Sustainable management of built heritage is a priority that cannot be postponed on a global scale. Existing and foreseen policy plans and targets of UE in the Sustainable development area will imply the need of a huge amount of experts with green competencies and skills. The United Nations Sustainable Development Goal (UNSDG) 11 “SUSTAINABLE CITIES AND COMMUNITIES” is assumed here as one of the reference topics for the development of appropriate national and supranational policies.

The European Campus of City-Universities (EC2U) is a multi-cultural and multi-lingual Alliance consisting of seven long-standing, education and research, locally and globally engaged universities from four diverse regions of the European Union: the University of Coimbra (Portugal), Alexandru Ioan Cuza University of Iasi (Romania), the University of Jena (Germany), the University of Pavia (Italy), the University of Poitiers (France), the University of Salamanca (Spain) and the University of Turku (Finland).

B.SuRe Winter School is part of EC2U activities for students. The main aim of the School is to trigger processes of exchange and experimentation between students and scholars of different disciplines, focused on the field of building and urban sustainability, with reference to the intervention on historic cities and building heritage.

**UNIVERSITIES AND MUNICIPALITIES CASE-STUDIES**
The discussion of case studies concerning functional regeneration projects, restoration, reuse ongoing or programmed.

**FOCUS GROUP AMONG PARTICIPANT STUDENTS**
The students will be involved in focus groups aimed to share and discuss personal thoughts concerning their experiences, expectations and visions concerning their studies.

**FINAL CONFERENCE AND ROUNDTABLE**
Final conference open to a wider audience, including local professional associations, with the participation university contributions at a round table with local administrators, School faculty members and local community representatives.

**REGISTRATION DEADLINE** FEBRUARY 21ST 2022

**ACADEMIC PROGRAM**

**TOPIC 1 URBAN SUSTAINABILITY**

- Prof. Roberto De Lotta: urban sustainability development strategies and tools.
- Prof. Juan José Astra Roa: sustainable urban development.

**TOPIC 2 SUSTAINABLE REUSE**

- Prof. Carlos Gameiro: Sustainable reuse and restoration, a resilience-based approach.
- Prof. Marco Morandotti: Sustainable reuse and restoration. A resilience-based approach.
- Prof. Daria Baliani: Sustainable reuse of cultural heritage. Models and strategies.

**TOPIC 3 ENERGY RETROFITTING OF CULTURAL HERITAGE**

- Prof. Myriam Leardi: Energy retrofitting of public historic buildings.

**TOPIC 4 INNOVATIVE TECHNOLOGIES FOR HERITAGE REPRESENTATION AND VALORISATION**

- Prof. Sandra Pannierlo: Digital documentation for heritage conservation and valorisation.
- Prof. Massimiliano Savona: Historical architecture between aesthetic and techniques.

**BEST PRACTICE & CASE STUDIES: UNIVERSITY OF PAVIA**

- Prof. Alessandro Greco: Office for sustainable actions.
- Municipality of Pavia: presentation.

**BEST PRACTICE & CASE STUDIES: MUNICIPALITIES**

- Other municipalities from EC2U alliance presentation.

**WINTER SCHOOL STUDENT ACTIVITIES**

- Student focus groups.

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**ACTIVITIES:**

- Joint lectures - key topics
- T1. URBAN SUSTAINABILITY
- T2. SUSTAINABLE REUSE
- T3. ENERGY RETROFITTING OF CULTURAL HERITAGE
- T4. INNOVATIVE TECHNOLOGIES FOR HERITAGE REPRESENTATION AND VALORISATION

**FOR MORE INFORMATION:**

- b.sure.unipv@gmail.com
- http://play.unipv.it/b-sure-winter-school/

**EC2U ALLIANCE ONLINE WINTER SCHOOL**

**24/25 FEBRUARY - 02/03/04 MARCH 2022**

**UNIVERSITY OF PAVIA**

**B.SuRe WINTER SCHOOL BUILDING SUSTAINABLE REUSE**

- WHEN: 24/25 February - 2/3/4 March
- WHERE: Online - ZOOM Platform
- FOR WHO: Msc Students (2 ECTS)
- LANGUAGE: English