

# DECOR: Integrated Solid Waste Management Plan in the Comoros Union of the Comoros

<https://www.mase.gov.it/pagina/unione-delle-comore>

## THE PROJECT

The project aims to build, in the city of Moroni, an integrated system for the management of municipal solid waste. A model will be developed based on the circular economy paradigm, enhancing the recovery and recycling of materials and reducing the amount of waste that ends in landfills. The project also aims to create new job opportunities in the green economy and material recovery sector. There training of technicians and local officials will allow the continuation of activities over time.

## CONTRIBUTION TO

[NDC Comore](#): better management of solid waste And composting.  
➔ [2030 Agenda](#); Goal 13 – Climate Actions.

## BACKGROUND

During the first Joint Committee, (Moroni, August 17, 2016), the Comorian counterpart underlined the serious shortcomings in the disposal and management of waste in all the islands of the Union and, mostly, in the capital, Moroni. The multiple open-air landfills cause numerous problems either for the environment and human health, (contamination of land and groundwater, air pollution due to incorrect combustion of waste, release of dioxins), and limit the expansion of tourism.

## OBJECTIVE

Promote an integrated waste management system that focuses on the recycling and reuse of waste materials.

## PLANNED ACTIVITIES

- Drafting and implementation of a communication plan to raise awareness among the population and launch of a creative workshop with a local NGO for communication activities.
- Feasibility study which contains a mapping of the territory and a detailed analysis regarding the quantity and type of waste produced.
- Launch of a national waste management strategy that takes into account existing infrastructure and services and possible connections between different levels of government.
- Implementation of the Integrated Management Plan through the following steps: door-to-door separate collection; installation of a center for the collection and recovery of materials, a plant for mechanical biological treatment, (MBT), a system for the transformation of biogas into electricity and a composting unit at the Volo Volo market.
- Training through the involvement of on-site NGOs aimed at the local population and technicians.

## SUBJECTS

### Promoters:

- Ministry of the Environment and Energy Security (MASE)
- Ministry of Agriculture, Fishing, Environment, Territory Planning and Comorian Urban

### Actuators:

- Contarina S.p.A
- International University of Venice (VIU)
- Fermenta Italia

## TOTAL COST OF THE INITIATIVE

**€ 1,424,600**

**Lender: MATTM**

**Other lenders: ---**

## OUTPUT

- Awareness raising through communication material, activities with schools, conferences, eco-graffiti and a competition for the creation of the project's mascot. ✓
- Feasibility study, carried out, containing a detailed analysis on the quantity and type of waste produced in the city of Moroni. ✓
- National strategy for waste management approved at parliamentary level. ✓
- Center for the collection and recovery of materials, TMB, system for the collection and diffusion of biogas, composting units installed at the Volo Volo market. ✓