



# Composting Factory

## Karak & Wasatyah Municipality

# The main challenges

- Big number of livestock farms (poultry and cattle) operating Al-Karak and Wasattyah.
- Generating high amounts of fresh manure and organic material on a daily basis
- usage untreated manure as fertilizer or landfilling without any treatment
- environmental impact (air pollution, water pollution, bad smell, huge amount of flies & mosquitoes as well as infectious disease are very serious)



# Aims of the project

- protect environment & improve health/living conditions
- generate an revenues for the municipality & create jobs
- production of valuable products (organic fertilizers) which improves soil and helps plant growth
- reduce the amount of organic waste transported to landfill and thereby mitigate greenhouse gas emissions and leachate resulting from the decomposition of organic waste



# Planned activities:

- feasibility study & elaboration of activity plan
- receiving official approval by MoEnv
- prepare marketing strategy for compost
- preparing the composting facility & purchasing equipment
- Personal concept for operations



# The expected results

- open windrow composting facility will be operated at the pilot stage in medium scale
- Production of high quality compost to create a business model.
- Incentives and job creation to ensure livelihood opportunities for vulnerable Jordanians and Syrian refugees within the host community



# Achievements so far through WtpE project

- official approval by the Jordanian government
- feasibility study & design for the facility
- first stakeholder meetings from the agricultural sector to discuss the mechanism for the cooperation
- equipment procured and covering of work force through C4W



# Support

- Technical support
- Training and support in operation of facilities
- Support in preparing marketing concepts
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