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WT Smart City 2014 – Winners announced

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WT SmartCity announced the winners of the Smart City 2014 international competition. The aim of the competition was to reward the most visionary and sustainable ideas and projects to transform in a positive way the urban landscape. The winning projects were exhibited for six days during the Milan Design Week.

Below are the winners:

First Prize

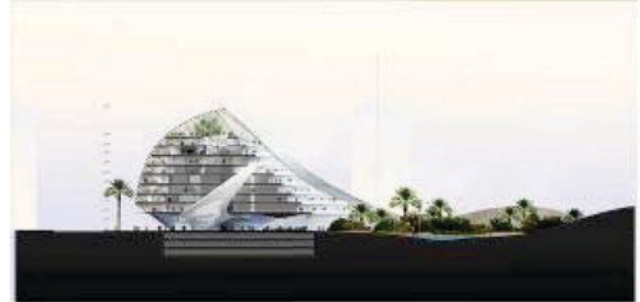
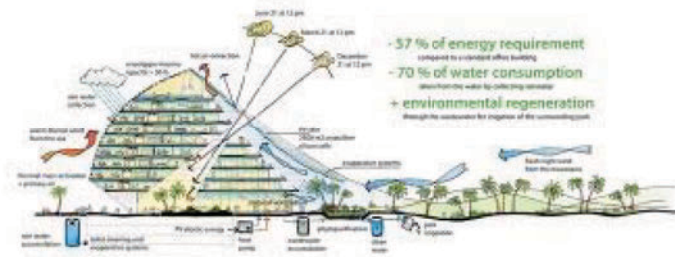
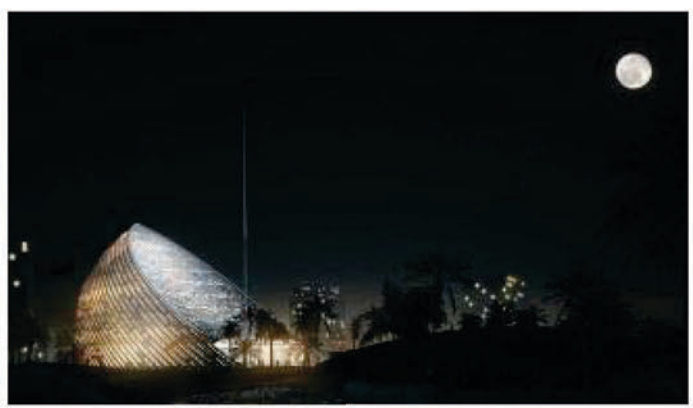
Mario Cucinella – Nuova Sede dell'ARPT

The dunes appear as 'natural' buildings, constructed by wind and sand. Bioclimatic architecture, by the natural cooling techniques, convex and concave to capture the wind



First Prize Winner // Mario Cucinella – Nuova Sede dell'ARPT

The project is inspired by the desert landscape where the dunes appear as 'natural' buildings, constructed by wind and sand. The proximity to the new urban park offers the opportunity to create a highly visible and symbolic building.



The project proposes a highly iconic building far from the predominant aesthetics of the area, exploiting its direct contact with the new park. It emerges from the desire to create a building that works according to the principles of bioclimatic architecture, and in particular by the natural cooling techniques of the past, such as the tu'rat has suggested an aerodynamic shape, convex on the North to divert hot winds at midday, and concave to capture the cool breezes at night, and thus promoting the natural ventilation of the building. Form, energy and tradition are transformed into a new building that will become a symbol of the development of landscape.

Second Prize

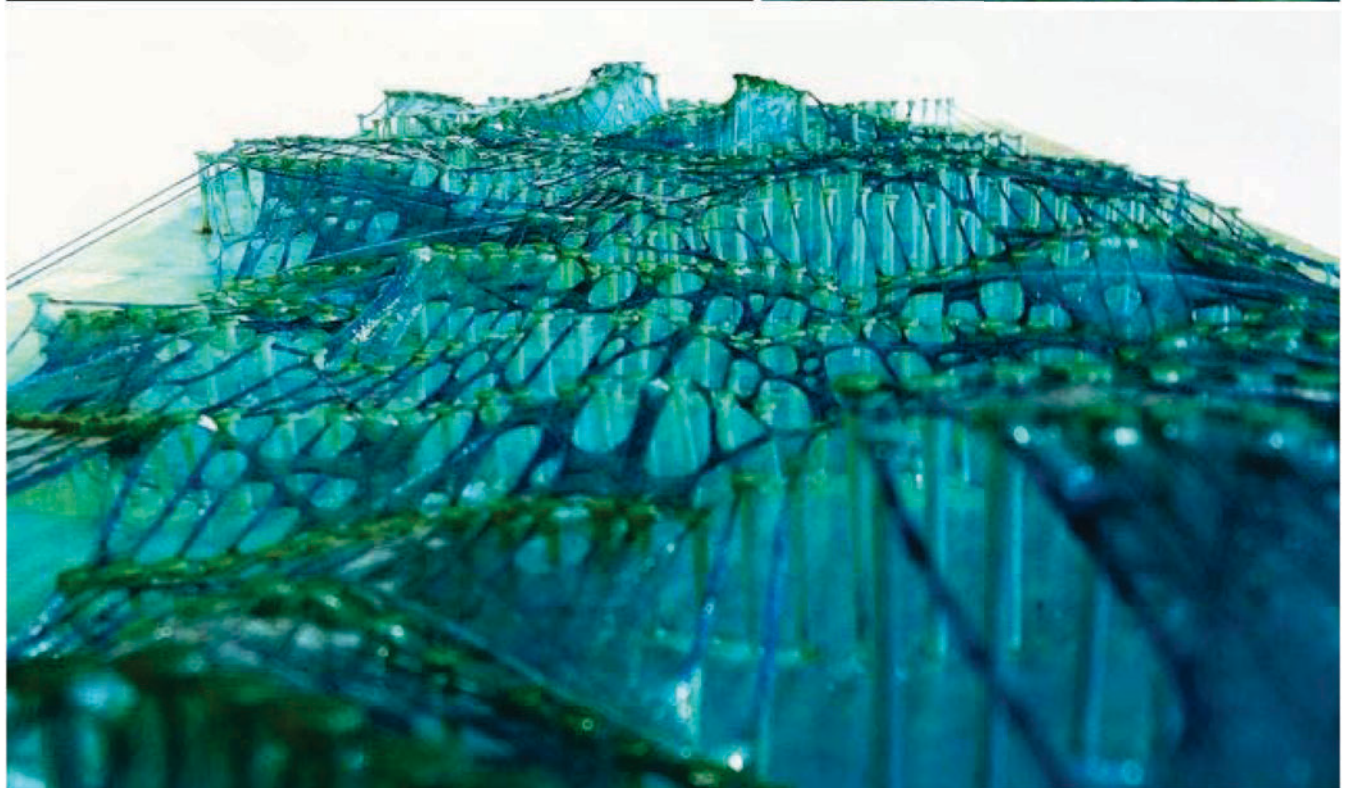
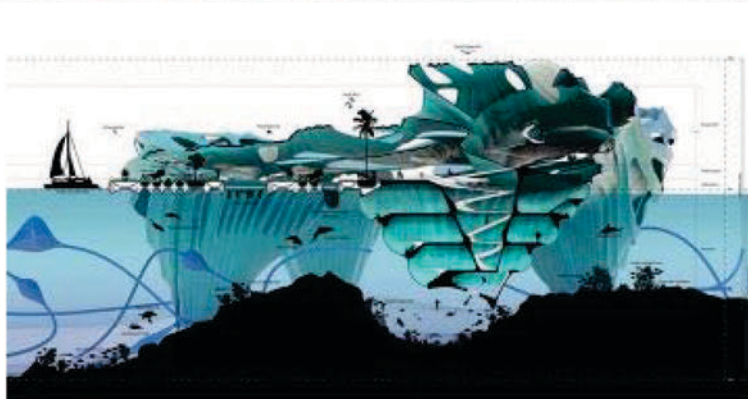
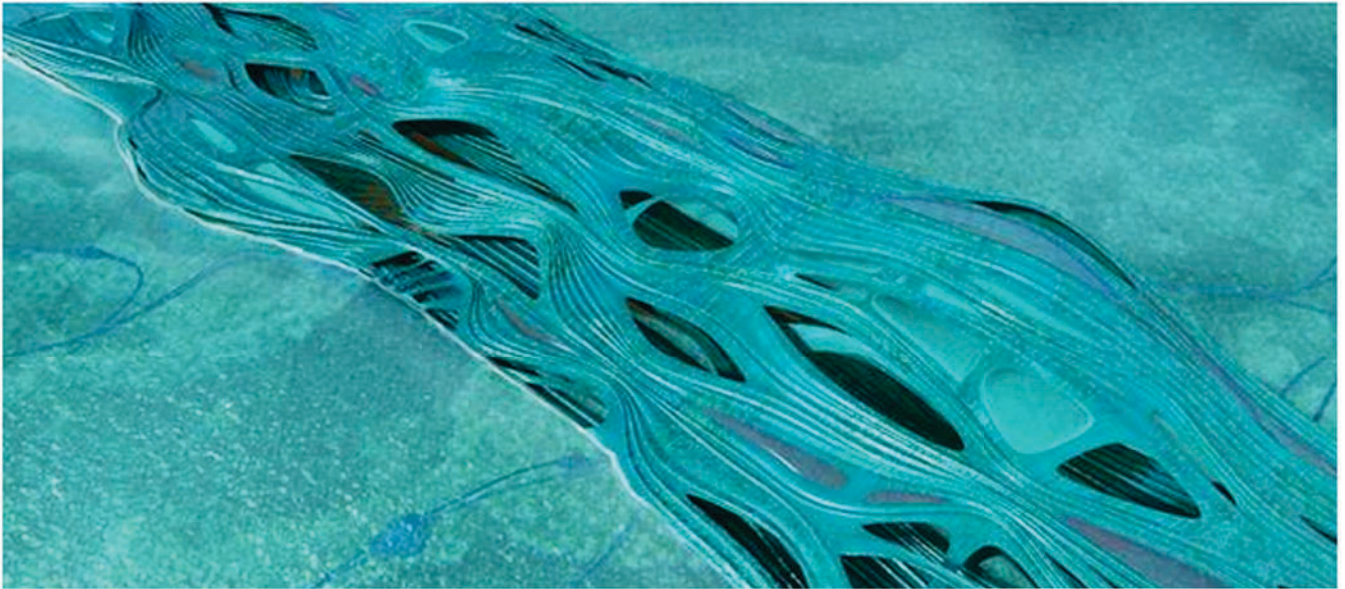
Jessica Hernandez, Edgar Garcia & Bing Bai – Biotic City

A floating linear structure composed of biodegradable materials grown and collected on-site. The project proposes a new post-industrial urbanism that forges relationships with the natural environment and its complex ecologies, while simultaneously engaging the needs and desires of human activity



Second Prize Winner – Jessica Hernandez, Edgar Garcia & Bing Bai – Biotic City

A floating linear structure composed of biodegradable materials grown and collected on-site. The project proposes a new post-industrial urbanism that forges relationships with the natural environment and its complex ecologies, while simultaneously engaging the needs and desires of human activity. This achievement is accomplished through the application of new advances in construction technology and material science.



In terms of programming, Biotic City proposes a new unconventional urban form, it is based on a complex large-scale platform that supports scientific research of complex marine ecologies while providing a livable city for human beings and the local flora and fauna alike. The proposal suggest a new way for humans to live and interact with their environment. Once the city is not needed the immediate environment will make it disappear because of it is built with biodegradable materials.

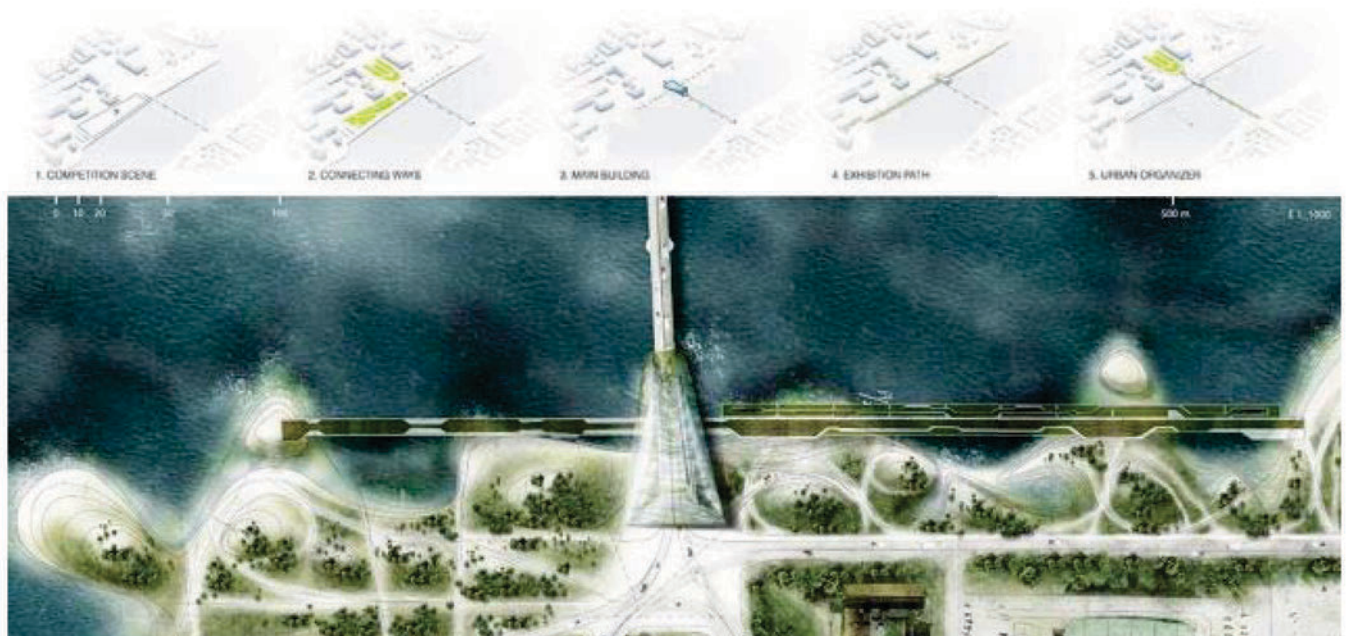
Third Prize

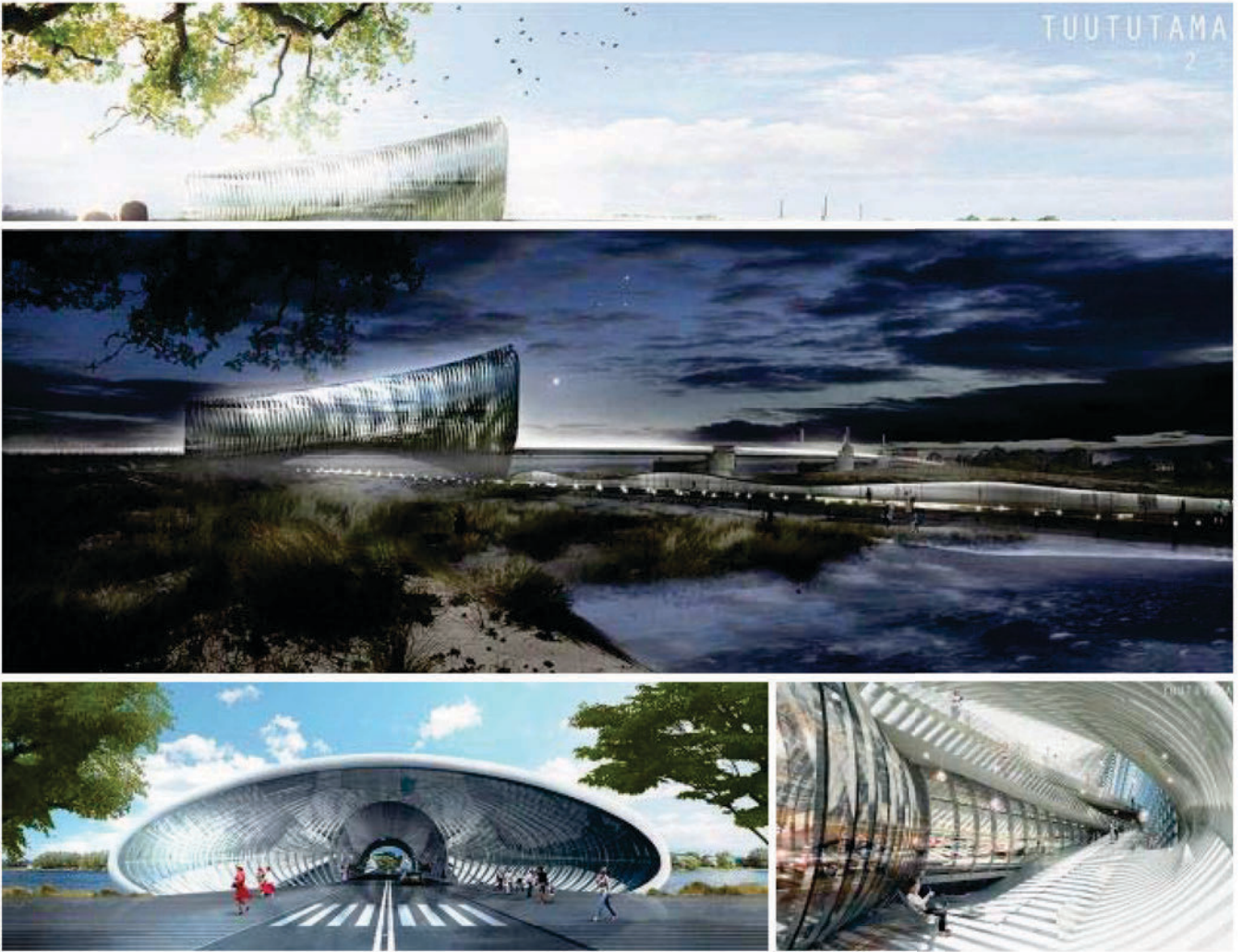
BAT and ACHAZABALLA arquitectos – Baltic Sea Park

Undulating building that envelops a bridge with public functions and ecological placed near a natural park and above a river. Sustainable use exploiting the natural elements



Linked element between the banks of Perona and Embecke, central axis to entrance in the city of Pärnu. The main building consists of an undulated form that “embraces” the bridge, creating an iconic entrance arch and gate to the city. The building includes several functions: the art pavilion illuminated with natural light leaning on the park, art-park accompanying sinuously the building, in synergy with the river; central building flexible and adaptable to any public function, accompanied by a superior poly-functional hall.





The study of water and green are designed for flexibility with active and passive recreation areas accessible to all. The artistic experience understands the concern of protecting natural resources and thus improve the combined approach of nature and culture.