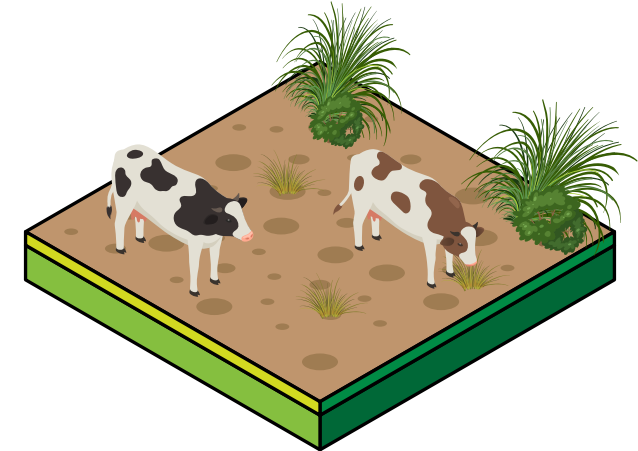


Degraded land

1



2

Planting of trees with pioneer species



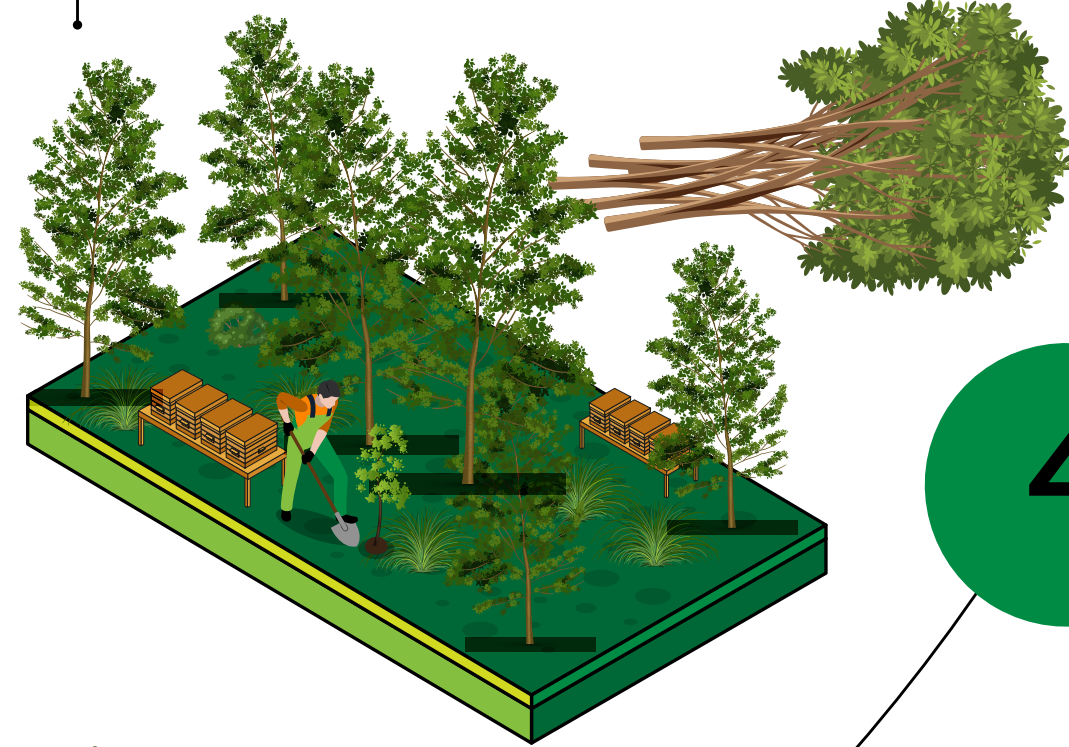
3

Native tree emergence



4

Thinning and additional planting of native trees



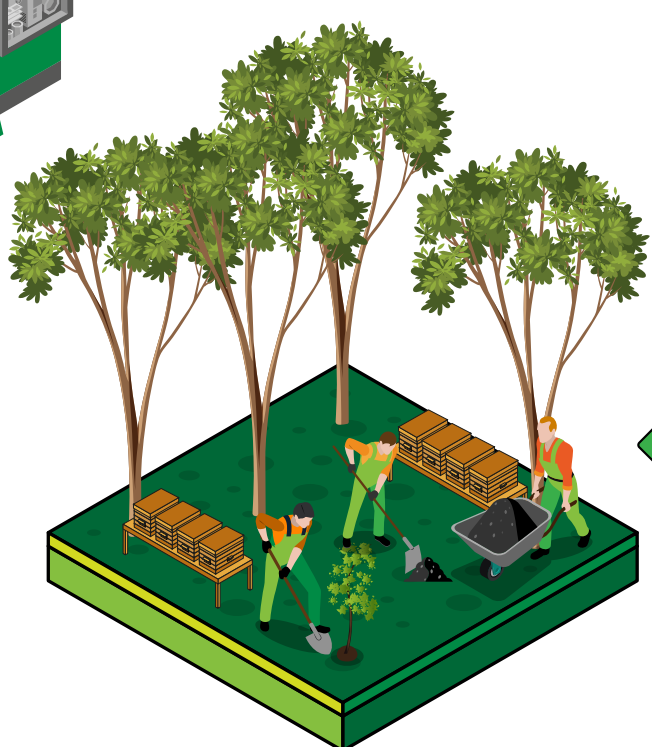
5

Biochar planting



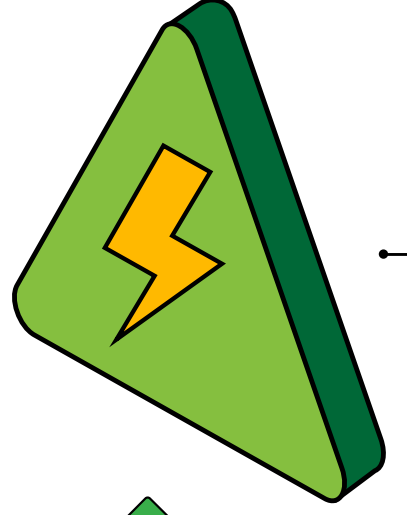
6

Incorporation of Biochar into the soil



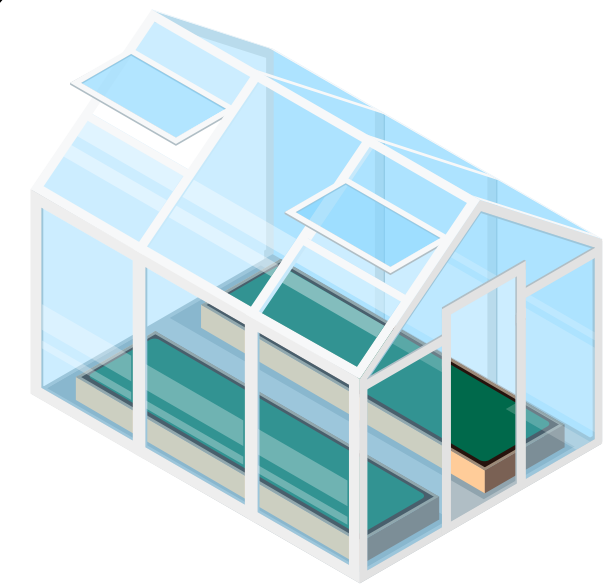
8

Electricity generation



9

Microalgae and Spirulina Production



Degraded land

Food / Localfood security



Spirulina

Biofertilizer production



CO2

Use of Biochar reduces the use of chemical fertilizers



CO2

CO2 capture and Environmental Offsets

Office



House



Biochar pulverizing mill



Gas in cylinders for cooking



Gas for pyrolysis furnace



Installation of apiaries to facilitate pollination



Biogas



CO2 leftovers from pyrolysis



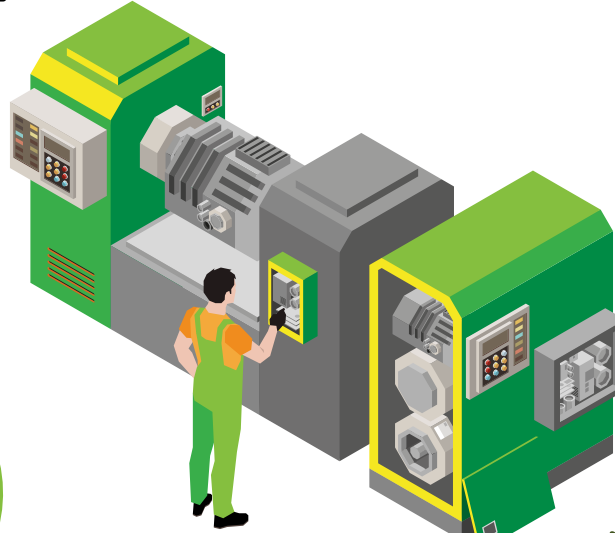
CO2

Biochar



Stable CO2 Capture over 100 years

Electricity production



Electric Plant