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#sanitation #water

Environmental protection through the responsible management of natural resources and the prevention and reduction of domestic organic pollution.

Structure : R.A.E. (The Ecological Sanitation Network)

The Ecological Sanitation Network (RAE) is an association dedicated to promoting the public interest in the field of sanitation. The RAE is committed to environmental conservation through the responsible management of natural resources and the prevention and reduction of domestic organic pollution.

Since 2009, the network has been working in France with public and private sanitation stakeholders to defend the universal right to access decent sanitation facilities by acting as a proponent and promoter of ecological techniques (separate treatment of graywater and excreta; household, community, and public dry toilets; vegetated systems; wood chip filters).

Based on the principle that sanitation is a process that enables people to live in a healthy environment, ecological sanitation goes further, embracing a logic of recycling biomass and nutrients as well as respecting the material cycle.

Ecological sanitation is based on the following principles:

- Reducing pollution at the source
- Reducing health and environmental risks
- Ensuring accessibility for all—culturally, socially, technically, and economically
- Empowering individuals, public and private stakeholders, and society to take responsibility for sanitation management
- Restoring the food-excrement cycle
- Reduce pressure on water resources
- Enable food self-sufficiency

To achieve this, it relies on the following concepts:

- Treating materials differently
- Treating and recovering residues
- Using techniques with a low energy footprint
- Adopting a local approach

At the heart of ecological sanitation are dry toilets.

Thus, human waste, as well as kitchen and garden waste, contribute to biomass recycling. Combined with the water cycle (rainwater harvesting, reuse of treated soapy water), the use of biomass in agriculture helps perfect the overall concept **of viewing “waste” as a resource.**

Missions

The association’s purpose, as defined in its bylaws, is to align its actions with the broader challenge of respecting natural water cycles and soil fertility. It is important for the RAE to advocate for greater public awareness of sustainable sanitation issues among the general

public, policymakers, and economic stakeholders. To this end, its objectives can be summarized as follows:

- Bring together stakeholders in ecological sanitation
- Support and assist members in their actions and projects
- Serve as a point of contact for public authorities
- Produce and share information, documents, and resources
- Rental and operation of mobile dry toilets
- Design and installation of ecological sanitation systems
- Construction, distribution, and installation of dry toilets
- Training and promotion of ecological sanitation
- Teachers and researchers
- Users

Liens

https://reseau-assainissement-ecologique.org/

Galerie d'images



