

# Nakivale Refugee Camp in Uganda faces a growing humanitarian crisis.

Overloaded sanitation puts thousands at risk of disease and environmental harm.



**Support  
now!**

## Regenerative sanitation

Composting Toilets for Dignified Sanitation and Sustainable Agriculture

### The Urgent Need

Nakivale Refugee Camp in Uganda faces a growing humanitarian crisis. While over 100,000 refugees flee the violence in eastern Congo, the overloaded sanitation puts thousands at risk of disease and environmental harm. Immediate action is needed to provide sustainable sanitation solutions.

### The Problem

800 children worldwide die daily due to diarrhea from poor sanitation. By 2030, nearly 3 billion people will lack access to toilets.

Poor sanitation costs the world \$223 billion annually. Meanwhile, 2% of global energy is used for fertilizer production. How can these problems be solved together?

### The Proposal

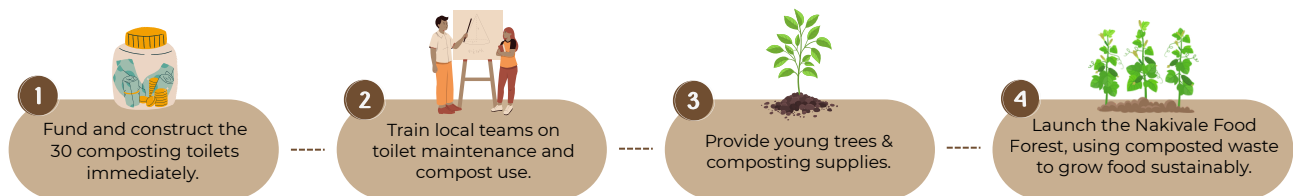
Every \$1 invested in sanitation returns up to \$9 in productivity (improved health).

Support us with 30 eco-logical composting toilets in Nakivale Refugee Camp. While they are providing hygienic sanitation for refugees, their composting can help regenerate soil and ensure food security.

## Funding Call

Our Funding Goal: € 14.000,- for 30 composting toilets & trainings (sanitation, compost making) & maintenance

### Next Steps





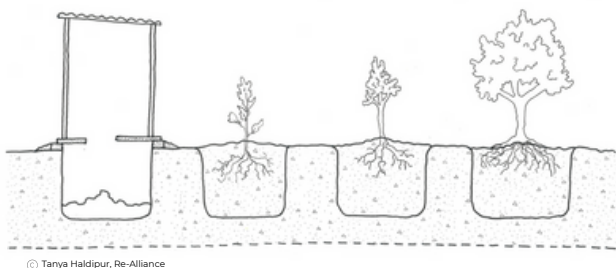
Regenerate soil and resilience with us!

### Arboloo Toilets (15 units) A Low-Cost, Eco-Friendly Option

- ✓ **Benefits:**
  - No need for water or waste removal
  - Creates fertile ground for tree planting
  - Very low cost and rapid to deploy
- ✓ **Limitations:**
  - Requires open space to rotate and re-site the toilet
  - No mobility of compost / fertiliser
  - Needs supply of young trees to complete cycle
- ✓ **How it works:** A shallow pit is dug, and a simple latrine is built over it using a movable slab. Users cover waste with soil, ash, or leaves, eliminating bad odors and flies.
- ✓ **When full:** The structure is moved to a new pit. A tree is planted on the filled pit, acting as a fertile compost mound.

### Ecosan Toilets (15 units) A Hygienic and Reusable Solution

- ✓ **Benefits:**
  - Odor-free and safe to build near living areas
  - Suitable for flood-prone or rocky areas
  - Waste can be transported and used elsewhere
- ✓ **Limitations:**
  - Higher upfront cost than Arboloo
  - Requires basic maintenance and training
- ✓ **How it works:** Ecosan toilets separate urine and feces into sealed, flood-resistant containers below the structure.
- ✓ **When full:** These containers are periodically emptied and the contents composted into safe fertiliser.



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### Impact Beyond Sanitation

Both toilet systems produce compost to support a community-led food forest — boosting long-term food security and ecosystem restoration. This integrated approach reduces dependency on food aid, empowers communities with agroecological skills and restores depleted soils and sequesters carbon for climate protection.



**Let's build resilience and dignity —  
one toilet, one tree, one crop at a time.**

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Sources  
Ecosan Guide by Re-Alliance: [https://www.re-alliance.org/\\_files/ugd/d22555\\_104e5cdfcc89449ab73de95f88d29b6e.pdf](https://www.re-alliance.org/_files/ugd/d22555_104e5cdfcc89449ab73de95f88d29b6e.pdf)  
BBC – „Uganda's Refugee Crisis: How the Country is Coping with a Growing Humanitarian Emergency" (2023)  
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re-alliance Thanks to Re-Alliance for the information material on composting toilets in refugee camps.

