

## SIDE EVENT

# INTERNATIONAL WORKSHOP ON WASTE ARCHITECTURE / WASTE MANAGEMENT IN LANDSCAPE AND URBAN AREAS



### SESSION H3 / BALDACCHINO ROOM / 9:00-10:40

#### WASTE ARCHITECTURE: NEW VISIONS AND PERSPECTIVES

Chairs / *Presidenti*: Anna Artuso, Elena Cossu (IT)

*E. Cossu, A. Artuso (IT)*

New visions for landfill architecture

*D.J.M. Marshall (US)*

Computational arrangement of demolition debris

*E. Gasparini (IT)*

Landscape integration of a waste disposal plant: a case study

*G. Bassi (IT)*

Contaminated urban areas and redevelopment: analysis and assessments on the TMB Salario's case study

**10:40 - 11:10** Coffee break

### SESSION H4 / BALDACCHINO ROOM / 11:10-12:50

#### FUNCTIONAL REQUALIFICATION OF OLD LANDFILLS: CASE STUDIES AND TECHNICAL ASPECTS

Chair / *Presidente*: Marina Rigillo (IT)

*D. Martin, M. Héroux (CA)*

Frederic-Back Park, Montreal, Canada: how 40 million tonnes of MSW supports a public park

*A. Pederzoli, B.N. Cerqueira, C.A.A. Catapreta, M.C.S. Ribeiro, P.G.B. Heller (BR)*

Restoration of sanitary landfills in public park: the case study of Belo Horizonte Landfill, Brazil

*S.M. Colombo (IT)*

The naturalistic recovery of an old landfill: the case of Vizzolo Predabissi, Milano

*K. Haarstad (NO)*

Can we build on old landfills?

*R. Congiu, B. Caschili, F. Secchi, G. Agate, , P. Cossu (IT)*

Use of pistacia lentiscus in the revegetation of landfill sites - Selection and crop-soil simulation

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## SESSION H5 / BALDACCHINO ROOM / 15:30-17:10

### **IWRECKS - Industrial Wrecks: Reusing, Enhancing, aCKnowledging Sheds**

Chair / *Presidente*: Stefanos Antoniadis (IT)

iWrecks is a research project funded by POR FSE 'Veneto' 2014-2020. iWrecks aims to provide innovative visions and operational tools to professionals, investors, stakeholders and citizens involved in the retraining of abandoned, decommissioned and dismissed industrial sheds. In Veneto a huge amount of industrial estate demands for new uses. An important part of the research programme concerns useful practices for the recognition of what really must be reduced to waste and what can instead be maintained, transformed, reinterpreted avoiding the threatening obsolescence.

The multidisciplinary approach of the research project, as well as the dedicated slot, helps the actors, involved in the production industry of reuse, in the pursuit of the goals of significant demolition reduction – so waste reduction – and programmatic practices of circular economy

#### **Introductory lectures:**

*L. Stendardo (IT)*

The power of the wreck: orienting visions

*S. Antoniadis (IT)*

iWrecks pilot scenarios: reducing waste and avoiding the threatening obsolescence in Architecture

*R.A. Bernardello, R. Malesani (IT)*

BIM and Urban Mining: information models for the C&D waste management and computation

**17:10 - 17:40** Coffee break + Poster discussion

## SESSION H6 / BALDACCHINO ROOM / 17:40-19:20

### **WASTE MANAGEMENT IN URBAN AND PERI-URBAN AREAS**

Chair / *Presidente*: Maria Cristina Lavagnolo (IT)

*C. Cord'Homme (FR)*

New "material-from-waste" facility in Paris (France)

*E.W. Rutkowski, E.Z. Monteiro, R.A. Freire, A.M. Reis de Goes Monteiro (BR)*

Acknowledging waste pickers cooperatives as prime urban facilities

*J. Zeilinger, M. Huber-Humer (AT)*

Sustainable temporary housing in urban areas - The role of waste resource management

*M. Russo, L. Amenta, A. Attademo, M. Cerreta, E. Formato, F. Garzilli, C. Mazzarella, M. Rigillo, V. Vittiglio (IT)*

Short supply chain of waste flows for landscape regeneration in peri-urban areas

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**SESSION H7 / BALDACCHINO ROOM / 9:00-10:40**

**DESIGN LAB**

*Chairs / Presidenti: Anna Artuso, Elena Cossu, Stefanos Antoniadis (IT)*

On 2nd October a practical landscape design lab session will be coordinated by Studio Arcoplan with the collaboration of Raffaello Cossu, Professor of the University of Padova and Stefanos Antoniadis, research fellow at the University of Padova.

The laboratory will be preceded by an introductory lecture on the topic. The lab session will give participants the opportunity to share their views with colleagues and experts within their working groups on a real case study.

The participants will elaborate a concept for the valorisation and/or requalification of the plant proposed and will be invited to illustrate the final project at the end of the laboratory. Two case studies, selected by the Scientific Committee among the numerous proposals received, will be evaluated and assessed during the planning and design workshop.

The selected proposers will present the case studies to participants, illustrating the specific details of the plant, any issues that need solving, and basic requirements or preferences to allow the planning and design team to draw up the best solution in terms of site requalification or functional reuse.

The proposers are Ecoserdiana Spa and Ecofer Ambiente Srl.

The Workshop is a Sardinia 2019 Parallel Event and **participation is free** for all Symposium delegates.

**10:40 - 11:10** Coffee break

**SESSION H8 / BALDACCHINO ROOM / 11:10-12:50**

**DESIGN LAB**

*Chairs / Presidenti: Anna Artuso, Elena Cossu, Stefanos Antoniadis (IT)*

In session H8 the activity started in the previous session will be continued.

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**SESSION H9 / BALDACCHINO ROOM / 15:30-17:10**

**DESIGN LAB**

*Chairs / Presidenti: Anna Artuso, Elena Cossu, Stefanos Antoniadis (IT)*

In session H9 the activity started in sessions H7 and H8 will be continued.

**17:10 - 17:40** Coffee break + Poster discussion

**SESSION H10 / BALDACCHINO ROOM / 17:40-19:20**

**DESIGN LAB**

*Chairs / Presidenti: Anna Artuso, Elena Cossu, Stefanos Antoniadis (IT)*

At the end of the design lab, the participants will produce a concept for the valorisation and/or requalification of the plant proposed and will be invited to illustrate and discuss the final project.