

Study Site: Flanders

Work Progress May 2018

WP3: Stakeholder involvement

Task 3.1: Stakeholder analysis, advisory panels and involvement

- training workshop on Stakeholder participation, Newcastle, 6-7/7/2016
- 2nd (limited) Stakeholder Workshop to establish stakeholder analysis, 27/9/2016
- stakeholder analysis report, delivered on 12/12/2016

Task 3.2: Selection of CS for testing

- 1st Stakeholder Workshop, report delivered on 28/6/2016: presentation SoilCare project, brainstorming on soil threats, solutions, drawbacks and obstacles
- 3rd Stakeholder Workshop 15/5/2017, report delivered 3/7/2016
- List of selected SICS to be implemented in field trials

Task 3.3: Social factors influencing adoption

interview on factors influencing the adoption of soil-improving cropping systems, 16/6/2016

Task 3.4: Workshop to seek stakeholder feedback on preliminary findings

multi-stakeholder advisory panel meeting: to be held on 20/6/2018

WP4/5: Assessment methodology

- Soil quality indicators: inventory measurement methods used in Flanders, 3/3/2017
 - Feedback on Monitoring Plan, 29/1/2018

WP7: Policy analysis

- Policy inventory: delivered on 31/10/2017.
- Policy interview (Martine Swerts): 8/11/2017, analysis delivered on 11/1/2018.
- Policy interview (Dirk Coomans): 16/11/2017, analysis delivered on 11/1/2018.
- Policy interview (Hilde Vandendriessche): 7/12/2017, analysis delivered on 11/1/2018.
- Policy interview (Toon De Keukelaere): 13/12/2017, analysis delivered on 15/1/2018.
- In-depth Policy Analysis: delivered on 1/2/2018.

WP5: Field trials & monitoring

Organic soil amendments: trial with 6 treatments and 4 replications, laid out in strips

- control without fertilization and with only mineral fertilization
- application of VFG compost, wood chips or solid pig manure with or without lava grit Implementation:
- sampling and analysis of organic amendments: 6/10/2017
- general soil sample (basic analyses: texture, C%, pH, P, K, Na, Ca): 16/10/2017
- application of organic amendments: 20/10/2017



- control: conventional tillage
- non-inversion tillage
- strip-till in living or destroyed rye cover crop
- undersowing of grass

Implementation:

- general soil sample (basic analyses: texture, C%, pH, P, K, Na, Ca): 16/10/2017
- sowing of cover crop: october 2017
- destruction of cover crop and ploughing: april 2018
- sowing of maize: 9/5/2018

Demonstration of novel crops

- control: winter wheat
- perennial wheat (experimental seeds)
- protein crops: soybeans, winter field beans, lupins

Implementation:

- general soil sample (basic analyses: texture, C%, pH, P, K, Na, Ca): 16/10/2017
- sowing of winter crops (wheat, perennial wheat, field beans): 16/11/2017





Demonstration of controlled spraying traffic Implementation:

- farmers field
- RTK-measurement of fixed spraying tracks: 6/9/2017
- penetration resistance measurements in & outside tracks: 6/9/2017

WP8: Dissemination

- Interview on PlattelandsTV: 17/3/2016
- Website BDB Soilcare: 22/3/2016
- SoilCare and World Soil Day News release on website BDB: 1/12/2016
- Translation and publications of the first SoilCare newsletter: 24/4/2017 Presentation of SoilCare on farmers meeting Leve(n)de Bodem: 22/8/2017
- Presentation of SoilCare on Compost Event (long-term trial): 19/9/2017

- Stakeholder Workshop exit questionnaire on dissemination: delivered 20/9/2017
- Article in professional newspaper: 27/11/2017
- Press Release on World Soil Day News release on website BDB: 6/12/2017
- Press Release on World Soil Day News release in VILT (Flemish Information Center for Agriculture and Horticulture): 6/12/2017
- Interview with professional newspaper: 12/3/2018
- Open Field day SoilCare: 20/6/2018

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- SoilCare film: 28/6/2018
- Multiple dissemination activities related to the long-term experiments

The **SOILCARE** project is a 5 year project aimed at identifying and evaluating promising soil improving cropping systems and agronomic techniques increasing profitability and sustainability across scales in Europe. The SOILCARE project consortium consist of 28 partner institutes from 10 European countries The SOILCARE project is coordinated by ALTERRA, Wageningen UR, The Netherlands. • Starting date: March 1st 2016. • Ending date: February 28th 2020. • EU contract number: 677407



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