

<b>Project Title:</b> <b>Integrated environmental market</b>	<b>Country: Tunisia</b>  <b>Municipality: Manouba</b>	<b>Funds requested:</b> 2,000,000 Euro
<b>Direct/Indirect Beneficiaries</b>  Local communities Municipality Job seekers	<b>Target Area:</b>  Manouba City	
<b>GOALS:</b> <ol style="list-style-type: none"> <li>1. Reducing CO<sub>2</sub> emissions.</li> <li>2. Increasing the planted areas.</li> <li>3. Water &amp; energy self-sufficiency.</li> <li>4. Creating jobs for seekers.</li> <li>5. Providing biological food crops.</li> <li>6. Waste recycling and management.</li> </ol>		

#### **SITUATION AND PROBLEM IDENTIFICATION**

1. Water shortage in Manouba and this in turn effects on food sector.
2. Manouba has a favorable climate that equals 300 days of light.

#### **METHODOLOGY**

#### **TARGETED AREA AND BENEFECIARIES**

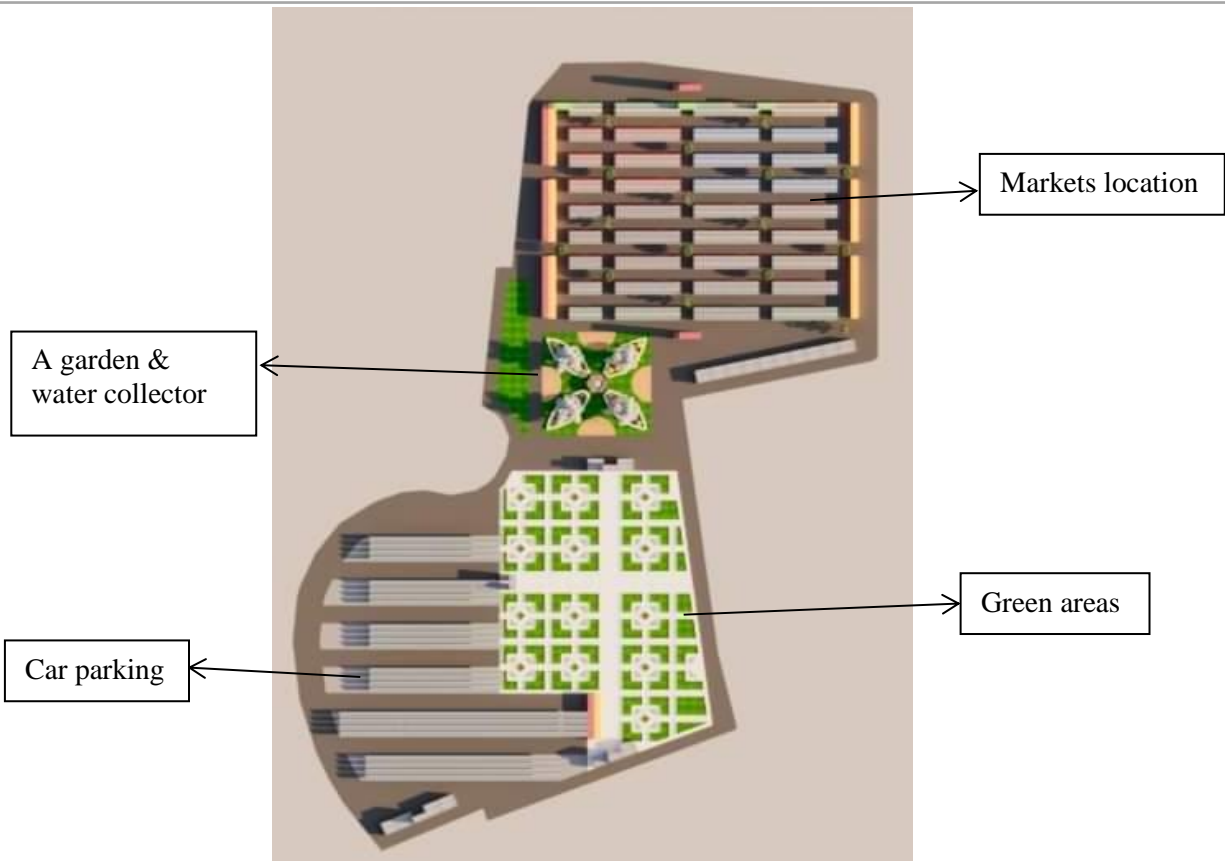
Manouba, Tunisia  
 Local communities and municipality.

#### **PROPOSED ACTIVITIES**

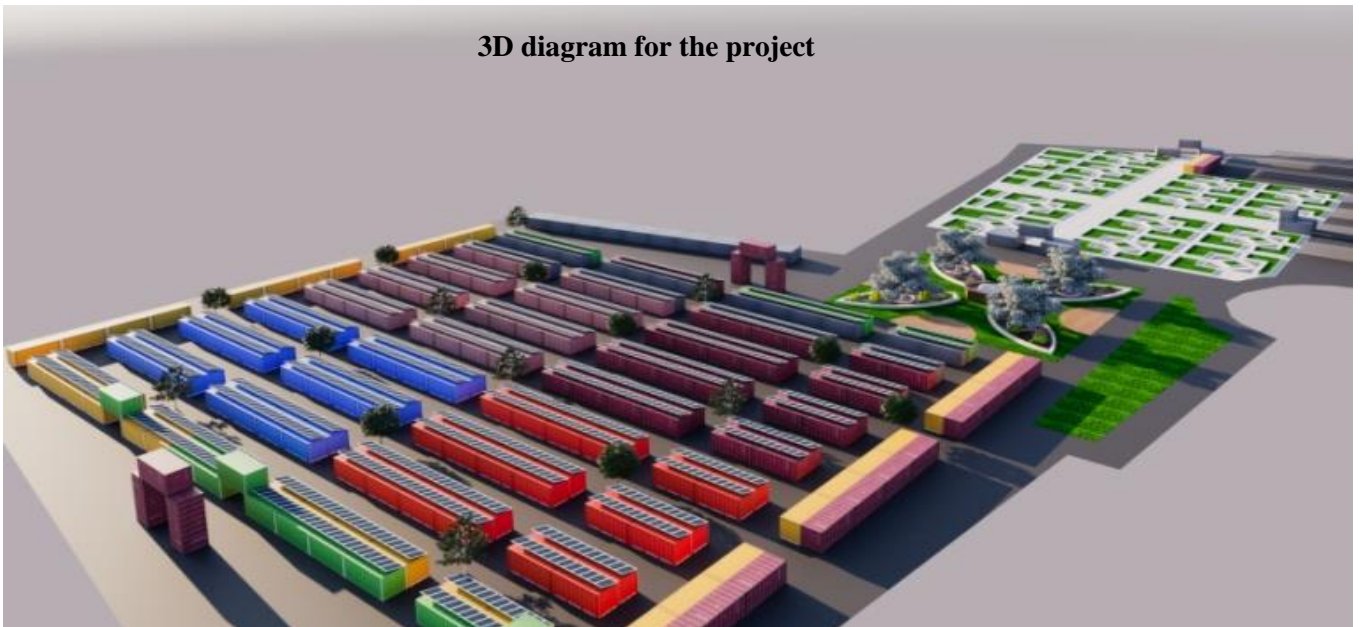
Establishing an environmentally friendly municipal market that includes shops with small spaces consisting of shipping containers and car park equipped with photovoltaic panels to market and shop all items, with a space for rest, sanitary facilities, and a green space with a rainwater collection tank.

The project also consists of a space for biological cultivation, equipped with a water tank for watering and internal cleaning, and a tank for preserving the product.

On a property owned by the municipality of Manouba, with an estimated area of 36,855 square meters.



3D diagram for the project



The table below represents the estimated areas for the project components:

Project component	Estimated area (m <sup>2</sup> )
Total area	36,855
Containers (344 containers type F20)	10,000
Car park	8,866
Green areas	1,600
Agriculture & Composite	7,000
Car routes & walkers	9,390
Water tanks for collection	4,000

### EXPECTED RESULTS

1. Reducing CO<sub>2</sub> emissions in Manouba municipality.
2. Increasing the green planted areas.
3. The ability to generate power that can reach up to 1 MW.
4. Reducing the unemployment rate.
5. Employing around 900 persons.

### FEASIBILITY STUDY

Project component	Estimated cost (TND)
Solar Energy	1,000,000
Containers	4,000,000
Agriculture & composite	500,000
Garden & water tank	500,000
Parking & walking routes	1,000,000
Total cost	7,000,000