

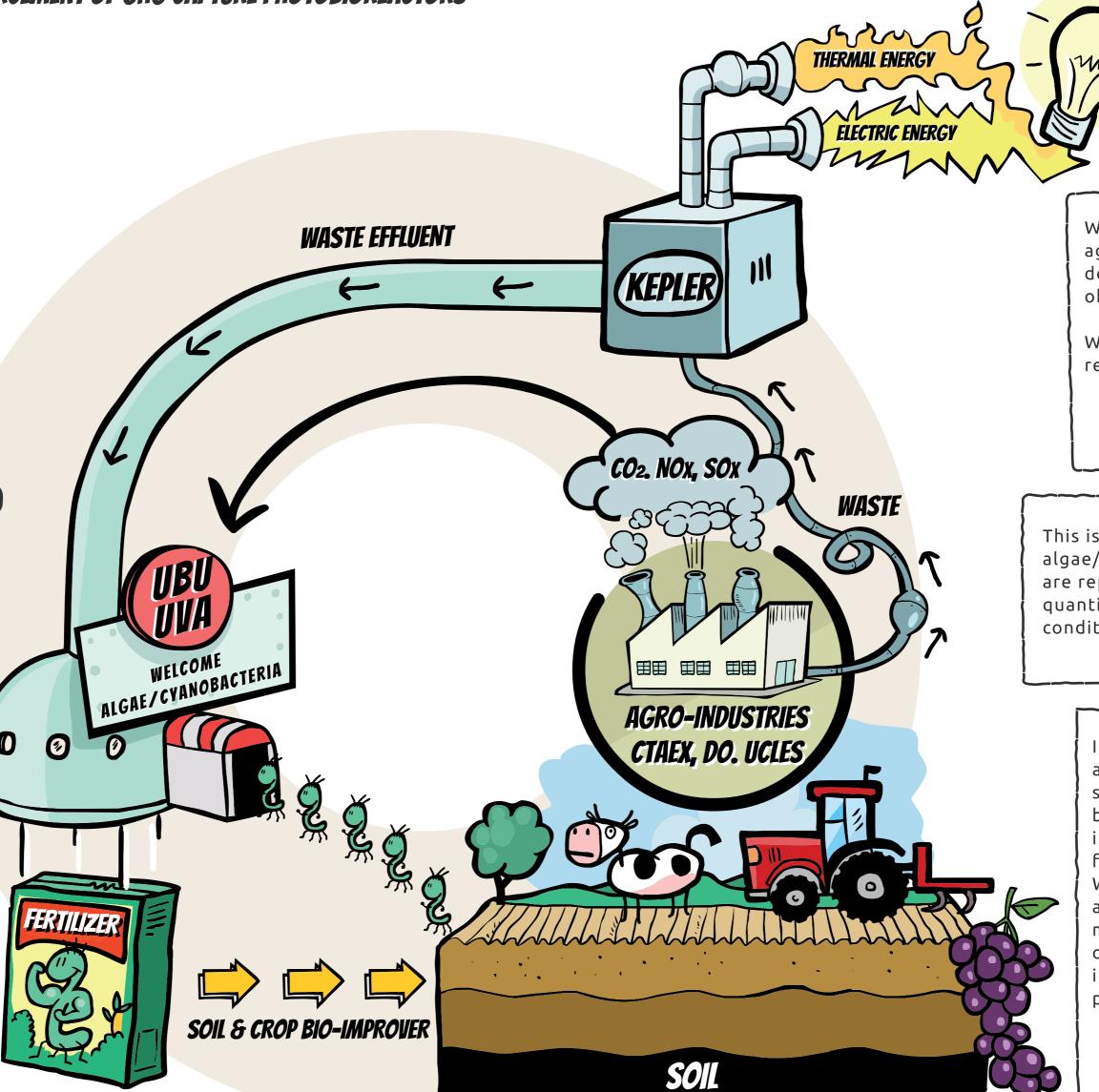
LIFE + INTEGRAL CARBON

DEVELOPMENT AND GLOBAL ENFORCEMENT OF GHG CAPTURE PHOTOBIOREACTORS IN AGROINDUSTRIAL ACTIVITIES.

Algal/cyanobacterial production uses the effluent obtained from waste treatment as well as the gases emitted in agro-industries; these waste streams are fixed and transformed into new algae.

When the maximum growth of algae/cyanobacteria is reached we apply this natural bio-fertilizer to soils, reducing the need for mineral fertilizers.

With this algal/cyanobacterial bio-fertilizer we are able to reduce greenhouse gases produced in agroindustries and the dependence on agricultural mineral fertilizers, closing the cycle of nutrients which have been extracted from soil to obtain raw materials.



Wastes generated in agro-industries are derived from materials obtained from the soil.

We transform these residues into energy.

This is done by isolating soil algae/cyanobacteria which are reproduced in large quantities under controlled conditions in tanks.

In soils, there are algal/cyanobacterial species which produce beneficial organic and inorganic compounds for crop production. Why not increase the abundance of these microorganisms to obtain a better soil and increase its productivity?