
  4. Link with policy & climate action agenda

# Future Research and Capability Opportunities

- Capability Opportunities:
  1. Workshop 'Beyond the green transition – circular bioeconomy in 30 years?' (Beginning of 2023; SLU Future Food and Forest Bioeconomy Network)
  2. Circular Agronomic Conference (15/02/'23; Brussels)
  3. International conference 'Closed cycles and the Circular Society 2023' (1-5/10-'23; Greece; IEES)
  4. International Bioeconomy conference 'Deliver Circularity Now!' (14-15/06/'23; Germany; BioEconomy Cluster)

# Barriers / Opportunities to achieving C neutrality in cropping systems

- Barriers:
  1. Legislation (testing of opportunities and new technologies)
  2. Measuring C neutrality: indicators and metrics
  
- Opportunities:
  1. C neutrality on what level? Systems' perspective in C neutrality
    - i. integration with the whole food system (agri-food chain, crop-livestock integration)
    - ii. Synergies & trade-offs with other sustainability goals