Capitalizing on Sustainable Agriculture through composting
Soil & More International: founded with the aim to develop sustainable farming and soil management practices focusing in the development and management of composting projects.

Sekem: An initiative for sustainable Development
Compost Project

• Methane avoidance through aerobic composting of biomass
• Project start January 2007 (1st site), April 2008 (2nd site)
• TÜV-Nord Cert Germany verified according to “TÜV Nord Voluntary Emission Reduction Standard” based on UNFCCC methodologies AMS III.E, version 7 and AMS III.F, version 5
Compost Project

- **Nature of project:**
  organic waste such as rice straw, coffee residues, green fresh material and manure. 150 tons of such “waste” is processed each day.

- **Production capacity:**
  45000 tons of compost on each site.

- **Social impact:**
  20 full-time jobs
  60 indirect jobs for each site.

- **Emission Reduction:**
  carbon credits through methane avoidance
  Reduce about 100000 tons GHG emissions a year
Compost Benifits

1) **Shorter Turnover Time:** input materials are decomposed into a stable humus complex within only 6-8 weeks.

2) **Less turning:** monitoring and management system reduces the number of turns that saves time and fuel, and almost doubles the capacity of the compost turner and tractors.

3) **Replacing Inorganic Fertilizer:** the final Soil & More Compost contains all nutrients and micro-elements required for agricultural purposes.

4) **Saving Water:** increase the water holding capacity by up to 40%, thus saving a considerable amount of clean irrigation water.

5) **Disease Suppression:** the millions of micro-organisms present in Compost create a natural immune system for the plant eliminating the need for chemical pesticides, thus saving you money whilst protecting the environment.

6) **Emission Reduction:** can sell carbon credits
These additional revenues make compost cheaper than chemical fertilizer and feasible for land-reclamation projects.
Minya
Thank You

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