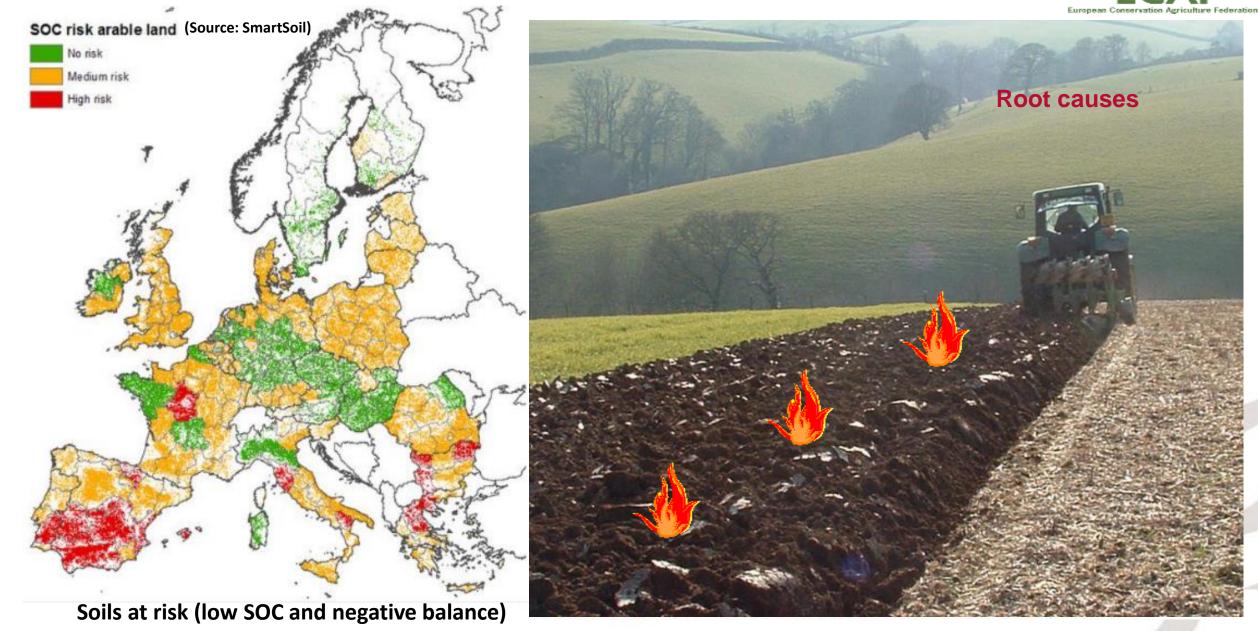


Some facts and figures:



- > Soils are the second largest terrestrial carbon pool (3.1 times atmospheric carbon)
- > Organic soil carbon contains around 3 times the carbon of living plants and animals together
- > Soil carbon sequestration is necessarily plant-mediated:
 - > The more biomass produced the higher the CO₂ removal from the atmosphere
 - > Soil carbon only accumulates if mineralization of this biomass is lower than its addition
- > In general, Agriculture continues mining soil organic carbon instead of its sequestration
- > Each ton of soil organic carbon lost corresponds to around 1200 litres of fuel burnt

GHG emissions from Agriculture and Soil organic carbon depletion ECAF



EIP Focus Group: Good practices and recommendations ECAF

- > Keeping the soil covered: cover crops, winter crops and intercropping
- > Return of locally produced biomass: organic amendments
- > Conservation agriculture: reduced tillage
 - Minimum soil disturbance
 - Permanent organic soil cover (crop (pruning) residues, cover crops, etc.)
 - Plant/species diversity and crop rotation
- > Raising awareness on benefits of soil carbon in agriculture & ecosystem services
- > Local adaptation strategies to increase or maintain the content of C in soils

