



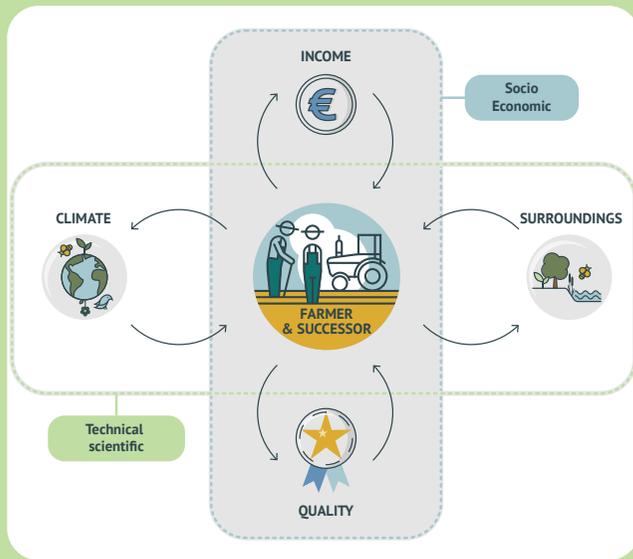
What are we doing in the Flemish Ardennes?



Agriculture is facing the challenges of the future head on!

6 core themes:





NBRACER in the Flemish Ardennes

From 2024 to 2027, the Flemish Land Agency (VLM) is conducting a pilot agricultural guidance study with the support of the European NBRACER project.

Based on the insights gathered, a list was made together with regional stakeholders of the main barriers and enablers related to **soil care in the Flemish Ardennes**.

This list not only looked at theoretical issues, but also focused on **region-specific practical aspects**. Some of the insights can be found on the following pages.

Curious to learn more?

Come and find out more at our information markets organized in collaboration with the Flemish Ardennes Landscape Park!

The first one will take place on **Friday, March 13** at the OLV La Salettekerk Maarkedal. See you there!

Link to register: <https://forms.office.com/e/7ZBEHaLhrm?origin=lprLink>



How can we better control weeds?

It is clear that there is still a lot of uncertainty about the influence of soil care on weeds. Together, we are trying to combat weeds without increasing the pressure on the environment.

We recognize the importance of assessing weed pressure at different stages of cultivation. Weed pressure during cultivation can differ significantly from weed pressure during seedbed preparation and after cultivation. Weed pressure is complex and requires truly intelligent, customized solutions ...



How can we enhance grasslands in terms of landscape and economy?

Grasslands and small landscape features (KLE's) are important for the natural value of the region. Grasslands provide good protection against erosion. Yet today, many grasslands are still being plowed up ...



How can we implement climate-friendly measures on farms?

Our study examined the climate impact of the farms. The FARMDESK tool was used for this purpose. The importance of grass clover and green manure should not be underestimated in further reducing our emissions. Just as we should not underestimate the importance of caring for the soil and ensuring sufficient vegetation cover in order to make us more resilient to climate change ...



How can we work together to significantly improve erosion so that we create a WIN-WIN situation for the entire region?

It has been established that the region and local agriculture have much to gain from non-inversion tillage to reduce erosion and keep the fertile topsoil in place!

The impact on erosion in the fields was quickly and even visually observed by many ...



How can we build up more carbon in our soils?

After several years of non-inversion tillage, the upper layers in the upper fertile horizon will contain more carbon than the underlying layers in the same horizon. This difference will increase over the years.

More carbon in the upper layers can, among other things, improve the surface infiltration rate and reduce puddle formation ...

Without changes in approach, no general increase in carbon is expected with fertilization using only non-inversion tillage. We need more than that ...



How can we use our time as farmers in a thoughtful and efficient way?

The time saved by implementing soil care and the resulting reduction in fuel consumption proved to be significant benefits for farmers. More research is needed to determine the extent of this effect and how soil care can make free time for other things ...