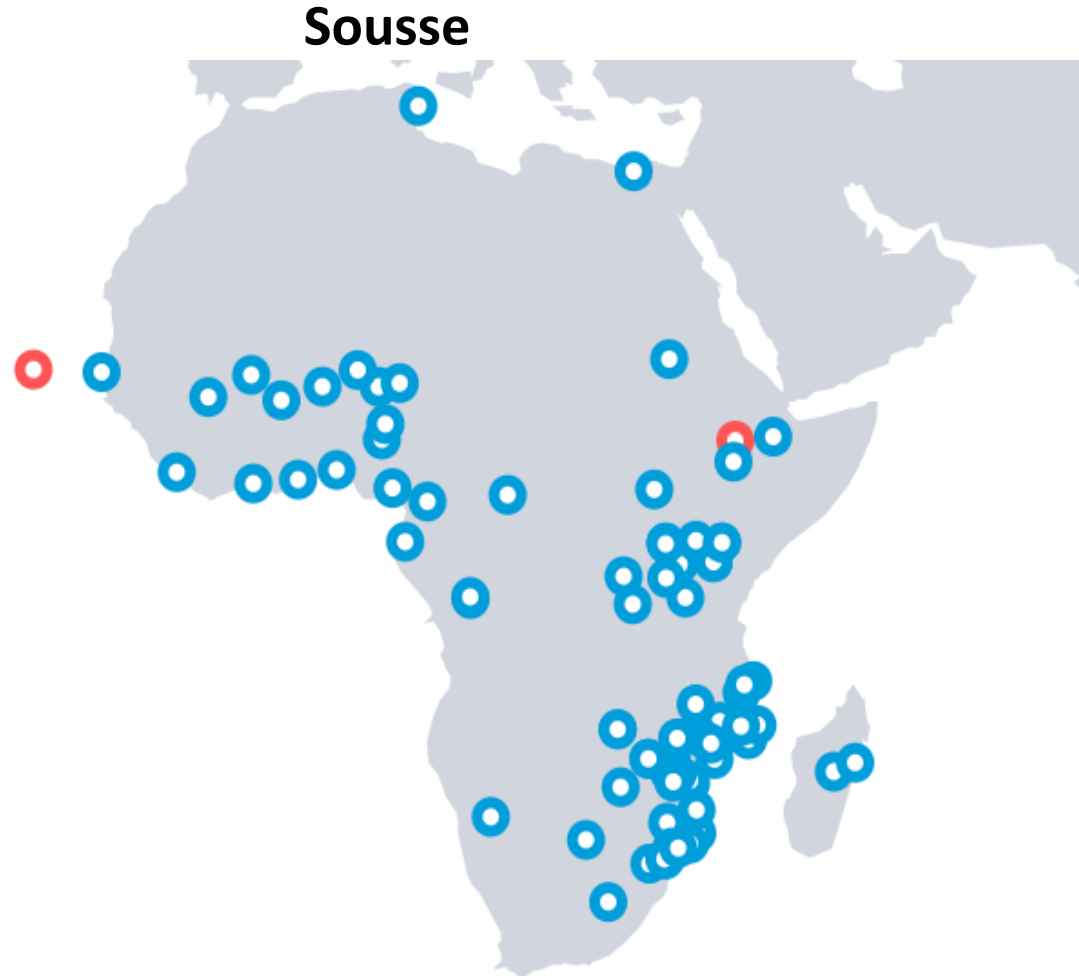




# From the application of the Waste Wise Cities tool (WaCT) to waste management planning in Sousse



# Membership in the African Clean Cities Platform



## By joining this platform, the city of Sousse aims to



- Develop an integrated and sustainable waste management system
- Empower and collaborate with civil society, NGOs, the private and informal sectors.
- Establish better working conditions for stakeholders in the waste management chain, both in formal and informal employment.
- Evaluate and implement innovative technological alternatives, e.g., waste-to-energy systems, and learn from other cities
- Design financial incentives, promote a transition to a more circular economy and reduce waste
- Review the progress of municipal solid waste management in the city
- Share knowledge and best practices with member cities

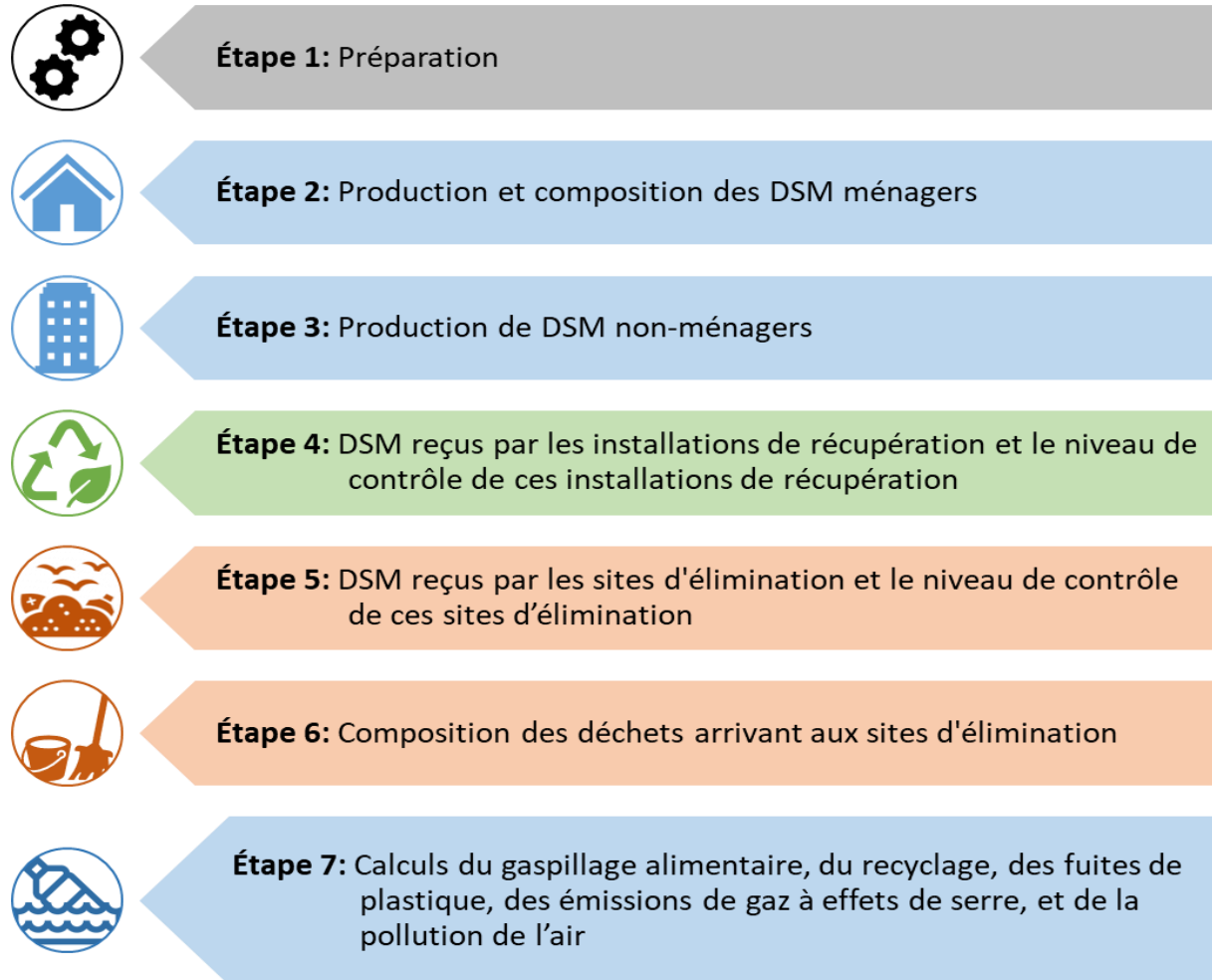
# What the WaCT measures



[ 11.6.1 ]

The percentage of MSW collected and managed in controlled facilities out of the total MSW generated by the city

# The steps of the WaCT



Le point de départ

Production de DSM

Récupération des DSM

Élimination des DSM

Liens avec d'autres indicateurs importants

# Organization of trainings





# Application of Waste Wise Cities Tool (WaCT)



3 zones / 9 neighborhoods

Zone 1

Khzema

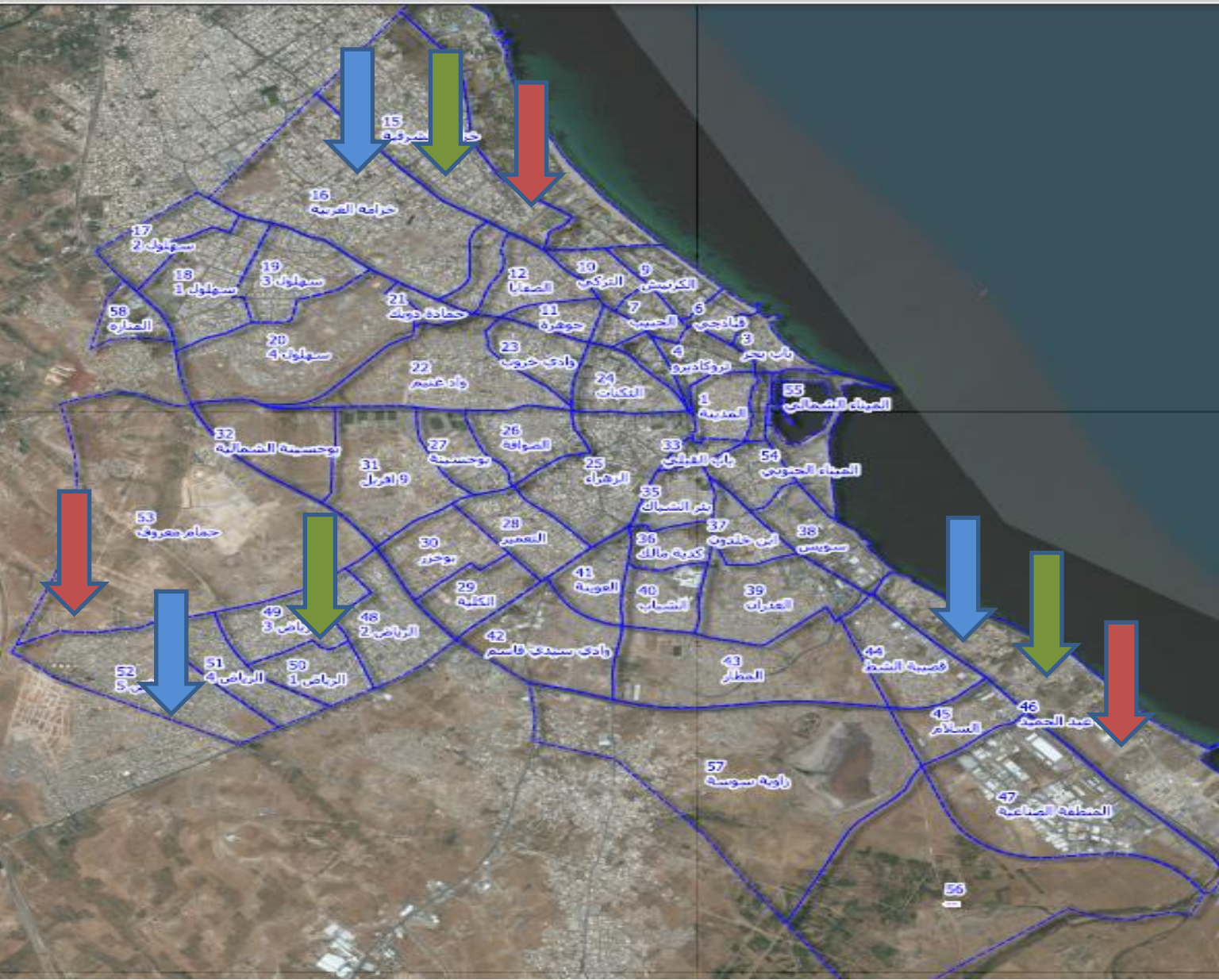
Zone 2

Riadh

Zone 3

Sidi Abdelhamid

low-income middle-income high-income





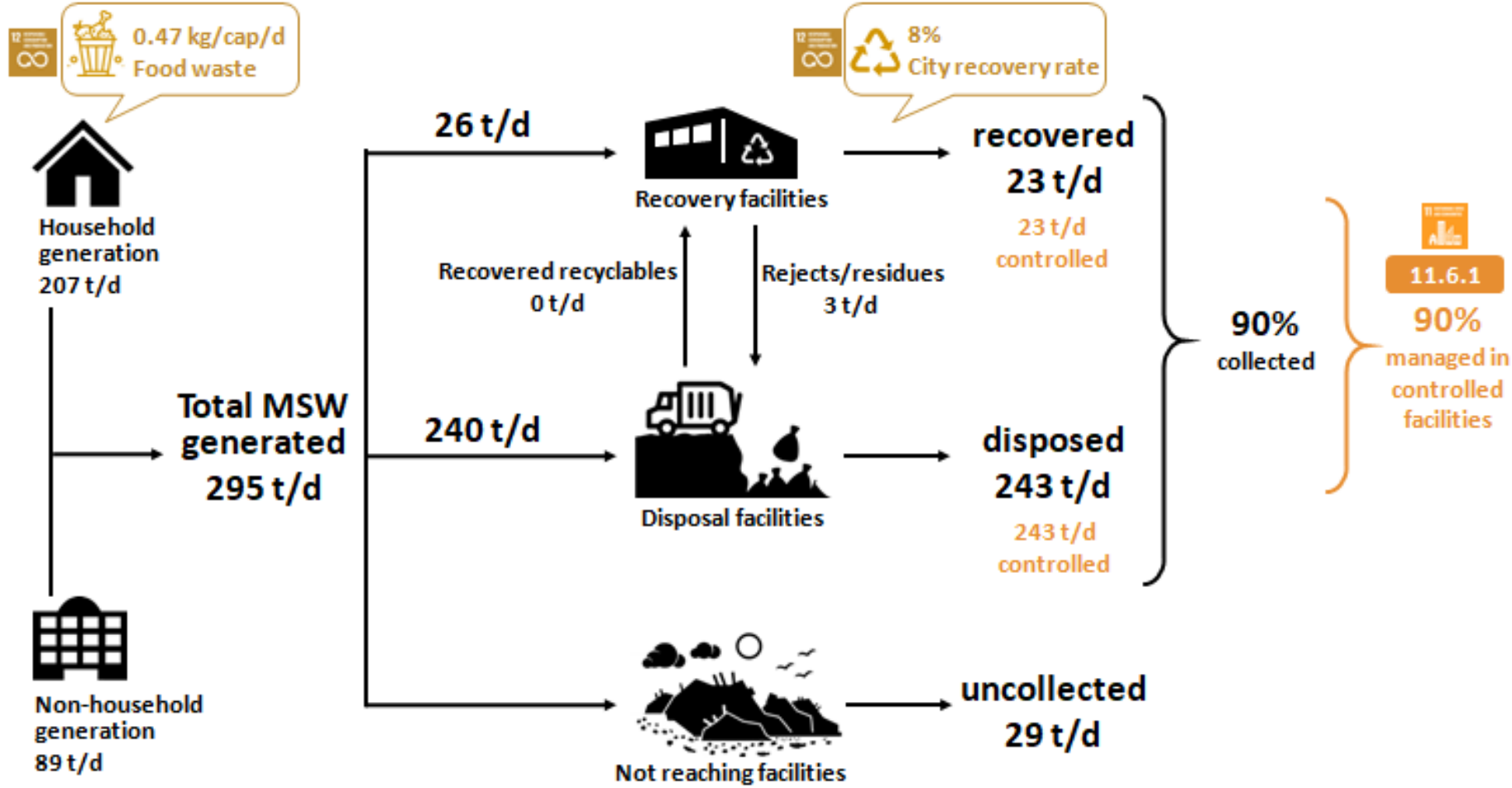




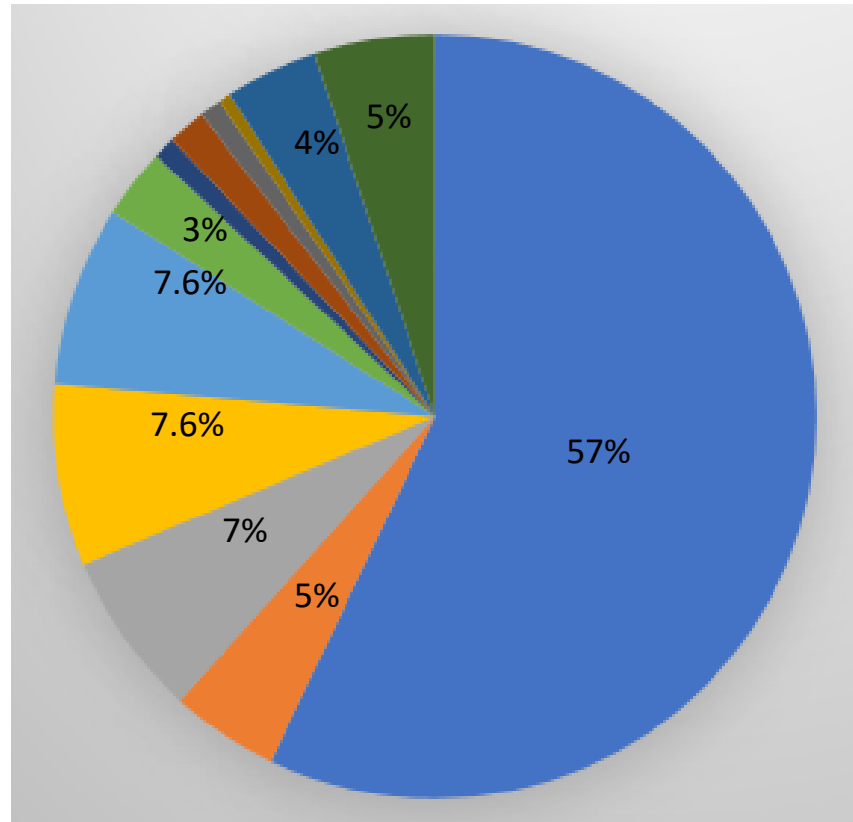




# Waste flow



# Composition



	Food or kitchen waste
	Garden or park waste
	Paper and cardboard
	Plastic film
	Hard plastic
	Metals
	Composite products
	Textiles, clothing, shoes
	Wood
	Special waste
	Glass
	Others



# Data analysis

## Identification of gaps and areas for improvement



Policy interventions



Infrastructure



New technologies



# Workshops with stakeholders



# Key issues in waste collection



- Waterways that cross the city have become black spots in some neighborhoods
- Difficulty in working class neighborhoods (access and burning of plastic containers)
- Integration of informal sector collectors (waste dispersed by collectors to recover recyclable materials)
- Nuisance at garbage can sites due to leachate runoff from collection vehicles
- The flow of leachate into the transfer center (causing its periodic closure)
- Socio-professional demands of the workers



# Main challenges of the valorization process



- Lack of biological recovery programs for organic waste
- Lack of waste separation programs (causing contamination of recyclable material)
- Lack of data on recycling
- Low involvement of young promoters in waste recovery

# Priority areas of intervention



- Strengthening of organic waste recovery and recycling interventions
- Coordination and monitoring of resource recovery and integration of the informal sector
- Strengthening of young promoters' initiatives in waste recovery and improvement of circular investments.
- Awareness and capacity building of citizens, with emphasis on waste minimization and separation

# Priotization





# Management of biodegradable waste



**Composting of the city's green waste**

**Voluntary collection of biodegradable waste (households, hotels, restaurants, wholesale markets)**

**Bio-methanization of organic matter in the region of Sousse**

**Support for the recovery of organic waste through the installation and monitoring of collective composting sites**

**Promotion of home composting of biodegradable waste**

# Management of recyclable waste



Implementation of a selective sorting system in the large establishments of the city of Sousse

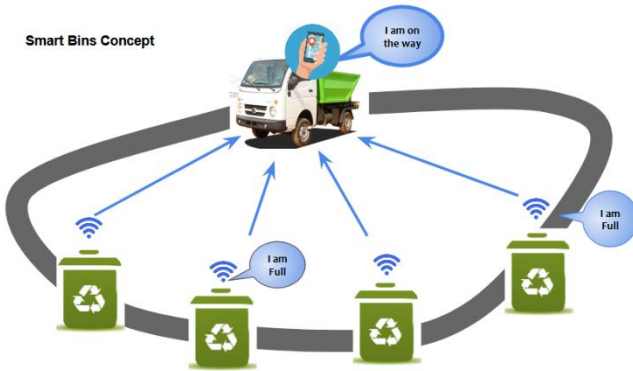


Reward program for sorting in public spaces



Development and implementation of a selective waste collection plan in the Medina

# Optimization of collection operations



Optimization of waste collection circuits



Development of a containerization plan to improve waste collection in the city



# Raising awareness and strengthening eco-citizenship



**Implementation of a waste management awareness program in elementary schools and daycare centers**



**Raising awareness on reducing food waste in the city**



**Improved tax collection outreach**



**Development of a program to eradicate black spots in marginalized areas and adjacent to waterways**

# Necessary follow-up



- Technical support for the preparation of preliminary studies for certain proposals
- Mapping of projects and evaluation of their eligibility to the different existing financing mechanisms
- Definition of a strategy for financing projects based on innovation, economic development (investment in equipment and job creation) and actions related to environmental protection, energy and sustainable development.
- Technical support to the commune on advocacy for project financing (to find funding from public bodies, donors and investors)
- Mobilization of grants and external resources
- Support for the sharing of best practices between the platform's member cities

# Acknowledgement



- The Municipal Council of Sousse
- The executives and technicians of the municipality of Sousse
- The executives and technicians of ANGED
- Volunteers
- The stakeholders
- UN-Habitat





**Thank you for your attention**