

Liquid manure oxidation

Oxidation of organic material, a common, natural phenomenon, governs life and does not produce waste.

The goal of biological oxidation is to produce natural, organic fertilizer.

Transforming waste into usable material is extremely profitable.
It creates clean air, water, and nutrition.

Keeps the air clean, no harmful emissions.
Balance of oxygen (O_2) and carbon dioxide (CO_2) **controls global warming.**

Oxidation of organic material is FUNDAMENTAL TO LIFE

Positive material balance:

Very small nutritional losses
Nitrogen is fixed and phosphorous doesn't dissolve into the water system.

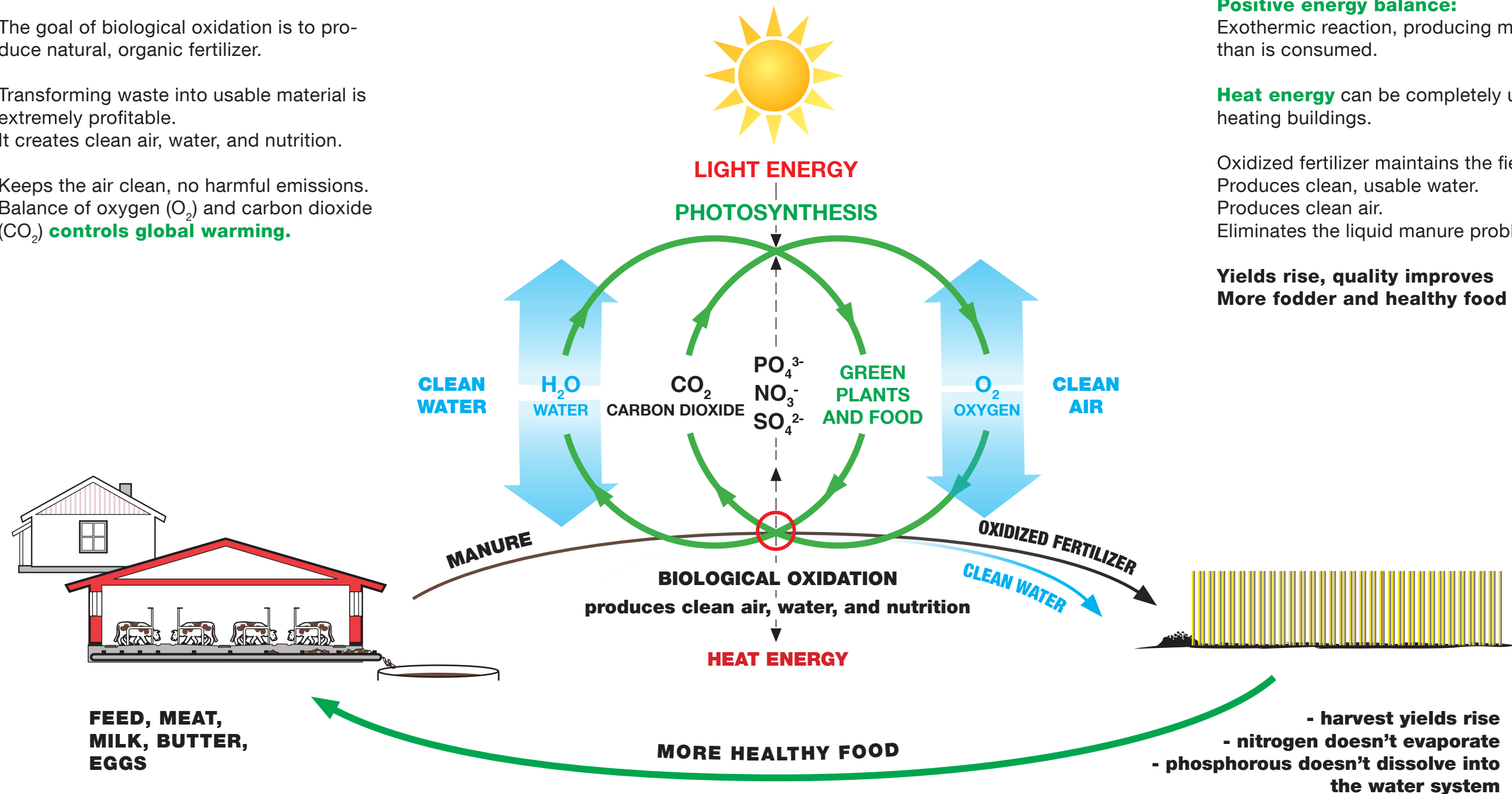
Positive energy balance:

Exothermic reaction, producing more energy than is consumed.

Heat energy can be completely utilized for heating buildings.

Oxidized fertilizer maintains the fields.
Produces clean, usable water.
Produces clean air.
Eliminates the liquid manure problem.

Yields rise, quality improves
More fodder and healthy food



BIOLOGICAL OXIDATION (organic fertilizer production)
=> slows down global warming
=> increases yields
=> eliminates liquid manure problems
=> **Positive mass and energy balance => Economically and Ecologically profitable**