Carbon Action Platform researches and develops ways to accelerate soil carbon sequestration and methods to verify the effects scientifically. It introduces climate-friendly, regenerative farming practices to farms in Finland. Carbon Action brings together scientists, farmers, decision makers and companies to work together for sustainable agriculture (Fig 1). It aims at multiple benefits: improved yield, biodiversity and resilience, climate change mitigation and reduction of emissions to Baltic Sea and other water bodies.

**General presentation**

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**Implementation**

- **Objectives**
  - Research and develop ways to accelerate and scientifically verify soil carbon storage
  - Promote and experiment multi-beneficial regenerative cultivation practices improving soil health on farms
  - Develop financial and other steering mechanisms for the widespread adoption of these solutions in Finland and elsewhere
  - Mobilize the actors needed for systemic change

- **Action highlights**
  - 100 pilot carbon farmers (Fig. 2): intensive trainings have started, farmers have chosen their ‘carbon-pathway’. Training of advisors have started
  - **Science**: Carbon unit quantification system for verification under development (Fig. 3)
  - **Decision-makers**: theme well-noted in the new government programme and during Finland’s presidency of the Council of the EU (2019)
  - **Companies**: the biggest dairy in Finland Valio has, together with BSAG, started carbon farming training for their dairy farmers. Other major food chain companies also on the platform

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The platform contains several funders:

- [Business Finland](https://www.businessfinland.fi/)
- [Sitra](https://www.sitra.fi/)
- [Sitra](https://www.sitra.fi/)
- [Finnish Environment Institute](https://www.syke.fi/)
- [Edenred](https://www.edenred.com/)
- [BSAG](https://www.bsag.fi/)
- [Carbon Action](https://www.carbonaction.org/)

**Fig. 1. Carbon Action stakeholders © BSAG**

**Fig 2. Carbon Action pilot farms © BSAG**

**Fig. 3. Carbon unit quantification system © Jari Liski / FMI**