The research project presents a systematic inventory of topics related to 20th century buildings as objects of guardianship, a critical reflection on these topics, new knowledge in hitherto unexplored domains, as well as a selection of intervention strategies and practical tools.

The main goal of the project is to provide architects, engineers, professionals from preservation departments and institutions, faculty members and students, with the competencies and knowledge needed to discover and enhance recent heritage features. The Encyclopaedia project has also the aim of making the world of architectural design more aware of restoration, reuse and sustainability issues.

SUPSI

Critical Encyclopaedia of Re-use and Restoration of 20th Century Architecture

I. Historical and Critical Tools for Conservation
Resp.: Roberta Grignolo, Bruno Reichlin (USI)
I.1 Conservation of 20th Century Heritage. History and Theory
I.4 Conservation of 20th Century Heritage. Case Studies

II. Material History of Buildings and Conservation Design
Resp.: Franz Graf (EPFL/USI)
II.1 Facades in 20th Century Architecture. Materials, Construction Techniques and Conservation
II.2 Industrialised and Prefabricated Construction Systems and their Conservation/Transformation
II.3 Building Services and Engineering, from Artificial Comfort to Energy Retrofitting

III. Historical-Critical Tools for Urban Preservation
Resp.: Konstanze Sylva Domhardt, Vittorio Magnago Lampugnani (ETHZ)
III.1 The Theoretical Discourse on the Preservation of the City
III.2 The Preservation of the City in the 20th Century. Urban Design and Building Conservation Strategies

IV. Methods and Practice in the Conservation-Restoration Process
Resp. Giacinta Jean, Christian Paglia (SUPSI – IMC)
IV.1 Developing and Implementing Projects
IV.2 Conservation Issues: Materials
The conservation of concrete
The conservation of colours in 20th Century architecture

Project leader
Bruno Reichlin
SUPSI Research team
Luigi Coppola
Giacinta Jean
Christian Paglia
Paola Piffaretti

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Project partners
Prof. Franz Graf
Politecnico Federale di Losanna (EPFL),
Prof. Roberta Grignolo
Accademia di Architettura di Mendrisio (USI-AAM),
Prof. Vittorio Magnago Lampugnani
Politecnico Federale di Zurigo (ETHZ)

Duration
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SUPSI
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Publications


- Grignolo R. (a cura di), Diritto e salvaguardia dell’architettura del XX secolo / Law and the Conservation of 20th Century Architecture, Mendrisio Academy Press-Silvana Editoriale, Mendrisio-Cinisello Balsamo, 2014


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Project partners
Prof. Franz Graf
Politecnico Federale di Lo- sanna (EPFL)
Prof. Roberta Grignolo
Accademia di Architettura di Mendrisio (USI-AAM),
Prof. Vittorio Magnago Lam- pugnani
Politecnico Federale di Zurigo (ETHZ)

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