GRA contributions

• IRG co-chair
• Soil carbon network co-chair (and past field scale network)
• Contributions to CRG and LRG
Other initiatives

- **CIRCASA** (coordinated by Jean-François Soussana), preparing an [International Research Consortium](#)
- **Mission board member ‘Soil health and Food’**
- **European Joint Program on Soils** (coordinated by Claire Chenu, INRAE, co-coord. WUR)
- **Green Deal Call ‘Climate Neutrality of farms’** (coordinated by J-Eric Berges, INRAE)

- **Soil carbon monitoring methodologies**
  - NIVA H2020 project: How to monitor soil C stocks in the next CAP? (Test area 100x1000 kms)
  - Methodological study funded by ADEME

- **National low carbon label**
  - Methodologies developed by industries for agricultural offset projects (e.g. through soil carbon)

- **Carbon farming projects**
  - Case studies in SW France (Nataïs, pop-corn leader)
  - SCARF network, 20 soil carbon farming initiatives across Europe

- **4 per 1000 initiative**
  - Member of STC (Scientific and Technical cooperation Committee)
  - National study on potential and implications of the 4 per 1000 target (INRA and ADEME)
A high potential for soil C sequestration in arable soils

30 millions tons CO$_2$ eq per year
(3.3 per mil increase for agricultural areas, more than 5 per mil for croplands only)

Potential is higher when initial soil C is low

A marginal cost often less than 50 € per ton CO$_2$
France should reach carbon neutrality by 2050. An accelerated decline in agricultural emissions is expected.