

URINE HARVESTING

A Resource Oriented Sanitation Approach

- Rapid Urbanisation, Population Growth and concomitant explosion of mixed domestic waste poses a huge challenge in terms of water use, waste treatment & disposal.
- New direction in sanitation is to reuse and reclaim precious nutrient resources present in human waste.
- Rapid depletion of fossil fuel sources impacts availability and cost of chemical fertilizers.
- Human Urine which contains 70% of Nitrogen, 50% of Phosphorus & 50% of Potassium of the total nutrients present in all form of household waste & waste water has potential of replacing chemical fertilizers.



The Intervention

Waterless Urinals & Urine Diverting Toilets can be installed at homes, public places, factories and institutions to harvest urine for beneficial use and to minimize water and energy consumption.



Harvest Urine for Eco restoration !

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