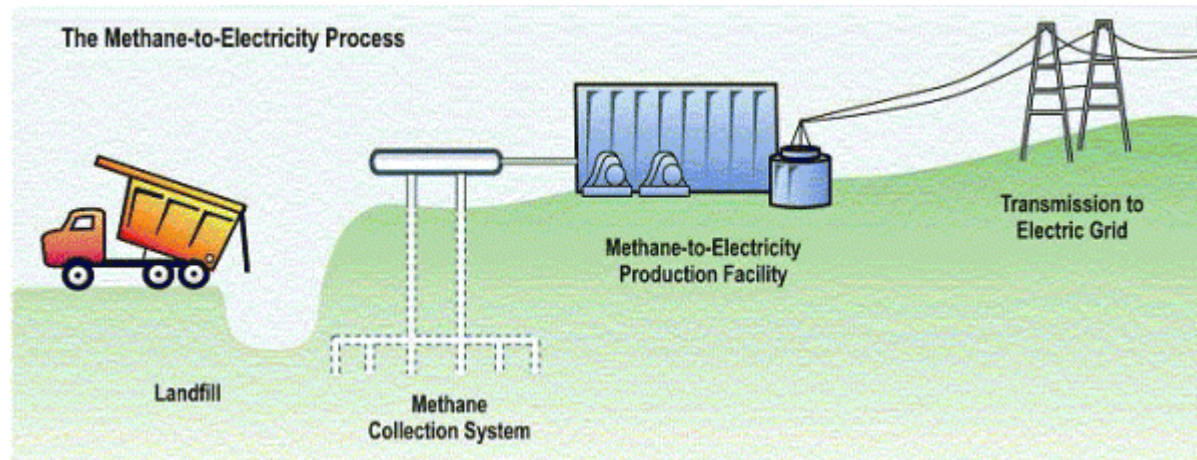




**WASTE
MANAGEMENT
SYSTEM**

Milestones of waste management programme

- Design & building of an eco-friendly waste treatment center with following components:

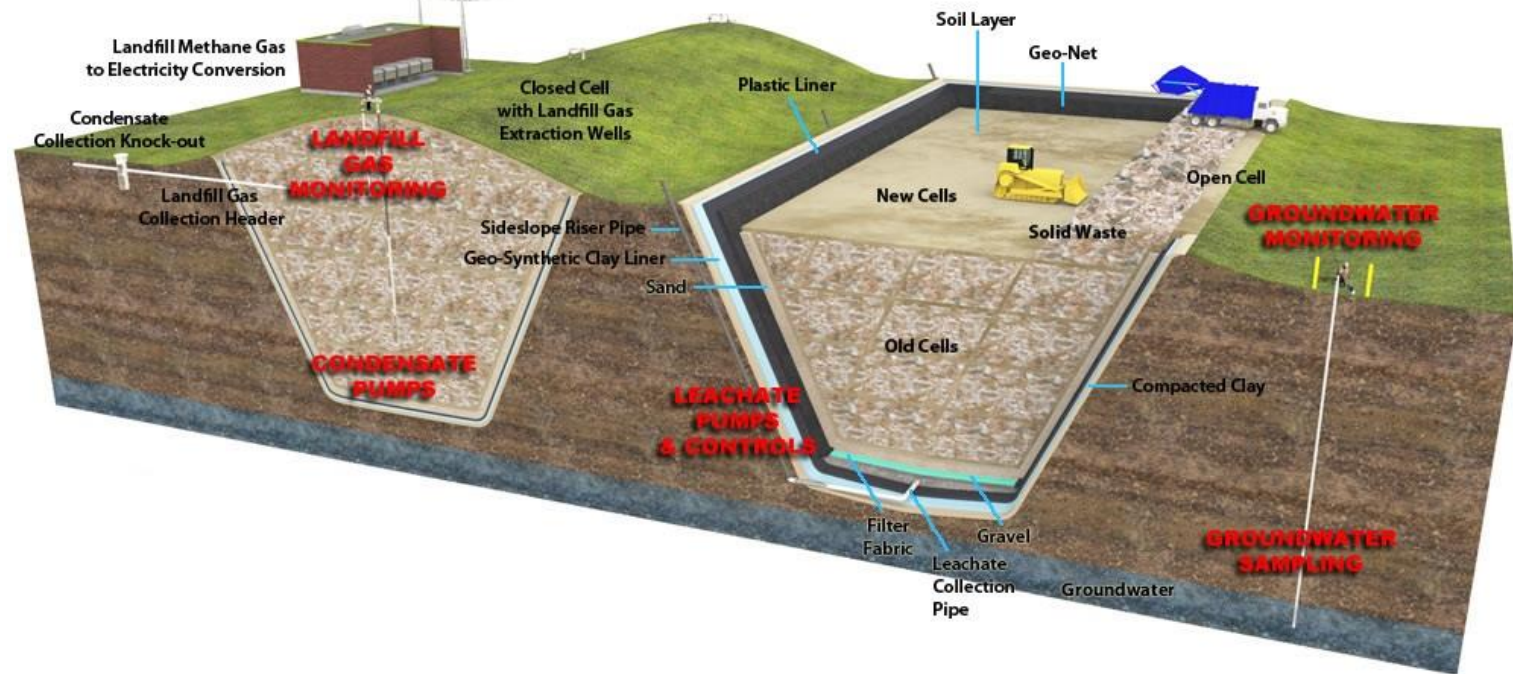




- **Secured landfill site for gathering and utilizing municipal waste from:**

- Households
- Schools
- Markets&shops
- Government and non-government institutions
- Companies and factories
- Etc.....

- Power generation unit using Methane coming from the landfilled municipal waste



- Drain water treatment unit.



○ Bio-waste treatment

- Bio-waste from e.g. slaughterhouses, public dining rooms, restaurants etc.
- Treatment method: fermentation
- Methane is produced in fermentation and can be used for generation of electricity
- Solid residues are sanitized, mixed with soil and can be added to compost or used for direct fertilizing
- The decontaminated soil from parallel processes can be used



- **Contaminated soil treatment unit.**

- Soil contaminated by biological substances
= bio-waste

- Soil contaminated by oil

- Soil contaminated by dangerous substances other than biological or oil-based
(heavy metals, radioactive elements)

- **Solar panels for powering a lighting system of the waste treatment center**

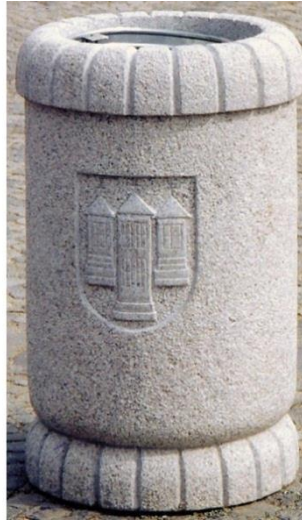




- Solutions for:

- Waste containers types
- Waste containers placement
- Logistics

Samples of waste containers



- **Training & documentation.**
- **Future development**
- **Advisory in public campaign** (schools, mosques, community centers, houses, media)
- **Sharing of an experience based on EU legislation related to waste management**

Invitation

- We officially invite you to visit our landfill facilities in the Czech Republic.
- There is a full programme prepared to let you experience how this programme works in everyday life.
- Our aim is to implement a system which will work efficiently with respecting environment and culture

Design and implementation partners

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- Stavos Brno, Czech Republic
- Hussein Business Project
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THANK YOU!