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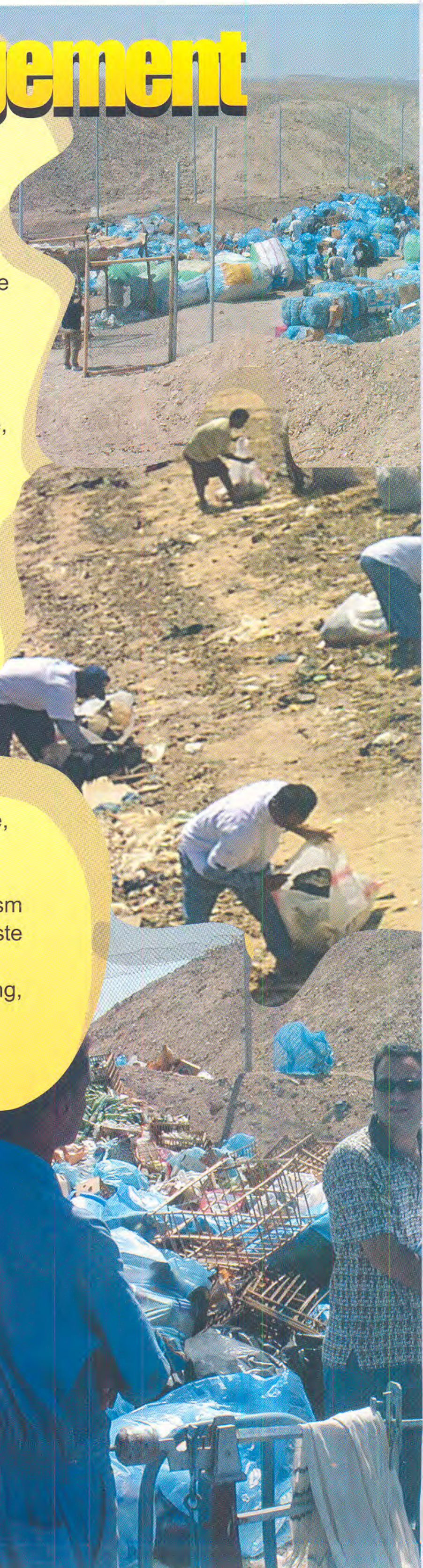
Solid Waste Management and Job Creation



Solid waste management addresses the need to keep neighborhoods clean. Town planners and engineers use various technologies—some quite costly—to collect and dispose of solid waste.

The LIFE Red Sea (LRS) Project views solid waste management as an opportunity to create jobs and generate income for the Southern Red Sea local population. Solid waste is a resource, a livelihood base, and waste recovery and recycling can be the engine for small- and medium-sized enterprises at the community and individual level.

The approach to waste management is based on regional features: high levels of waste; waste of high value; waste can be segregated at resorts; the tourist industry can pay for waste collection. Using this approach, LIFE is collaborating with various stakeholders to establish solid waste recovery centers. Organic waste is used for animal feed, while non-organic waste is sorted in recovery facilities to be traded, reused, and recycled at the national level.

The Project's goals include:

- Introduce and implement a simple, effective solid waste management system that can be replicated elsewhere, especially in coastal zones
- Create jobs among the local population
- Promote a clean and natural environment that will attract tourism
- Raise the level of local awareness and participation in solid waste management
- Generate income from waste collection, transportation, sorting, trading, processing, and remanufacturing
- Improve sanitation standards and, ultimately, better health

Interventions being implemented with partners and stakeholders include:

- Sorting station in Wadi el-Gemal National Park
- Sorting station in Hamata
- Material recovery facility in Marsa Alam
- Integrated solid waste management project in El-Shalateen

Municipalities, NGOs, the private sector including resorts/hotels/business sector, and local residents join other Project partners and stakeholders in this activity.

Partners and stakeholders include: the Egyptian Environmental Affairs Agency (EEAA), EEAA's Natural Conservation Sector (NCS), the Red Sea Governorate (RSG), the Tourism Development Authority (TDA), and the Hurghada Environmental Protection and Conservation Association (HEPCA)