



Goal E: Improve our waste management system

Waste management was identified as an important strategic goal for Amman. A core objective is to improve GAM's capacity for planning and management of municipal solid waste services including enhanced cost effectiveness through private sector involvement, where feasible. Updating legislation, increasing knowledge, and improving, physical assets and infrastructure will strengthen the operational, financial, and environmental performance of the waste management system in Amman.

Action 2.E.1
Develop and implement a waste management framework



At present, there is little coordination between stakeholders responsible for setting policies, planning, and carrying out waste management services at the national level. To remedy this, the Ministry of Environment will prepare a national waste management framework. This will include plans to update waste management laws, define responsibilities amongst all the stakeholders in Jordan including Amman, partnerships with the private sector, regulations related to waste, methods of treatment and disposal of all waste types, and penalties. This action will contribute to streamlining waste segregation, collection, recycling and reuse processes including addressing electronic waste sorting project.

Owner
 Ministry of Environment

Status
 Ongoing

Timescale
 Short

Partners
 GAM

11  12 

Resilience Value

- Improve waste management system efficiency.
- Encourage waste reduction.
- Improve air quality and public health.
- Restore trust between the government and citizens.

Action 2.E.2
Establish waste to energy facilities





The waste-to-energy project aims to decrease the amount of waste sent to landfill by recovering the recyclable content and producing renewable energy in the form of fuel and/or electricity.

Owner
 GAM (Resilience Amman Office)

Status
 Ongoing

Timescale
 Short

Partners
 Ministry of Environment

9  12  13  17 

Resilience Value

- Reduce waste sent to landfill, thus limiting associated environmental and economic impacts and costs.
- Provide low carbon energy.
- Support livelihoods and employment.
- Protect the environment.
- Raise public awareness about waste and contribute to changing longer term behaviors.

Action 2.E.3
Review, update and reactivate Amman Green Growth plan



Amman's Green Growth Plan (AGGP) was launched in 2009 but was not completed. The plan focused on 4 key pillars related to energy: transport, waste, water and urban forestry. The government recently launched the National Green Growth Plan. We will review and restart the AGGP as part of the national plan.

Owner
 GAM (Environment Dir.)

Status
 New



Timescale
 Short



Partners
 Ministry of Environment

11  12 

Resilience Value

- Move towards a low carbon economy that creates more jobs and enhances social inclusion whilst reducing environmental impacts.

Action 2.E.4 Implement pilot projects for waste management activities		
<p>Implement pilot projects in the field of environment and waste management such as Green-Points (for waste that is unsuitable for street collection such as furniture and construction waste), the recovery of recyclable materials, and the organic compost production project. Included in this, we will develop an organic compost production project via a public-private partnership. This will produce compost at Ghabawi landfill site to be used as a soil conditioner in agriculture and landscaping activities. This action will be carried out in collaboration with the community and the private sector to demonstrate how new waste solutions can be effective and promote uptake.</p>	<p>Owner GAM (Environment Directorate)</p> <hr/> <p>Status New</p> <hr/> <p>Timescale Short</p> <hr/> <p>Partners Ministry of Environment</p>	<p>11  12 </p> <hr/> <p>Resilience Value</p> <ul style="list-style-type: none"> • Raise public awareness around waste management and change behavior in favor of waste reduction. • Promote public-private partnership projects. • Encourage circular economy.

Action 2.E.5 Implement other waste transfer stations in north and west Amman		
<p>Provide a processing site for the temporary deposition of waste in the North and East areas of Amman. The existing station is located in the east and is not sufficient to process the quantities of solid waste being produced daily in the city.</p>	<p>Owner GAM (Engineering Directorate)</p> <hr/> <p>Status Ongoing</p> <hr/> <p>Timescale Medium</p> <hr/> <p>Partners Ministry of Environment</p>	<p>11  12 </p> <hr/> <p>Resilience Value</p> <ul style="list-style-type: none"> • Improve air quality and public health. • Provide efficient waste management. • Improve city planning processes.