

20.12.2014

DESIGN NEXT - Autodesk Competition

Proposal for the Karakoy Transportation Port

Our approach with in our design proposal is to create an environmental friendly, sustainable port, that follows the ideology of the "Design for All". With that, our approach is to create an innovative transportation port for Karakoy.

Following the idea of innovation, we came up with a concept where not only the design allows direct and free access for the disabled with its slope to access the port and the ship, but also we separated the entrance and exit lounges, allowing a direct, one way access. With that, the design created a clear and simple access that benefits all types of users.

With an approach for environmental friendly and sustainability, our design not only uses the natural resources, also recycles them. For instance, the rain water is collected along the butterfly roof and that into a system. Here, this water can be used in watering the green areas and the toilets. Also, the sky light is used for creating **Solar Energy** with the solar energy panels, generating the need for Electricity. Another, sustainable quality that our design has is its Pavement, by creating an **Air Circulation** it saves energy from air condition and creates a more comfortable space for the users.

The re-designed landscape navigates people easily to the port. Also a more healthy public space is created by the relations of the new landscape and the port.

The Autodesk programs we've used with in our design process is AutoCAD and 3DMax. While creating the plans, using AutoCAD, we used 3DMax for the 3D modeling, which helped us to visually see and understand the spaces we designed in a much clear way.