

Malta

LANDFILL MANAGEMENT IN OPERATIONAL PROGRAMME I

Current Situation

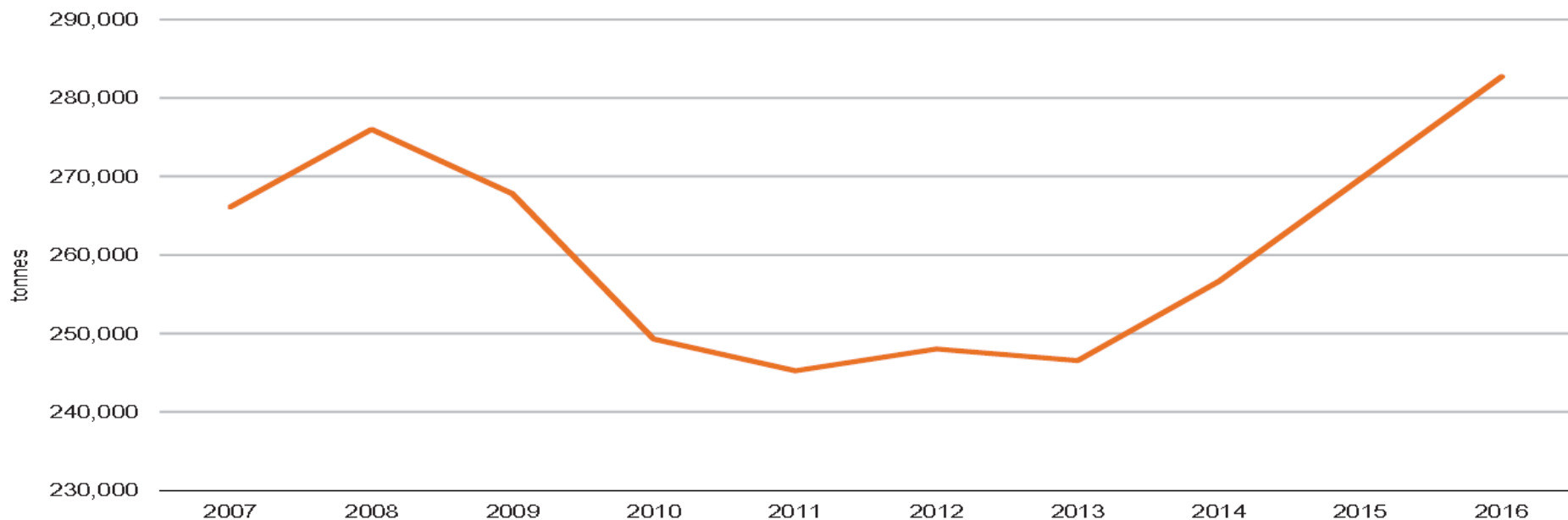
Malta has one active landfill – *Ghallis Engineered Facility* – which commenced operations in 2006.



Current Situation

Malta's waste treatment still relies on extensive landfilling and waste generation per capita is on the increase (642kg). The population is also increasing rapidly.

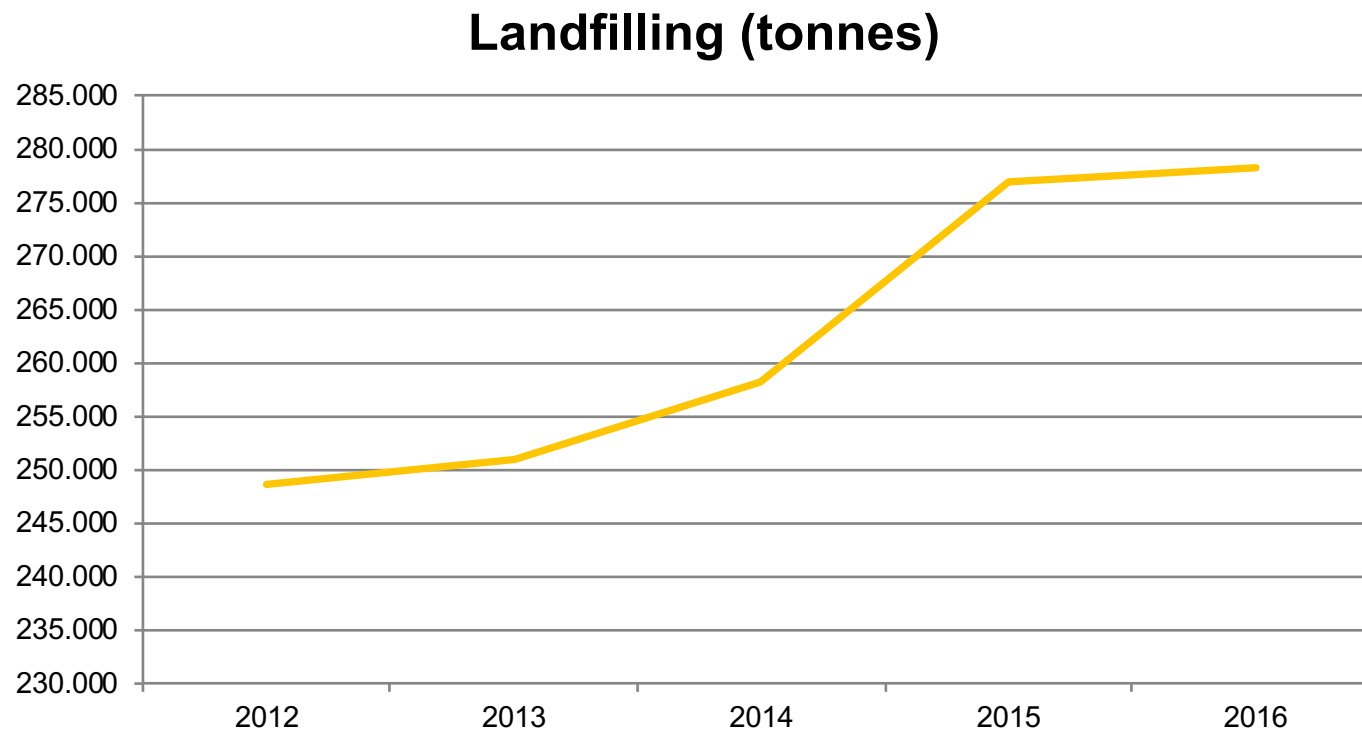
Municipal waste generation



Source: NSO

Current Situation

The landfill is filling up fast and there are no alternative landfill sites in plan due to land scarcity. The shipment of waste is an expensive option for an island.



Cost of Landfill Management

Facilities	Cost	Source of Funding
Landfill Management (Ghallis Engineered Facility)		
<i>Operating Costs pa</i>	≈ € 2M	National Funds
<i>Gate Fee</i>	€20 / tonne	Local Councils
Landfill Rehabilitation Projects		
Magtab, Qortin, Marsascala	€36m	EU ERDF, Cohesion Fund, EAFRD (2007-2013)
<i>Wied Fulija (estimate)</i>	€6m	EU Cohesion Fund (2014-2020)

The Operational Programme I

- The OPI addresses the waste management sector in P.A.10 – *Investing in a more environmentally-friendly society.*
- This priority axis will pursue interventions aimed at:
 - Increasing waste recycling
 - Reducing volume of waste going to landfill
 - Waste-to-energy measures
 - Rehabilitation of closed landfills
 - Education campaigns
- The OPI is in the process of being updated to include more specific interventions.

OPI – Rehabilitation of Closed Landfills

- An objective within OPI is to rehabilitate contaminated land to be used for non-waste related purposes.
- One landfill site targeted in OP I – Wied Fulija.
- The aim is to control aerial emissions and improve the visual impact of the landfill.
- Total funds allocated for waste management in OPI: €42.5m (for all waste management projects).

OPI – Proposed Waste Management Projects

- Wied Fulija Rehabilitation
- Multi-Material Recovery Facility
- Encouraging Sustainable waste practices in households and beyond

OPI – Wied Fulija Rehabilitation

Project

- The project consists of an extensive rehabilitation of the former landfill located at Wied Fulija.
- Intervention includes: Reprofilng of the site to achieve the design levels using topsoil and sub-soil materials; Vegetation to promote transpiration and minimise soil erosion; Create access paths around the perimeter of the site.
- Expected project duration: 2016 – 2021.
- The budget requested from the Cohesion Fund for this project is of € 6m.





OPI – Multi-Material Recovery Facility Hal Far

- A facility to enable the gathering of different waste streams for preparation and storage for eventual reutilisation and export thus reducing the amount of waste channelled towards landfilling.
- The facility will process the following waste streams: wood, tyres, polystyrene, gypsum, mattresses, textile and WEEE.
- Expected project duration: 2017 – 2022.
- The budget requested from the Cohesion Fund for this project is of €16.9m.

Encouraging Sustainable waste practices in households and beyond

- A project aimed at encouraging waste separation:
 - Nationalisation of organic waste collections
 - Separation at Government entities
 - Collection expired medicines
 - Kerbside collectors
 - Distribution of bins
 - Educational and Communication campaigns
- Expected project duration: 2018 – 2022.
- The budget requested from the Cohesion Fund for this project is of €9.6m.

Thank you