



Momentum for Change: Planetary Health Category

Composting Waste Treatment: An Ecological Solution to Poverty and Climate Change

Haiti

[Sustainable Organic Integrated Livelihoods \(SOIL\)](#) is building composting toilets in Haiti, reducing the spread of diseases like cholera and typhoid, creating jobs, and restoring local environments. With their toilet service ([EkoLakay](#)), SOIL provides over 1,100 households with ecological sanitation toilets and waste treatment services. All waste is safely transformed into rich compost in a treatment process that adheres to [World Health Organization](#) standards.

Currently, this service produces over 100 tonnes of compost annually, but the amount increases concurrently with the expansion of the EkoLakay service. The compost is used to support agriculture and reforestation efforts in Haiti, ensuring nutrient recirculation and improved soil carbon sequestration. The compost also enhances environmental resilience and climate adaptation by promoting plant growth, stabilizing soils, and reducing the impact of flooding and droughts.

Key facts

- Over 1,100 households on the EkoLakay service provide over 6,500 people with access to in-home sanitation. Over 40 households are being added monthly;
- More than 40 tonnes of waste are treated monthly, resulting in approximately nine tonnes of compost each month;
- Around 1,000 people benefit from SOIL's education programmes and resources each year.

More information

Digital assets are available for download at: <http://bit.ly/mfc2018>

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