



Ecological sanitation or ecosan is a form of sanitation which separates urine and faeces. It considers reuse of water and nutrients found in human waste.

The Urine Diverting system provides clean, economic and closed cycle, by which human waste is transformed into nutrients and returned back to the soil. Ecosan is used in the regions without sewerage system or lack of water supply. After proper treatment Ecosan products can be used as fertilizers.

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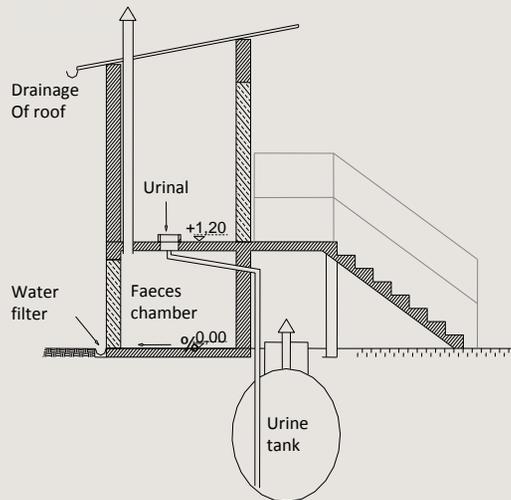


Urine Diverting Dry Toilet

Solution for safe sanitation & agriculture

Urine Diverting Dry Toilet

- *Design of the toilet provides separation of urine and faeces. Urine and faeces do not come into contact.*
- *Urine and faeces are collected in special reservoirs. Faeces are covered with soil, lime, sawdust or ashes.*
- *Urine and faeces are pretreated before application to the fields.*



It is easy to build UDDTs that are most suitable for rural areas. They are cheap and can be built and repaired with locally available materials.

Urine Diverting Dry Toilets are sustainable during floods as their reservoirs are located in safe and dry places. Hence, UDDTs are advisable for the places, where there is:

- *Lack of water, or dry or semi-dry climate conditions*
- *High level of underground water*
- *Underground water is used for drinking (wells)*
- *Less fertile soil*



Benefits of UDDT

- *Do not require a constant source of water.*
- *No problems with odors and vectors (flies) if used and maintained properly.*
- *Can be built with locally available materials.*
- *Opportunity to get big amount of nutrients.*
- *Suitable for all types of users.*
- *Do not contaminate underground and surface water recourses.*

