Expo Milan 2015

THE RUBNER GROUP PROTAGONIST OF THREE INTERNATIONAL PROJECTS

Alessandro Lacedelli - Rubner Objektbau S.r.l.
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CLUSTER 1 / EAST

key features

43 buildings

the wooden structures (PEFC) were assembled in just 2 months

on 5th February 2015 there was the official handover of the Bio-Mediterranean Cluster to the Montenegrin and Maltese delegations, respectively, with a turnkey formula

more of 30 Countries

CREDITS:
Client: Expo2015S.p.A.

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CLUSTER 1 / EAST: building site
The Bio-Mediterranean Cluster was an area with a blend of colours and aromas of the Mediterranean Sea.

The countries on the Mare Nostrum were: Albania, Algeria, Croatia, Egypt, Greece, Lebanon, Libya, Serbia, Malta, Montenegro, Tunisia and San Marino.

The area included 12 exhibit buildings, 3 technical buildings and 4 kiosks facing a square covered by a pergola.

The surface was 7.304 m² of which:
• 2.625 m² (125 * units) as “covered surface” designed for Individual Exhibition Spaces (4.750 m² on two levels)
• 4.350 m² for the Common Area
• 330 m² as “covered surface” for technical spaces
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CLUSTER 1 / EAST: «BIO-MEDITERRANEAN»
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CLUSTER 1 / EAST: «BIO-MEDITERRANEAN»
The Cluster dedicated to "Islands, Sea and Food" was distinguished by its exotic nature and their diet, based on the sustainable use of marine resources, such as Cape Verde, the Maldives, the Seychelles, the Caribbean countries and the Pacific island states.

It was composed of two exhibit buildings, one technical building, a tasting area plus a covered square with bamboo-cane sunscreens.

The surface was 2535 m² of which:
- 750 m² as "covered surface" designed for Individual Exhibition Spaces (no double level in this cluster)
- 1,720 m² for the Common Area
- 65 m² as "covered surface" for technical spaces.
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CLUSTER 1 / EAST: «ISLANDS, SEA AND FOOD»
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CLUSTER 1 / EAST: «ISLANDS, SEA AND FOOD»
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CLUSTER 1 / EAST: «ISLANDS, SEA AND FOOD»
CLUSTER 1 / EAST: "ISLANDS, SEA AND FOOD"
The Food and Nutrition Cluster in the Arid Zones was the centre of a desert landscape. The countries in this area were: Eritrea, the Palestinian territories, Mauritania and Senegal.

The area included 8 modular exhibit buildings and one technical building, placed around a covered square featuring cylinders and polycarbonate cables hung from a steel structure.

The surface was 4,030 m² of which:
- 1,125 m² (125 units) as “covered surface” designed for Individual Exhibition Spaces (2.125 m² on two levels)
- 2,840 m² for the Common Area
- 65 m² as “covered surface” for technical spaces.
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CLUSTER 1 / EAST: «ARID ZONES»
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CLUSTER 1 / EAST: «ARID ZONES»
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CLUSTER 1 / EAST: «ARID ZONES»
CLUSTER 1 / EAST: «GRAINS AND TUBERS»

The "Grains and Tubers" Cluster represented a valley dedicated to an tour of the grains and tubers of the world. Among the countries presented their agricultural economy were Bolivia, Haiti, Mozambique, Togo, Congo and Zimbabwe.

This Cluster was composed of 7 modular buildings covered in jute. In the central corridor there was a sunscreen which leads to a covered square, characterized by a large fireplace opposite a building which was used for catering.

The surface was 3.820 m² of which:
- 1.125 m² (125 units) as “covered surface” designed for Individual Exhibition Spaces (2.250 m² on two levels)
- 2.455 m² for the Common Area
- 240 m² as “covered surface” for technical spaces.
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CLUSTER 1 / EAST: «GRAINS AND TUBERS»
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CLUSTER 1 / EAST: details
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Spools were a natural space that, from an architectural point of view, resembled a garden with trees and large branches.

This special area was dedicated to children and, thanks to the intrinsic values of wood (PEFC), was able to convey and recall the values of sustainability: from the tree to wood, symbols of growth and a future in harmony with nature.
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«ROCCHETTI/SPOOLS - CHILDREN PARK»: building site
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«ROCCHETTI/SPOOLS - CHILDREN PARK»

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«ROCCHETTI/SPOOLS - CHILDREN PARK»: details

✓ the wooden structures:
  • like a clepsydra
  • height 5,0 m
  • diameter 5,0 - 8,0 m

✓ «ROCCHETTI»: wood+steel:
  • height 7,5 m
  • diameter 12,0 m
«SLOW FOOD»

✓ Architecture: Herzog & de Meuron

✓ 3 Pavilions:
  • “Exhibition”
  • “Tasting”
  • "Theatre"
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«SLOW FOOD»: building site
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«SLOW FOOD»
«SLOW FOOD»: details

For the three pavilions were produced in total ca. 320 m$^3$ of Glulam. The wooden structures (PEFC) were assembled in just 25 days.

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EXPO MILAN 2015  video April 2015
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The services of management and maintenance of the works was acquired on 04/30/2015

- **CL1/EAST** management and maintenance
- **ROCCHETTI/SPOOLSI - CHILDREN PARK** maintenance
- **SLOW FOOD** maintenance full service

The total value of:

1. "CL1/EAST",
2. "ROCCHETTI/SPOOLS - CHILDREN PARK",
3. "SLOW FOOD"
4. "services of management and maintenance"

was 27.000.000,00 €
The success of this work is due to the close cooperation of the companies of Group Rubner
MANY THANKS FOR YOUR ATTENTION!