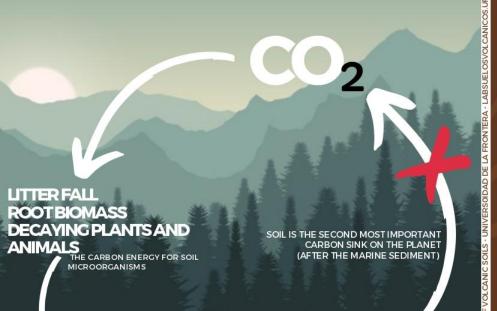
SOIL CARBON SEQUESTRATION

## THE SOLUTION UNDER OUR FEET



## SOIL CARBON SEQUESTRATION

THE FIRST TERRESTRIAL CARBON SINK
AFTER MARINE SEDIMENTS AND OCEANS



## CLAYS

CLAYS MINERALS: FINE
PARTICLES PLAYING A
KEY ROLE IN NUTRIENT
RESERVES AND
ORGANIC MATTER
PROTECTION AGAINST
DECOMPOSITION



PLANT LITTER, ROOTS BIOMASS AND GUNFAL TISSUES TRANSFORMED BY SOIL MICROOR GANISMS



The main gas producing the greenhouse effect



of organic Carbon stored in the soil



 of volcanic soils accumulating 4 million tons of Carbon



Volcanic soils sequester Carbon

20 TIMES MORE

than non-volcanic soils



Without the control exercised by the soil, over

Trillion tons

of carbon per year could be released into the atmosphere

:77 000 000 000

;77.000.000.000.000! kilos per year W00000W!



BACTERIA AND FUNGI

DECOMPOSER OF SOIL