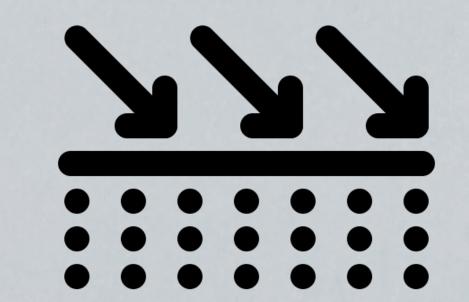
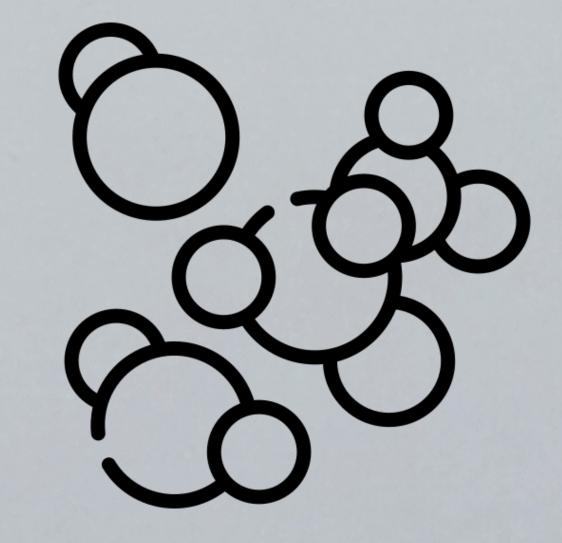


Sustainable filament that helps to reduce CO2 and harmful gases by

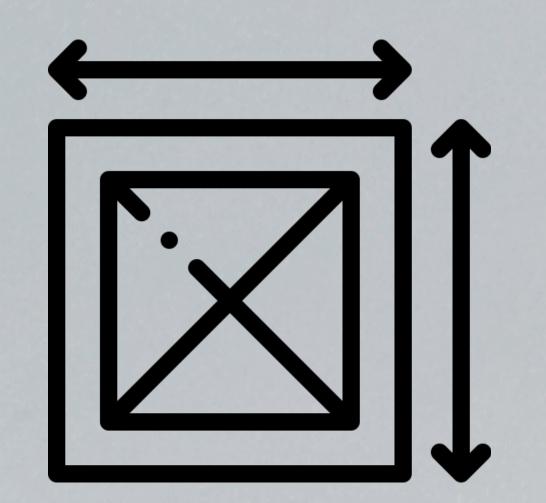


The reaction that takes place is a surface adsorption that eliminates **VOCs and generates inert** microparticles. These detach from the surface leaving it free to continue the adsorption process continuously.

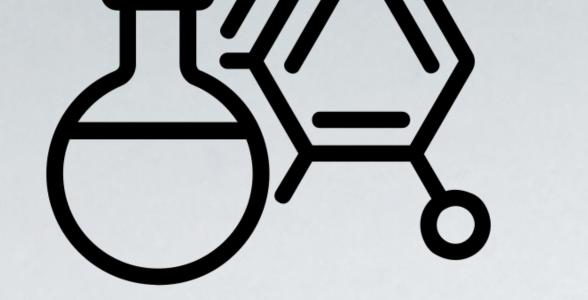
## purifying the environment.



Adsorbs CO2, NOx and **VOC's and converting** them into harmless mineral waste through gas mineralisation.

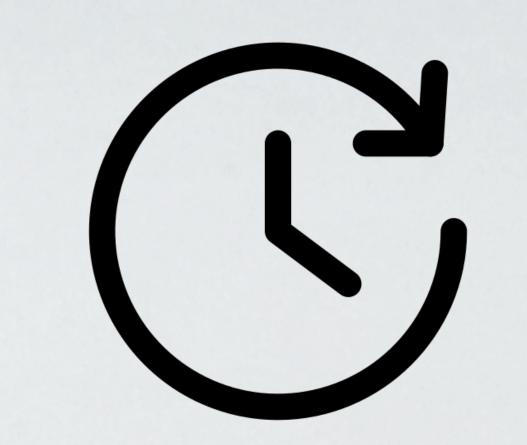


The effect is superficial, the larger the printed surface, the greater the adsorption capacity (this geometric pattern will adsorb more than a smooth one).

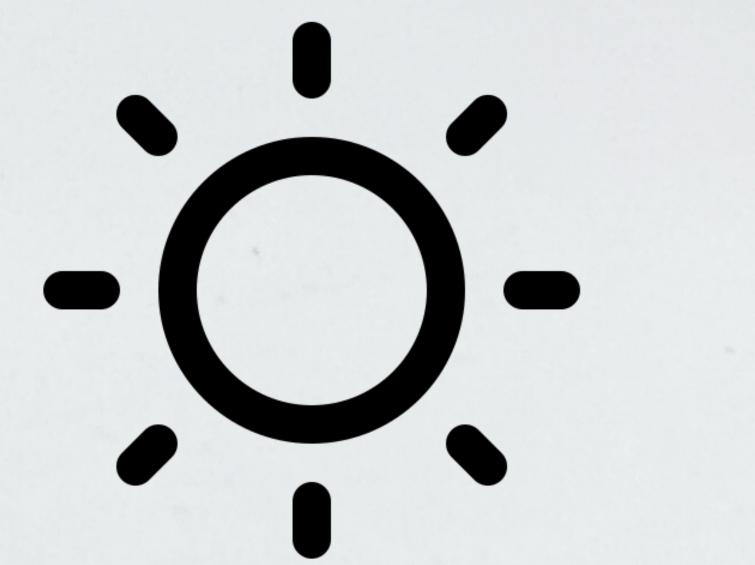


Additive with a mineral compound (smart particles) that performs the catalytic reaction of VOC's elimination on the surface of the printed part.

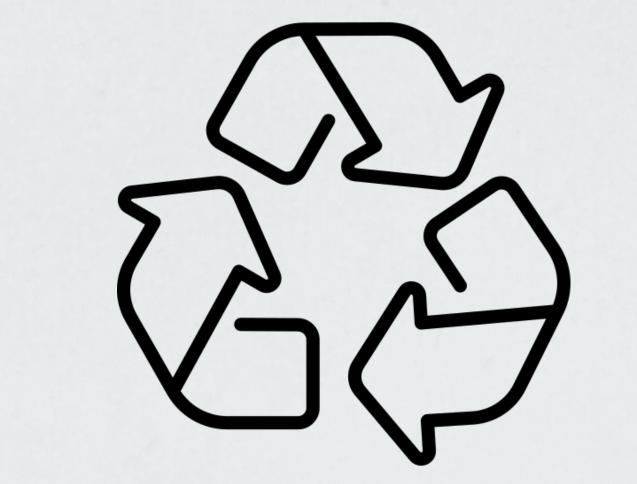




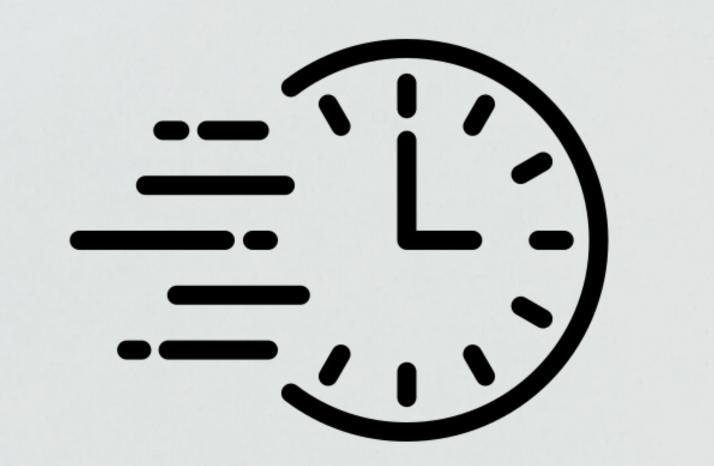
The effects of the reaction of the adsorption of Volatile Organic Compounds (VOC's), CO2 and NOx last indefinitely through the printed part.



## The material comes into contact



with UV rays from sunlight and H2O from ambient humidity to immediately produce the reaction of the catalysis and photocatalysis processes.



It can be recycled while maintaining all its properties permanently after the recycling process.

As soon as the part is printed, the reaction is already running. It is not necessary to activate or do anything at all. Its effects occur automatically and naturally.

**Flowerpot printed with PLA Purifier**