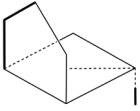
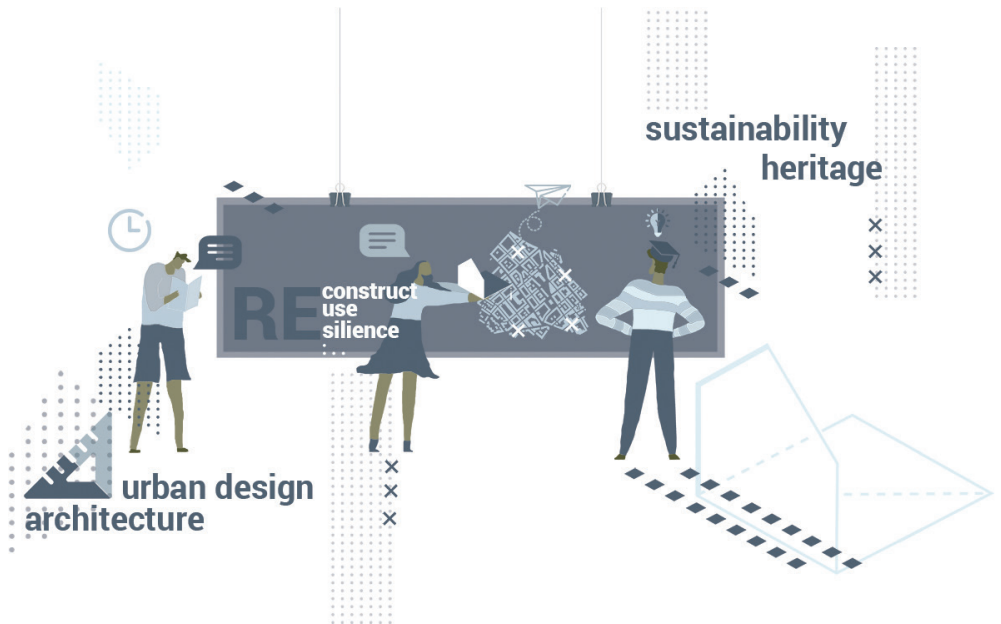


HERSUS Project Digest

Enhancing of Heritage Awareness and Sustainability of Built Environment in Architectural and Urban Design Higher Education



HERSUS



hersus.org

HERSUS

Enhancing of Heritage Awareness and Sustainability of Built Environment in Architectural and Urban Design Higher Education

November 2020 – August 2023

Project Reference:

2020-1-RS01-KA203-065407

Funding Scheme:

Erasmus+ Strategic Partnership in Higher Education (Programming period 2014-2020)

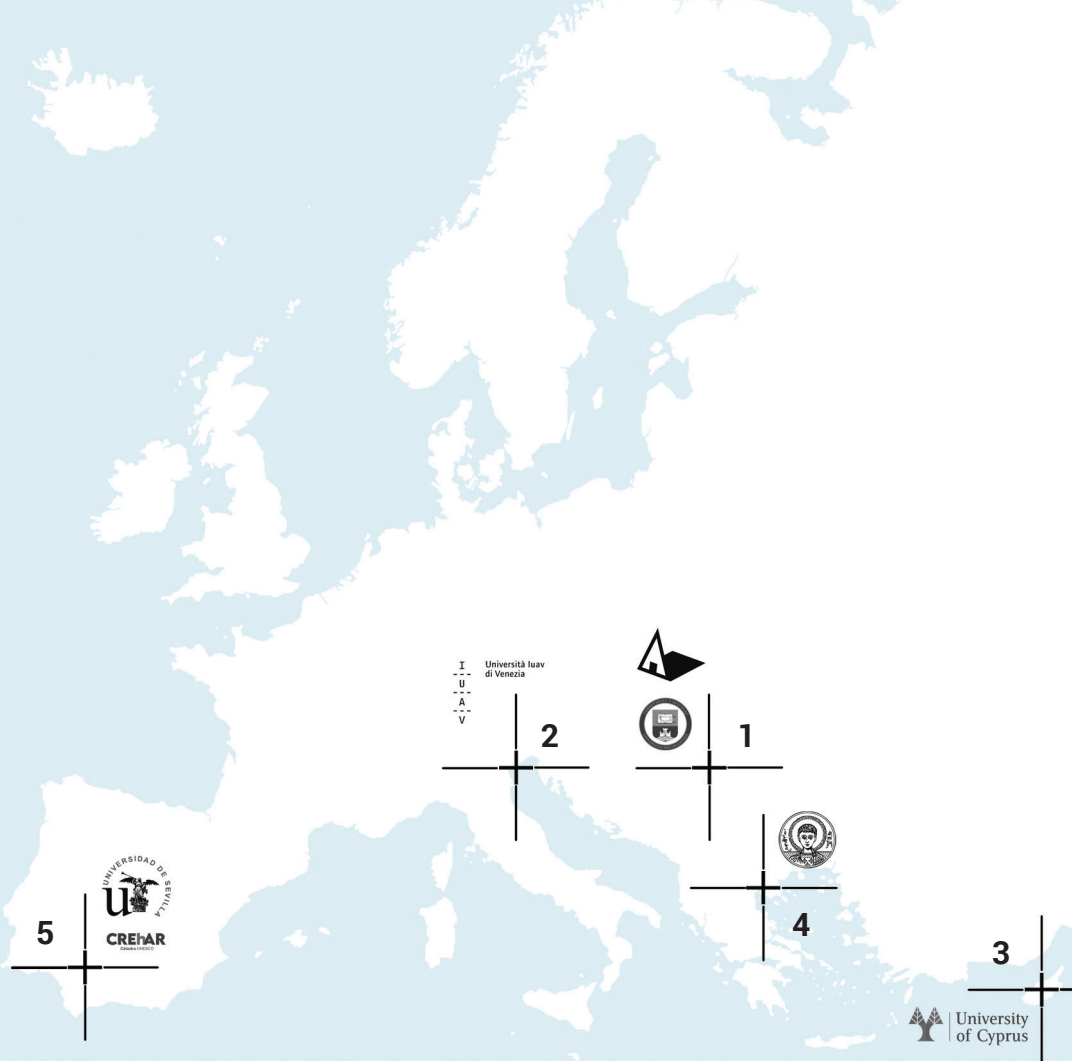
Project Topics:

Environment and Climate Change,
New Innovative Curricula / Educational Methods /
Development of Training Courses,
Creativity and Culture

Project Description:

HERSUS proposes enhancing and testing of innovative teaching practices in the field of sustainability of the built heritage. The project strives to enhance the competence and motivation of educators and researchers to include curricula elements that will have tangible results, preparing students and educators to become real actors of the environmental change. HERSUS aims (1) to enhance existing study programs at the Master level, and (2) to achieve a stable and sustainable education framework complementary to the globally established goals in the field of architectural and urban design education.

Disclaimer The creation of these resources has been co-funded under grant no. 2020-1-RS01-KA203-065407 (funding period 2020-2023; total grant 246.922,00 €). This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Lead Organization:

1 - University of Belgrade - Faculty of Architecture / SERBIA

Partner Organizations:

2 - Iuav University of Venice / ITALY

3 - University of Cyprus / CYPRUS

4 - Aristotle University of Thessaloniki / GREECE

5 - Universidad de Sevilla - UNESCO Chair CREhAR / SPAIN



Co-funded by the
Erasmus+ Programme
of the European Union



2021

2022

M. Transnational Project Meetings

M1: Kick-off meeting

Belgrade

M2: Design and development meeting 1

Venice

C. Learning/Training/Teaching Activities

C1: Seminar for Teachers: Teaching through design for Sustainability of the Built Environment and Heritage Awareness

C2: Student Workshop 1: Sustainable Reconstruction in Urban Areas

E. Multiplier Events

E1: HERSUS Intro Presentation

E2: Presentation of the professional profile

IO. Intellectual Outputs

IO1: REVIEW: Best Practices on Educating Sustainability and Heritage

IO2: STUDY: Questionnaire for the State-of-the-art

IO3: STATEMENTS: Teaching through Design for Sustainability of the Built Environment and Heritage Awareness

IO4: SHARING PLATFORM

HERSUS Lifetime

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

M3: Design and development meeting 2

Nicosia

M4: Design and development meeting 3

Thessaloniki

M5: Synthesis meeting

Seville

M6: Final meeting

Belgrade

C3: Student Workshop 2: Adaptive Reuse

C3: Student Workshop 3: Resilience and Future Heritage

C5: Training for Teachers: Design Studio-based Methods and Techniques

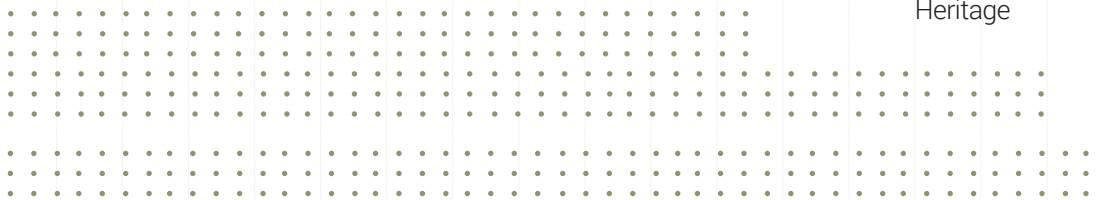
E3, E5-E8: Open Houses

E4: HERSUS Prize on Modern Heritage

E9: Final Presentation

I05: BOOK OF COURSES

I06: HANDBOOK: for students on Research and Design for the Sustainable Heritage



IO-1



Scan code for
IO1 content:

Review

Best Practices on Educating Sustainability and Heritage

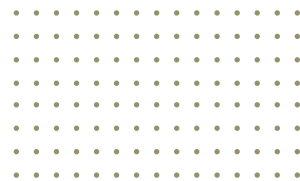
The IO1 presents data collection from each of the participating schools of Architecture, as well as from other relevant associated organisations. The development of the Review encouraged rethinking of (1) teaching practices on the sustainability of the built environment and (2) teaching possibilities on heritage awareness.

This publication is structured in 3 main parts:

- Built Architectural and Urban projects,
- Pedagogical and Educational Models,
- Influence of National Policies on the Sustainability of Heritage.



built projects
pedagogical models
policy framework



IO-2

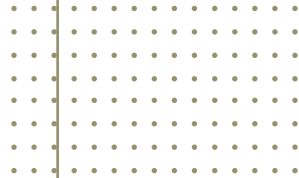


Study

Questionnaire for the State-of-the-art

The IO2 engages analytical, process and problem-based research in order to examine the state of the art in the field of urban and architectural design education, in line with the notions of sustainability and heritage. The IO2 is the product of a survey design, dissemination and analysis strategy. The survey consisted of a two-pronged approach focusing on two target groups, experts and students, residing in the HERSUS respective countries, aiming at creating an argumentative and critically analyzed report on the state of learning of sustainability and heritage in the field of the urban and architectural design of higher education.

Scan code for IO2 content:



**skills
competences
employability**

IO-3

Scan code for
IO3 content:



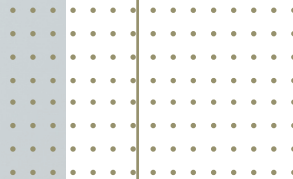
Statements

for Teaching through Design for Sustainability of the Built Environment and Heritage Awareness

The IO3 presents a strategy containing (1) necessary qualifications that an architect has to obtain in order to be competent for architectural and urban design, as well as (2) up-to-date qualifications that architectural educator needs to obtain in order to advance teaching on sustainability of the built environment and heritage awareness. The IO3 aims at reaching a consensus among the HERSUS consortium on concepts and fields of action relevant to sustainability and heritage within 5 clusters: notions, heritage types, design approaches, design actions, and design tools.



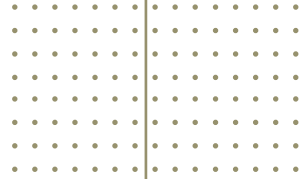
notions
heritage types
design approaches
design actions
design tools



IO-4

Sharing Platform hersus-sharingplatform.org

The HERSUS Sharing Platform is a digital platform for researchers and students conceived as an educational tool and archive of resources around the topics of sustainability and heritage awareness in architecture and urban design. The platform has been designed and developed as a source of reference and inspiration to refer to when doing research in the fields that the HERSUS project aims to investigate. Within the platform, links are created between apparently distant subjects, showing underlying narratives, connections and overlappings that bring contents together on different levels.



Scan code for
IO4 content:



digital tool
georeferencing
repository
tag matrix



IO-5

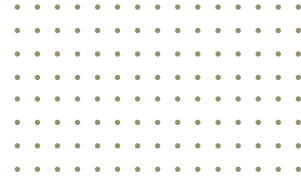
Book of Courses

Imagining Program for Sustainability of the Built Environment and Heritage Awareness

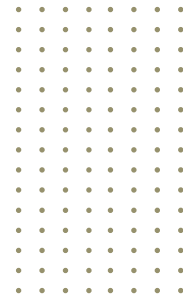
Scan code for IO5 content:



The IO5 is designed and developed in a form of study program with the identified need for the innovative curriculums within the thematic framework of sustainability and heritage, among the partner organizations, and also other organizations in participating countries in Europe. The development of the IO5 is essential for the HEI system in European countries, for its alignment with European standards, and for creating opportunities for long-term partnerships between HEIs in the field of architectural and urban studies.



fundamentals
electives
design studio
workshops



IO-6

International Handbook for Students on Research and Design for the Sustainability and Heritage

Scan code for
IO6 content:



The IO6 is conceptualised in the form of learning material that covers a wide range of competencies within the scope of (1) Sustainable Reconstruction in Urban Areas, (2) Adaptive Reuse and (3) Resilience and Climate Change - the methodologies, examples of good practices and case studies.

The objective of this output is to provide didactic framework by professionals who are involved in the project, which should be used on existing and new courses on the master's level.



**education
practice
research**

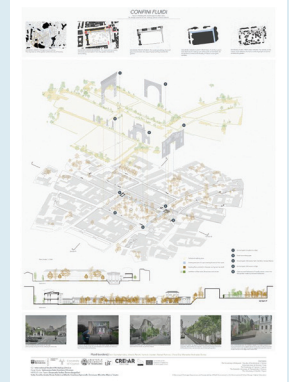
C2

Student Workshop 1: Sustainable Reconstruction in Urban Areas

The C2 was hosted by Università Iuav di Venezia. The case study was the Valmarana Salvi Gardens in Vicenza. The workshop main objective was to understand how historical gardens could influence contemporary communities and designers. The workshop tended to illustrate the enduring impact of the cultural and historical places and encouraged students to re-think them through contemporary viewpoints. From the onsite experience, students engaged mapping concerning the Cultural Heritage of urban areas.



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Syllabus:



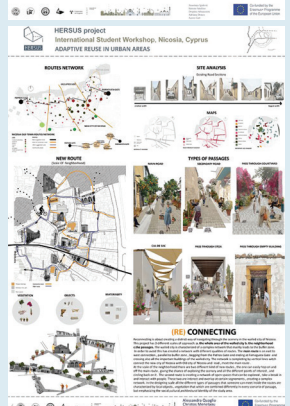
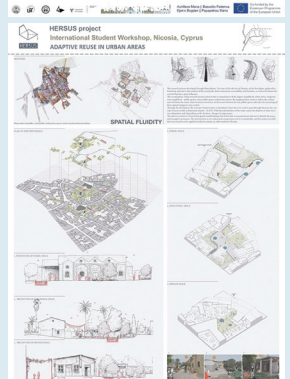
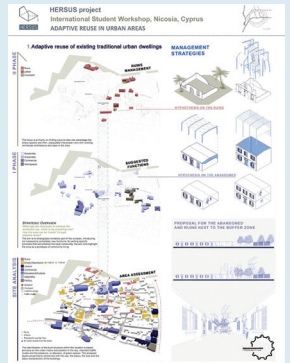
C3

Student Workshop 2: Adaptive Reuse

The C3 was hosted by University of Cyprus. The case study was the walled city of Nicosia. The workshop was an opportunity for students to develop a different attitude toward cultural heritage and sustainability focusing on the adaptive reuse of dwellings, semi-open and open spaces. Students considered various tools and strategies for the adaptive reuse of vernacular buildings and open private and public areas. At the same time, they were asked to achieve a balance between the memory and historic values of these spaces and contemporary interventions.



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Syllabus:



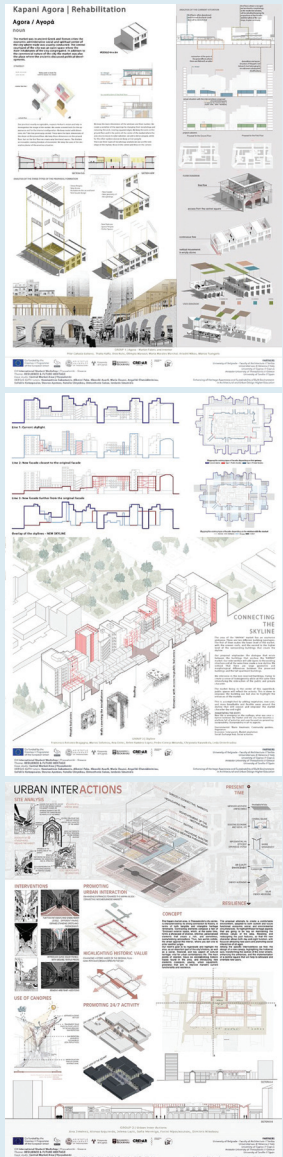
C4

Student Workshop 3: Resilience and Future Heritage

The C4 was hosted by Aristotle University of Thessaloniki. The case study was the Central Market Area in Thessaloniki. The issues raised by the focus on Thessaloniki's historic central markets closely linked the notions of Cultural Identity, Resilience, and Future Heritage. These entail an elaboration on the evolution of Urban Heritage in the establishment of a multifaceted Heritage Site, where Modern Heritage is striving for attention within an area densely occupied by Historic Monuments, whereby Tangible and Intangible Heritage are equally important for the preservation of cultural identity.



Scan code for
Syllabus:



E4

HERSUS PRIZE on Modern Heritage

The HERSUS Prize was hosted by University of Seville - UNESCO Chair CREhAR. The HERSUS Prize awarded best-practices in Europe on sustainability and cultural heritage in architectural and urban design: in education (student projects and pedagogical initiatives), professional practice, and research. The main objective of HERSUS Prize is to contribute to a greater visibility and awareness regarding Modern Heritage by awarding projects and initiatives that approach Modern Heritage on innovative and sustainable ways.



Scan code for
Prize page:



CATEGORY 1 EDUCATION - STUDENTS

Artist residence in Gerena
Luis Felipe Pérez

*BIGZ: Participatory Heritage
Management*
Peter Covell

CATEGORY 2 EDUCATION - INSTRUCTORS

Epoch. Film. Architecture
Ivan Rašković; Miloš Kostić

*ARH 511: Architecture and
a Critical History of Ecology*
Panayiota Pila; Danae
Zacharia

CATEGORY 3 PRACTICE

Nursery BVM Irandesas
Sara de Giles Dubois; José
Morales Sánchez; Rocío
Casado Coca

Loulé Music Conservatory
Victor Mestre; Sofia Aleixo

CATEGORY 4 RESEARCH

*Designing Modern Built
Heritage from Andalusia*
Victor Pérez Escolano

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Youtube: Hersus Project