Final InnovaConcrete Workshop:
Conservation of the 20th Century Concrete-based Cultural Heritage:
Innovative materials, procedures and awareness

Objectives:
(i) To disseminate the targets, challenges and final results of InnovaConcrete project.
(ii) To disseminate the knowledge of concrete heritage conservation of the 20th Century with special emphasis in the Modern Architecture.
(iii) To promote citizen awareness around concrete heritage.

Thursday, December 2nd, 2021
8.30 Registrations
9.00 Welcome and opening ceremony
9.20 Overview of the InnovaConcrete project
10.15 Official presentation of the Benchmark Guidance Document for conservation of XX century heritage
10.30 The significance of the Cadiz document for XX century heritage conservation policies and intervention protocols. A stand-alone and open discussion, the panel will consist of experts from architecture, restoration and construction companies, and cultural heritage institutions.
12.23 Visit to Gonzalez Byass (Jerez de la Frontera, Cadiz)
12.30 Lunch
14.00 Official presentation of the selection of the 100 significant concrete heritage structures from the 20th century: The 100 of the 20th.
15.20 InnovaConcrete social targets. Citizen awareness of modern concrete heritage activities, socio-economic analysis tools and methods.
16.00 Open discussion about social targets

Friday, December 3rd, 2021
9.00 Laboratory validation protocols of the materials and technologies.
9.20 In situ validation of the InnovaConcrete materials and techniques. Overview of the technologies developed during the project and validation results, consolidation and laboratory perspectives. Round table and open discussion.
• Materials and validation tests for product application results for the project partners.
• Open discussion of false positives and false negatives perspectives.
• Superhydrophobic and consolidating treatments generating C-S-H gel.
• Consolidation treatments compatible with concrete valuations.
• Consolidation treatments for ensuring smooth surfaces and volumes.
• Repair mortars reinforced with nanocomposites.
• Improved and enhancing treatments for concrete.
• Repair mortars reinforced with superhydrophobic surfaces.
11.20 Lunch
11.45 In situ validation of the InnovaConcrete materials and techniques. Significance of the case studies, characterization, first application experiences, validation and laboratory studies. Round table and open discussion.
• Superhydrophobic and consolidating treatments generating C-S-H gel.
• UMBRA II (Rubi, Spain) and Erkkörnä (Helsinki, Finland)
• Sotogrande (Tarifa, Cadiz, Spain)
(2002) and Erkkörnä (Helsinki, Finland)
• Granada (Granada, Granada, Spain)
• Centro de Arquitectura (Bilbao, Basque Country)
• Donostia (San Sebastian, Basque Country, Spain)
13.15 Lunch
14.15 Further perspectives of concrete heritage conservation, beyond the InnovaConcrete project. Discussion and open questions
14.45 Practical demonstration of the InnovaConcrete technologies and materials
15.05 Summary and concluding remarks
Saturday, December 4th, 2021
9.20 Overview of the InnovaConcrete project
11.00 Guided visits to representative 20th century heritage buildings in the city of Cadiz
12.30 Visit to Gran Bodega Tío Pepe designed by Eduardo Torroja
13.30 Lunch
14.30 Official presentation of the selection of the 100 significant concrete heritage structures from the 20th century: The 100 of the 20th
15.00 Summary and concluding remarks

Practical Demonstrations
A stand with practical demonstrations of products and technologies developed in InnovaConcrete (materials and plasma atmospheric device, etc.) will be available during the complete session.
A stand showing information about the other case studies (including sampling videos, information about concrete heritage) will also be available.

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