

Isomorph srl and the beach wrack

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We developed a simple and economic solar thermal device, efficient also at northern latitudes, the Linear Mirror. It can be used to dry or roast biomass



And a very simple gasifier for all kinds of dried or slightly roasted biomass avoiding the 70% inefficiency of traditional bio char production.

Seagrass is difficult to inflame – if we can gasify seagrass, we hope to gasify all kinds of “waste” biomass.

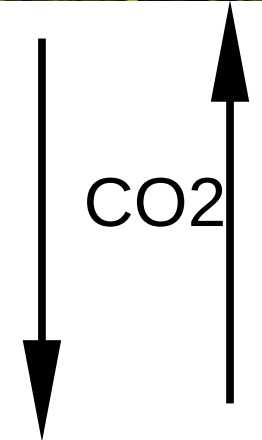


High temperature radiation



natural closed cycle of life

Theoretically,
The heat from the compost pile
could be used for heating
buildings



Universe



low temperature radiation



compost



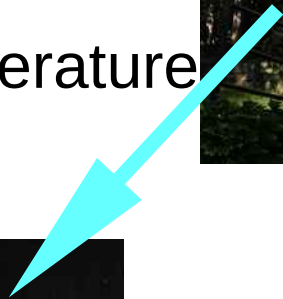
High temperature radiation



Our technologies can be inserted into the natural closed cycle of life, without disturbing it.

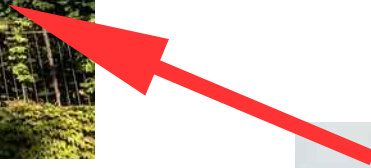


low temperature radiation

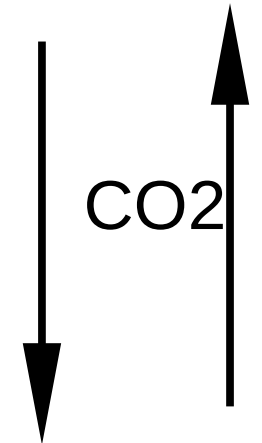


Universe

high temperature thermal energy



gasifier



With 2 tons of seagrass

you can substitute 1 ton of fossil oil = 250 Euro
and avoid the production of 2 tons of CO₂

or

produce 1 ton of compost = 20 Euro
and avoid the production of 0 tons of CO₂