

# How does ecosan system work ?

**ID CARD of fecal material**

- PRODUCTION PER PERSON: 50 kg / year which contains 1 kg of plant nutrients (NPK\*)
- HIGH LEVEL OF PATHOGEN: 1g fresh fecal contains 10 millions viruses, 1 millions bacterias, 1000 parasites cysts, 100 worm eggs

\* NPK nitrogen, phosphorus, potassium

**ID CARD of Urine**

- PRODUCTION PER PERSON: 450 L / year which contains 4 kg of plant nutrients (NPK\*)
- NO PATHOGENS: sterile

Consumption of the products



Improving of the growing of comestible and non comestible plants



After storage, the humus is removed and ready to be used in the field. Fertilizer from Ecosan toilet don't smell and look like soil.

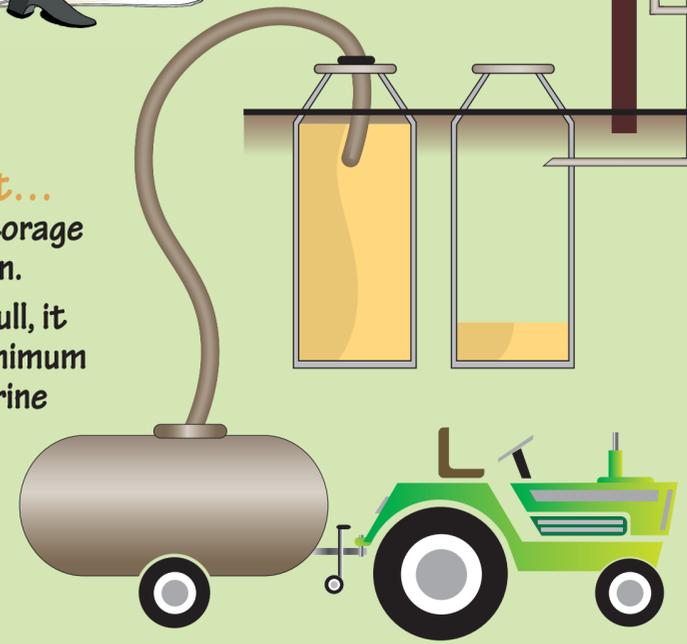
Urine is used as natural fertilizer being diluted or not diluted with water.



Under your feet... 2 urine tanks for storage and sanitization. When one tank is full, it will be closed for minimum 6 months for urine sanitization.

Under your feet... 2 fecale chambers for storage and hygienization. In 2 years one chamber is full. Then it is closed again for 2 years: storage, aeration and dryness will kill all pathogens and transform the fecale material into humus.

Chamber' emptying



Urine pumping

Ocroțește apa • prețuiește sănătatea ta



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