



SHARING
EXPERIENCES

Thanks to M. Juan Carlos Calizaya for sending us the presentation of the ECODESS system designed by Peruvian organisation CENCA - <http://www.chez.com/cenca>

Ecodess : an alternative sanitation in Peru

Synthesis

The Ecodess system collects treated waste water. It guarantees enough quality for the watering of gardens and parks.

Objective :

The ECODESS system (Ecology and Development with Sustainable Sanitation) : an ecological sanitation system from individual homes to the quarter.

Methodology :

- Each home is equipped with complete sanitation services (eco-toilet, urinary, wash basin and shower), a wash-house and a waste water collection network.

The eco-toilets take the form of a toilet bowl with a urine separator, with chambers or containers underneath for storing excreta, to which a drying agent is added.

- At the level of the quarter, a second external collection network retrieves the treated waste water from all the homes using the ECODESS system and leads it to a reservoir, which in turn is connected to an underground irrigation network for the upkeep of parks and gardens.

These graphics show the individual system and the external collection network :

