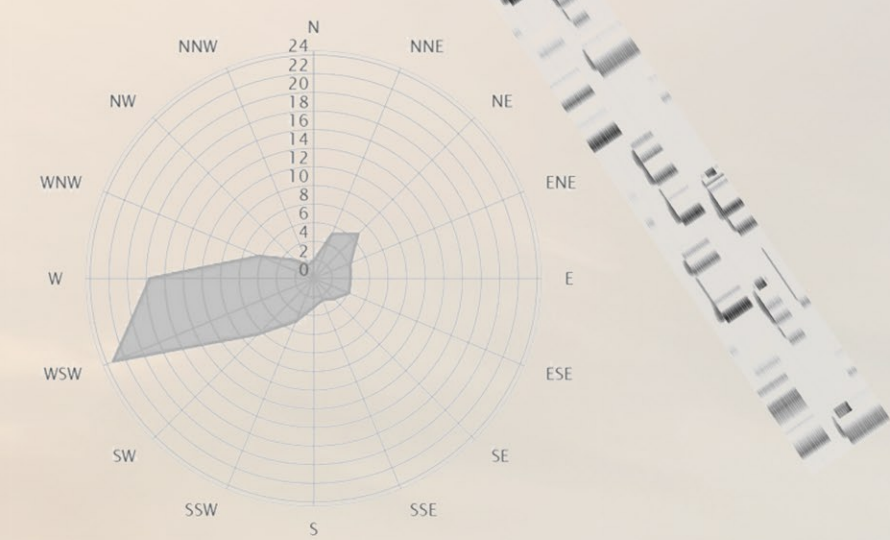


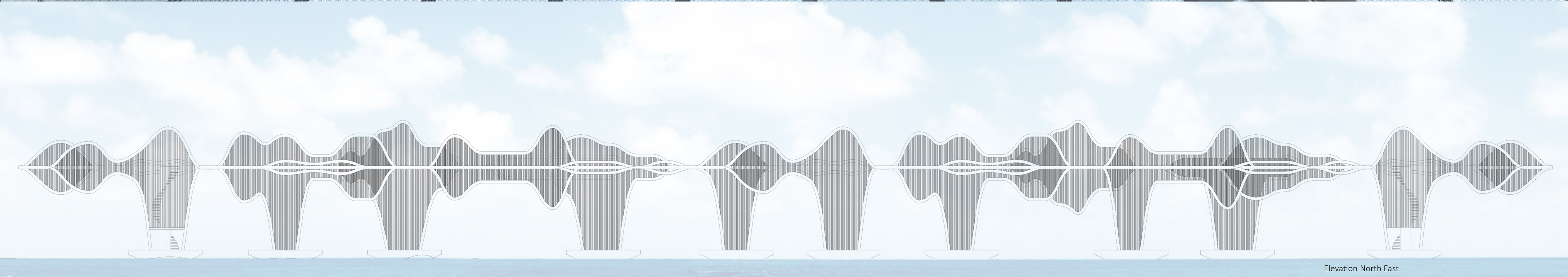


Oriented in front of the main winds



Producing renewable energy

The top of the project works as a solar central receiver. The roof is made of walkable non-slip photovoltaic panels. The wavy expression of the structure is aesthetic to remind the waves of the ocean. The second goal of it is to fit properly in the landscape. It's also one of the main part for the energy producing concept. These deformations allow air to flow easily in the structure. The membranes of the windbelts are then moving more effectively. Wind energy is converted to electrical energy by the strings who build the façade of the project. Those white membranes are the good solution to keep a kind of transparency and let the view to the horizon from the beach. Therefore, the frequency, density and spacing between the windbelts are dependent on the wind strength and intensity. Wind is by itself invisible but through interaction with the project, all the strings moving together, its patterns and behavior can be captured – and its natural force harvested for electricity. The project attempts to express the lightness of multiple harps with different shapes and sizes. The project tries to sublimate the dynamic horizon magnifying the movements of the waves and wind. The main façade is oriented South-West, parallel to the coast and perpendicular to the main winds.



Elevation North East