

Fair of the "4 per 1000" International Initiative -
**Nature-based solutions for soils regeneration
towards the circular economy**

May 18th, 2021, Online

EU GREEN WEEK 2021 PARTNER EVENT

ZERO #EUGreenWeek
POLLUTION
for healthier people and planet

Edafotec

Nature based Solutions

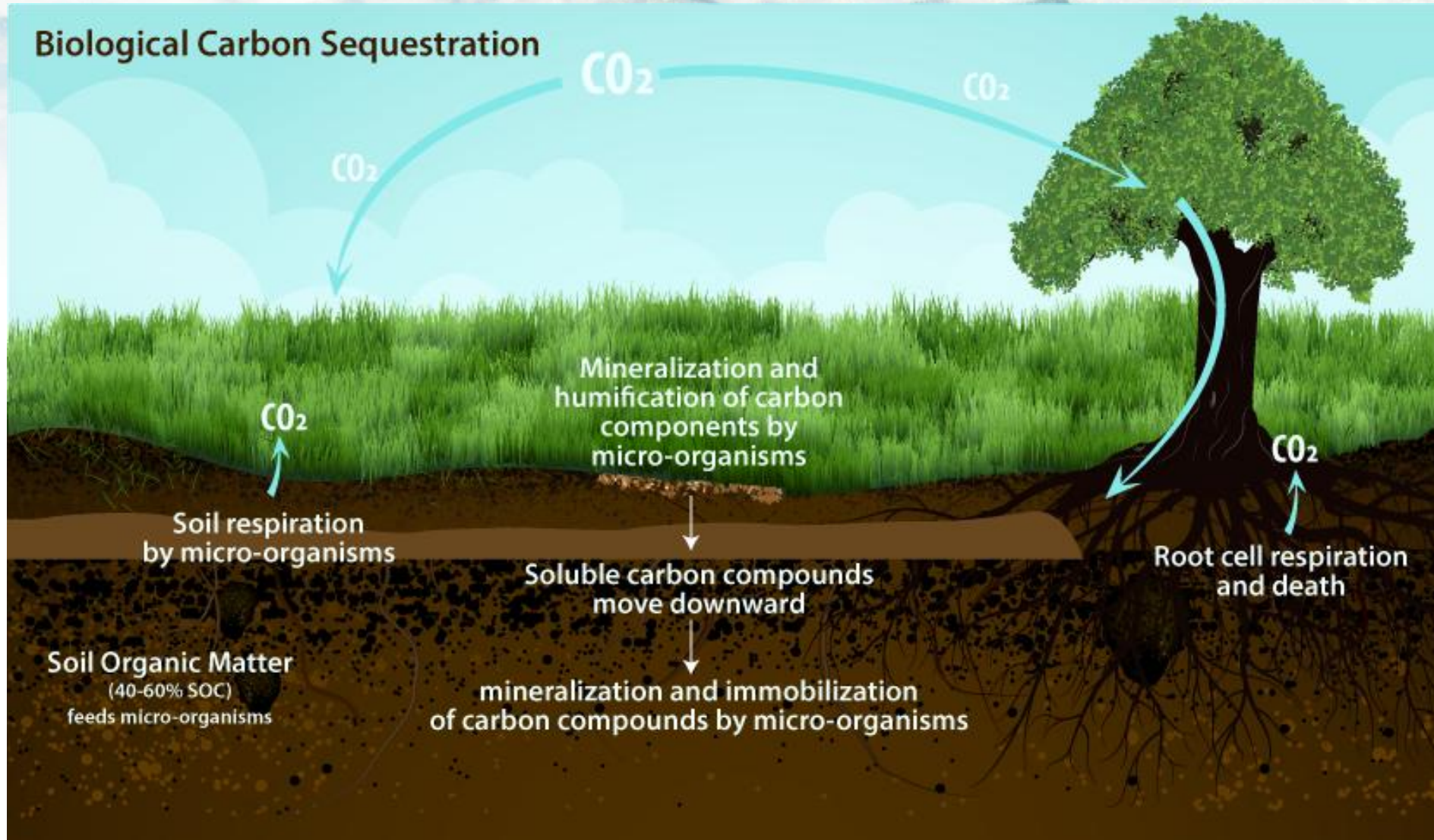


European
Commission

Soil degradation & pollution



Soil carbon sequestration



calrecycle.ca.gov

Artificial soil – What is it?

- Technical origin (> 30% artefacts).
- Tailor-made soils: made with residues



Natural soil



Artificial soil

General benefits of using artificial soils

- ✓ Fulfill the required soil functions
- ✓ Stabilizing organic matter
- ✓ Reducing excessive acidity or alkalinity
- ✓ Modifying undesirable redox conditions
- ✓ Having the desired physical structure
- ✓ Immobilizing metals and other potential contaminants
- ✓ Increase or reduce water residence time, filters



Terra Preta, Amazonia

How are they produced?

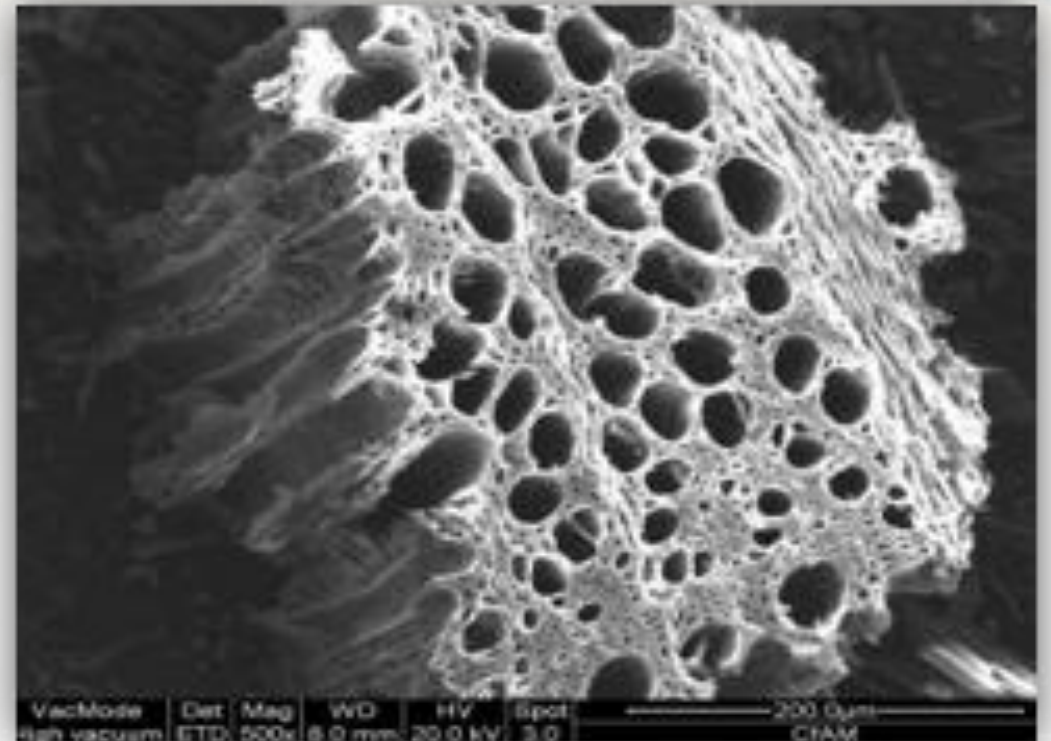


How are they produced?



Complementary Technologies

BIOCHAR



Complementary Technologies

SOIL BACTERIA



What is EDAFOTEC?

Private Company using **technologies** with **tailor made solutions**

