

Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming



# One gram of soil can contain up to 10 billion organisms

10 soil facts | Soil Association. (n.d.). <https://www.soilassociation.org/causes-campaigns/save-our-soil/10-soil-facts/>



smartcarbonfarming.nweurope.eu

Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming



# Soils store more carbon than the atmosphere and all of the world's plants and forests combined

10 soil facts | Soil Association. (n.d.). <https://www.soilassociation.org/causes-campaigns/save-our-soil/10-soil-facts/>



smartcarbonfarming.nweurope.eu



Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming

# Only about 1% of the microorganisms found in soil have been identified so far

10 soil facts | Soil Association. (n.d.). <https://www.soilassociation.org/causes-campaigns/save-our-soil/10-soil-facts/>



smartcarbonfarming.nweurope.eu

Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming



# Healthy soil can help to prevent floods and mitigate the effects of drought

10 soil facts | Soil Association. (n.d.). <https://www.soilassociation.org/causes-campaigns/save-our-soil/10-soil-facts/>



smartcarbonfarming.nweurope.eu



Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming

# One hectare of healthy soil contains 15 tons of organisms, equivalent to the weight of 20 cows

DeMarco, J. (2016, December 20). 10 Facts about Healthy Soil. Food Tank.

<https://foodtank.com/news/2016/12/10-facts-healthy-soil/>



smartcarbonfarming.nweurope.eu

Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming

# 95% of food production relies on healthy topsoil

10 soil facts | Soil Association. (n.d.). <https://www.soilassociation.org/causes-campaigns/save-our-soil/10-soil-facts/>



smartcarbonfarming.nweurope.eu



Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming



# Healthy soil with high organic matter can store 20 times its weight in water

DeMarco, J. (2016, December 20). 10 Facts about Healthy Soil. Food Tank.  
<https://foodtank.com/news/2016/12/10-facts-healthy-soil/>



smartcarbonfarming.nweurope.eu

Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming



# Every minute we lose the equivalent of 30 football pitches of fertile soil

10 soil facts | Soil Association. (n.d.). <https://www.soilassociation.org/causes-campaigns/save-our-soil/10-soil-facts/>



smartcarbonfarming.nweurope.eu



Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming



# It takes 2,000 years for natural processes to make 10 centimeters of fertile soil from bedrock

DeMarco, J. (2016, December 20). 10 Facts about Healthy Soil. Food Tank.

<https://foodtank.com/news/2016/12/10-facts-healthy-soil/>



smartcarbonfarming.nweurope.eu

Interreg



Co-funded by  
the European Union

North-West Europe

Smart Carbon Farming



# Sustainable soil management has the potential to produce up to 58% more food

DeMarco, J. (2016, December 20). 10 Facts about Healthy Soil. Food Tank.

<https://foodtank.com/news/2016/12/10-facts-healthy-soil/>



smartcarbonfarming.nweurope.eu