

EDAFOTEC

Solutions from problems



Compost vs Artificial soil



Organic wastes (e.g. food wastes, manure)



Elaboration



Compost



Organic wastes



C&D wastes



Biochar



Elaboration

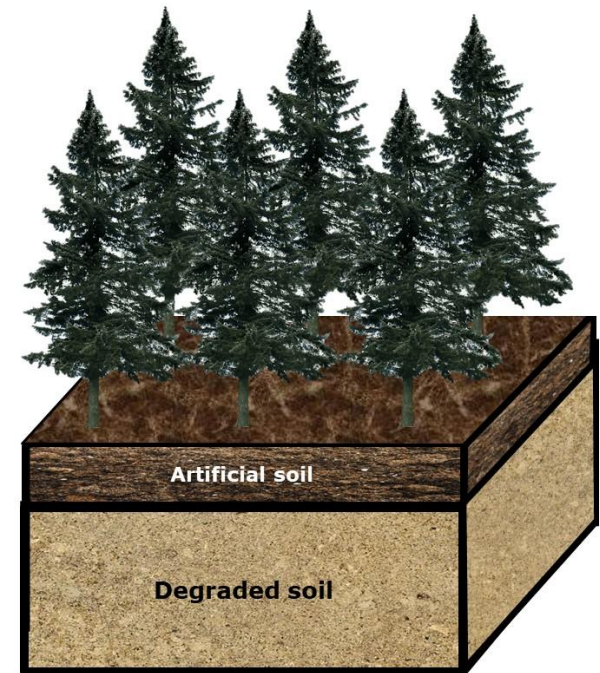
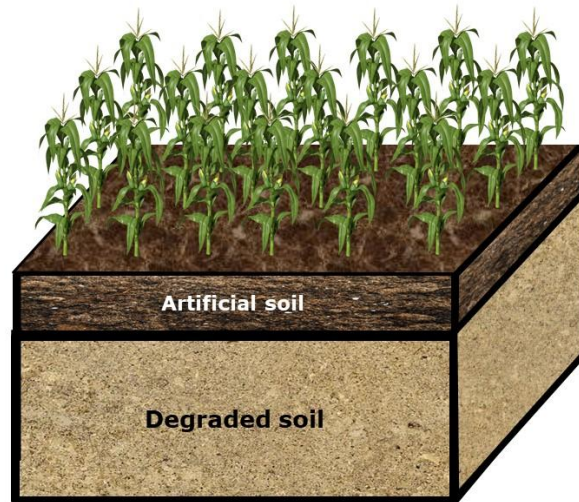
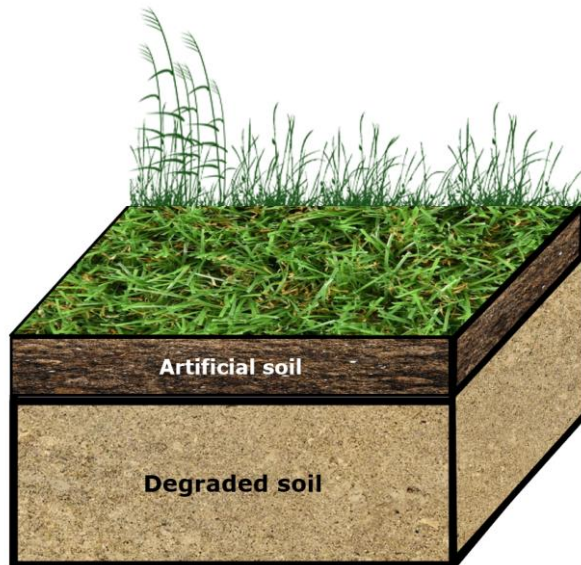


Artificial soil

Artificial soils: agricultural and forestry application

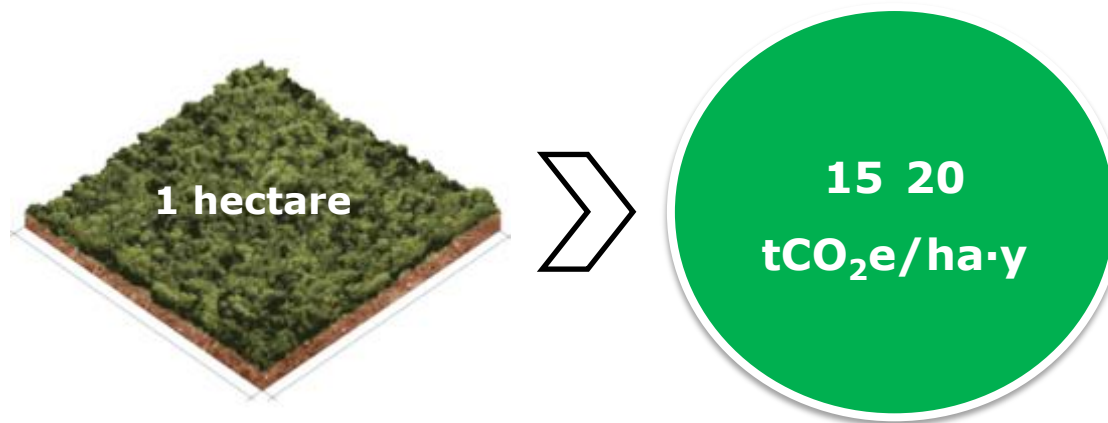
Tailor made artificial soils are applied over the target soil surface. Eventually, they are mixed with the surface horizon.

They can be applied to different kind of agricultural crops and forest plantations.



Carbon Sequestration with Artificial Soils

Artificial soils are **net carbon sequestrators** as they are elaborated with wastes. Its application within 1 ha can sequester between 15-20 tCO₂e/ha every year.



If we add to that the **removal of landfill waste** and **the increase in plant production per hectare**, the flow of carbon credits could be multiplied 3x- 4x compared to a traditional reforestation project. In agricultural production, using artificial soils, carbon sequestration will also be significantly higher compare with business as usual.