

**Eco\_kal08. Kalymnos port. Hypothesis of planning between ambiental tutelage and aesthetical quality respect**

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**The Idea**

The idea of this graduation thesis rises from a passion, a lot of passions. The love for Greece, for sailing and for rock-climbing gave me the chance to discover a place: Kalymnos; a little island situated in the Dodecanese, in which these three elements fuse and create an atmosphere very particular.

The wish of protect and develop this site, of make it known, and of improve it, made me to realize a plan for its requalification.

A plan that presents a lot of aims and a lot of interventions...

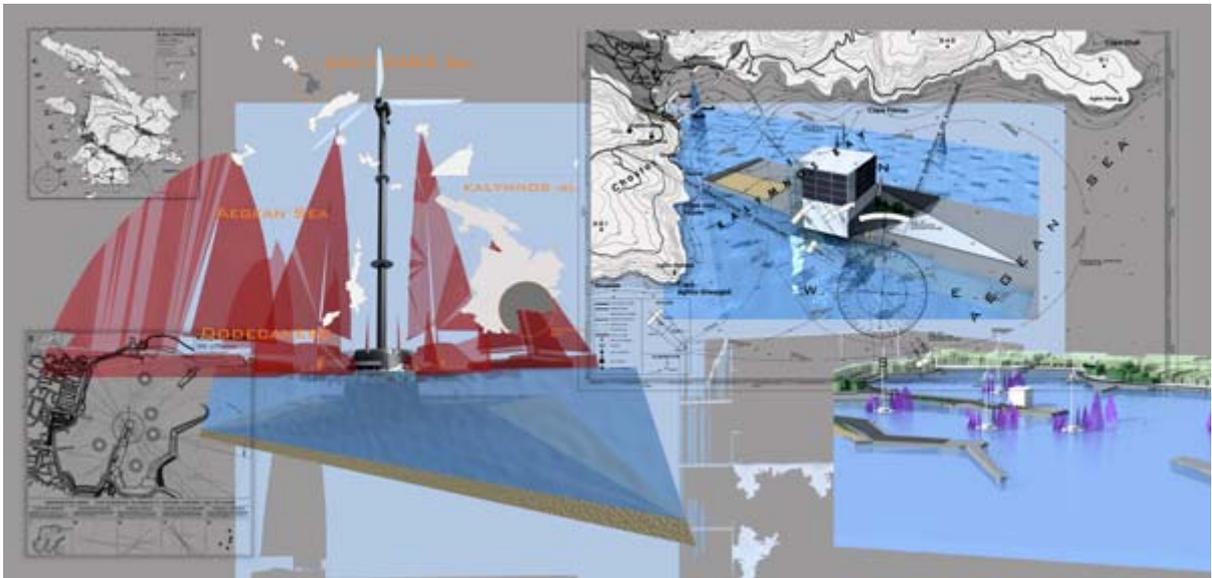
First of all it is an infrastructural plan, in which are created better conditions for the yachting in the Aegean sea and a more useful distribution of the viability of the capital city of the island; than is a sustainable plan, because of the attention reserved at the renewable energies, the aeolic one in particular. It is also a landscape project that comprehend a very big area, not only the port, but also the city and all the island. Finally it is a "denunciation" project...

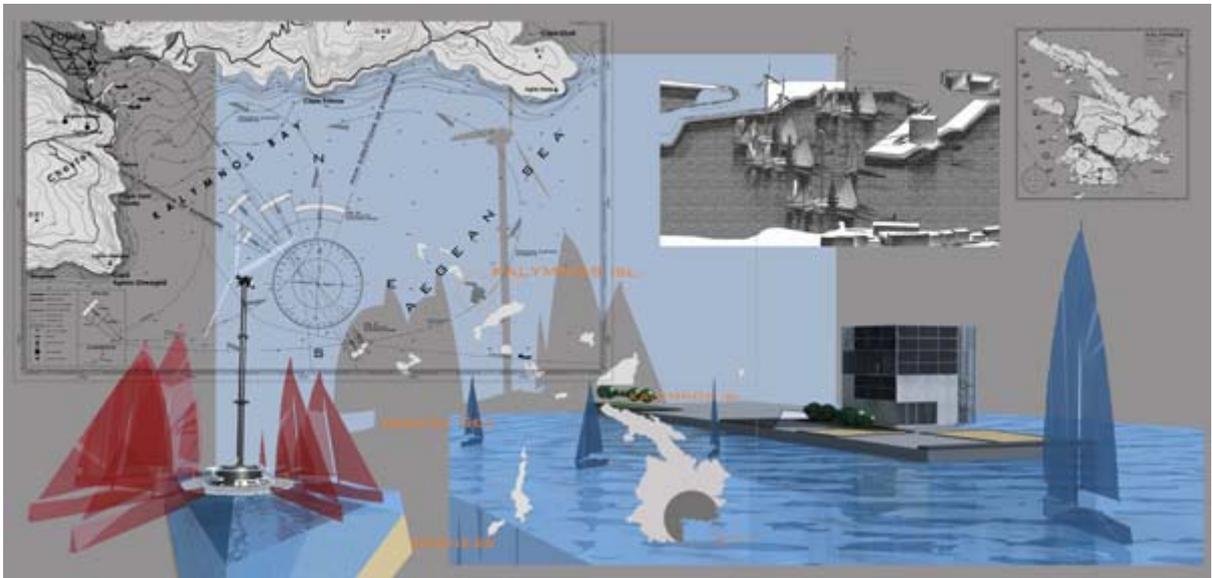
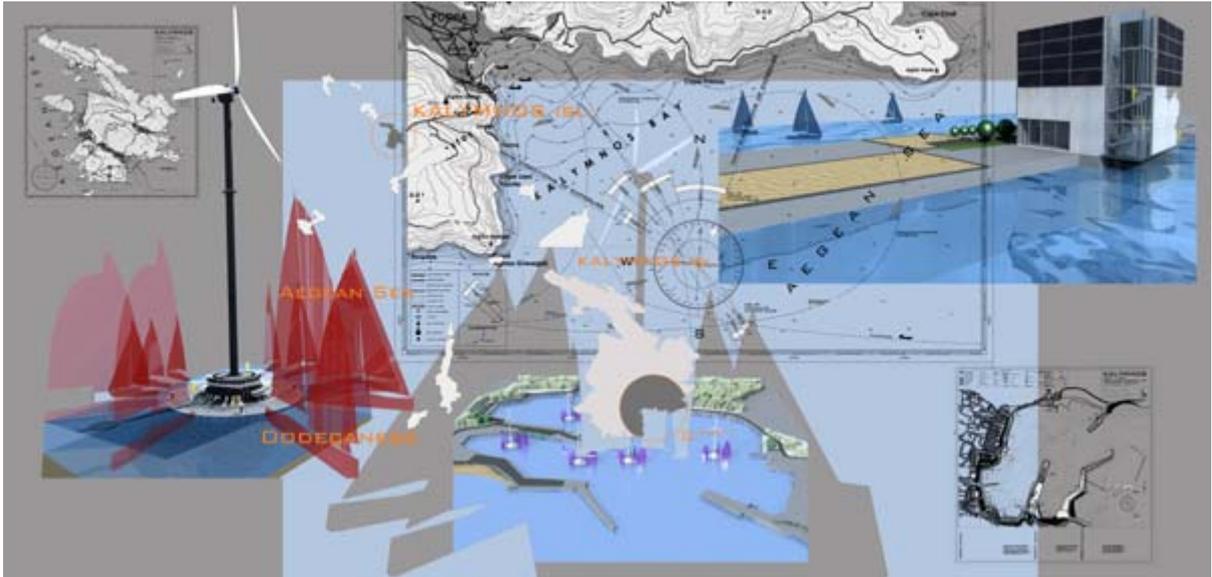
I would like to declare in fact, that found a plan on renewable energies is not only possible, but it is essential, and that learn to live with its structures, even if big, visible, and in certain case refused by the "common knowledge", is index of civilisation, creative intelligence and respect of the nature. So these elements must be considered as a part of the landscape because they contribute to its protection and make it better. The attempt of this thesis is trying to solve together big ambiental problems and little urban themes, using the same idea, the same solution, the same technology, that, in this case, is an aeolic rotor for the production of electricity.

This element, repeated and changed in forms and functions, in union with a new planning for the viability, and with the insertion of a modern directional building, had been the basis for the transformation of a very complex landscape, typically greek, in a new one, energetically sustainable and morphologically valuable. A new landscape that doesn't miss its characteristics, but gains a lot of new ones.

## The Project

The project is composed of three different parts. An energetic one, a landscape one and an architectural one. The work was about a *masterplan* in which terrestrial and marine areas could be studied together. For the terrestrial zone the attempt is to create an alternative for a better viability of the capital city of the island; a planning was realized for a directional building of portual activities that comprehends the offices of the Hellenic Coast Guard and a restaurant-bar; the “Cube” is the real center of the portual area; at the same time I tried to improve the functionality of the docks for charge and discharge of big ships. For the marine zone, instead, I would like to optimize the actual mooring areas, also moving the ferry boat’s docks and dividing commercial and turistic functions; than, I reached new mooring areas for Yachting boats. This problem had been solved, together with the energetic one, with the creation of circular mooring docks, “Aeolic Docks”, that could be at the same time, mooring docks and platforms for aeolic generators. The fusion of these two elements in a unique structure could be surely changed in thousands of ways, but conserves in its compositive attempt, all its value.





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