

LISSONI  
ASSOCIATI  
MILANO  
DESIGN  
ARCHITETTURA

# New York City Aquatrium

The project creates a dynamic system that interacts with its surroundings, offering multiple ways to experience the water world represented by eight triple-height transparent biomes: four Oceans (Atlantic, Pacific, Indian and Southern) and four Seas (Caribbean, Mediterranean, Tasman and Red Sea), while the North and South Poles are expressed by a readily visible iceberg in the center of the Atrium.

The main idea is to generate an environment whereby visitors feel that they themselves are entering the water to discover the beauty of the marine life on display; a living shell that opens to the sky during the day to reveal the sea worlds and which closes as darkness falls to take on a "second life" as a planetarium, protecting the arena and the biome domes within, like a shell protects the pearl. Having the water level defined at the starting point of the project, the site is excavated to become a spacious and innovative water basin, with the Aquarium and Marine Center forming a submerged two-level island accessed via a perimetral ramp that starts from the lobby entrance and leads visitors along the biome pathway. A sloped beachfront encloses the Parking area to form a panoramic public space, while a boardwalk surrounds the basin to become a floating ring connecting the two waterfronts and encompassing the Aquarium and its sliding roof.



## WT SmartCity 2017 *Urban and Architectural Competition*



*Best selection of urban and architectural most innovative and sustainable concepts and projects*

## WT SmartCity Award 2017

*International Urban & Architectural Competition*

### WT SmartCity Award Event

3 - 9 April, 10.00 - 19.00

Palazzo Isimbardi, corso Monforte 35  
via Vivaio 1, Milano

Prize giving Ceremony 4th April 17.00

Best selection of urban and architectural most innovative and sustainable concepts and projects

### Among the candidate projects

AMD Arch. Michele De Lucchi - UniCredit Pavilion  
Delta Sync - Floating Ecosystem  
Ennead Architects - Fostering Resilient Ecological Design  
Jacques Rougerie - La Cite Des Mariens  
Joseph di Pasquale Architects - ChorusLife  
Labscape Design and Architecture - Jiraria  
Lissoni Architettura - NYC Aquarium  
Mad Architects - Nanjing Zendai Himayas Center  
Matteo Thun & Partners - JW Marriott  
OXO Architectes - Vertical City  
PAT Design - Dewa Headquarters  
Peia Associati - Kaikan  
Progetto CMR - Oxygen Ecotower  
Richard Moreta - Revurbanism  
Studioata - Tree Housing  
Urban Plunger - Hong Kong Led Light Hotel



## WT SmartCity Award 2017

*International Urban & Architectural Competition*

WT SmartCity Award international urban and architectural competition.

WT Studio, driven by a deep reflection about the future of the cities, research and select the most visionary and sustainable ideas and projects for a sustainable trasformation of the urban landscape.



In collaborazione con:



Media partner:



WTSmartCity 2017 Urban and Architectural Competition



Best selection of urban and architectural ideas  
between the most innovative concepts and projects

## LISSONI ARCHITETTURA

[www.lissoniassociati.com](http://www.lissoniassociati.com)

### New York City Aquarium

Lissoni Associati, a multidisciplinary architecture, interior and design firm based in Milan. With its multidisciplinary staff, the group encompasses all aspects of architecture, interiors and product design, as well as graphics, art direction and corporate identity.

#### Project description

The project consists of a dynamic system that interacts with its surroundings, seeking multiple ways to respond to the water with a structure of eight triple-height transparent floors, five domes (plastic, steel, glass and bamboo) and four fish elevators. The structure, Terrace and Deck, with the North and South sides are connected by a mobile walkway sliding in the center of the Terrace. The main aim is to propose an environmental, scientific project and that they immediately are entering the water to discover the history of the water through digital, a living wall that opens to the sky during the day to reveal the sea world and other species whereas able to rotate on a "vertical" side as a presentation platform for animals and the associated water, fish a visit projects the pool. Along the water level digital at the center point of the project, the site is intended to become a platform for a museum, water house, with the Aquarium and the Green Building is a unique and complex design presented as a permanent space that starts from the water entrance and goes up and down the water surface. A digital level that moves the Terrace area to form a permanent public space, while a flexible platform that aims to provide a platform for showcasing the fish aquarium and incorporating the Aquarium and its living wall.



Collaboration with:



Media partner:



Città  
metropolitana  
di Milano