***Xghajra Seaside Multi-Modal Hub***

The main aim of this project is to create a masterplan for the area of Xghajra, which takes into account connectivity by land and sea and providing accessibility to all. Creating a permanent connection between the central region – south harbour district and the southern eastern region. The project seeks to address in improving Malta’s sea public transport infrastructure with the aim of reducing the use of cars and emissions. In fact, it also takes into consideration in designing space for other modes of transport, creating a multi-modal transport hub.

A better and well facilitated promenade has been proposed.

Cycle lane throughout the whole stretch of the project.

Public transport infrastructure.

Space for shuttle services.

Bicycle tracks – including electric bicycles.

Charging points for electric cars.

Promoting the use of alternative transport and encouraging a modal shift to environmentally friendly modes of transport. A more comfortable and safe environment is being provided for all users linking into real-time multi-modal transport information system.

Linking sea and land infrastructure in this area will seek to increase the touristic activity in this coastal area of Malta, which is quite rich in its historical and cultural aspect that unfortunately few people know about.

Other aspects of sustainability has been taken into consideration:

Vegetation:

* including vegetation along the road which in turn can help in reducing the ambient temperature.
* Salt tolerant trees and shrubs.
* Free draining soil so that salt air borne particles would wash down easily.

Stormwater:

* Reservoir to collect the rainwater and this will in turn be used for irrigation.
* Including a silt trap and light liquid trap, such that the overflow being directed to the sea will be as clean as possible.

Solar panels:

* Recharge of the proposed electric charging points.
* Recharge of the grid.