

## Compost project Egypt

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In this project methane emissions are avoided, by composting organic waste. Soil and More international has developed standards and techniques to produce high quality compost out of waste, suitable for organic and conventional farming. Through an Egyptian agricultural producing facility (Libra/Sekem), controlled microbial compost (CMC) is produced. The agricultural waste is obtained from farms, animal husbandry industries, municipalities as well as private and public organizations.

### Background

In Egypt the most common practice for disposing agricultural waste is by dumping it at municipal waste sites, dumping it in the desert or by simply burning it. The agricultural waste is organic consisting of wood, straw, coffee residues, fresh green material and manure. The problem with dumping is that the organic waste decomposes anaerobically, leading to methane emissions into the atmosphere, which is a very potent Greenhouse Gas

### Sustainable development

- The soil fertility of the degraded desert soil is improved sustainably without exposing people and nature to chemicals
- A substantial amount of the returns are re-invested into kindergartens, schools, advance training, medical healthcare, and handicapped training
- The water holding capacity of the soil is improved by up to 70%, which means more effective use of irrigation water (crucial in a desert environment)
- In addition around 100 workers are employed at the project site



### Additionality

With the help of carbon financing there is now the incentive for not dumping the waste. In effect, agricultural waste is not worthless waste anymore, but a waste with monetary value!



### Key facts about the Project

Name:	Libra/Sekem Composting Project
Type:	Methane production avoidance from biomass decay through composting
Owner:	Soil and More International BV
Location:	Sekem Farm, near Sharkia, Egypt
Emission reductions:	60,000 tCO <sub>2</sub> / y
Status:	Operational
Start:	January 2007
Standard:	CDM
Type of credits:	VERs
Validator:	Tuev Nord
VERs contracted by CNG:	60,000 / year
Portfolio	2007/08/09