



CLUSTER RECUPERO E MANUTENZIONE

SITdA
Società Italiana della Tecnologia dell'Architettura



CALL FOR BEST PRACTICES

Best practices for the regeneration project **BEYOND** the pandemic

SITdA Cluster Rehabilitation and Maintenance Award 2022

INTRODUCTION

New ways of living and new social spaces in the post-COVID era

The pandemic has affected all spheres of our lives, redefining every aspect, from collective behaviour to individual routines, and producing effects of suspension and reorganisation that reverberate on cities and territories, relational spaces that suddenly have been denied their identity.

The research question starts from the observation of the experiences undertaken especially in the last year. They stimulate a reflection on the contribution of the project for the built environment regeneration with respect to the instances of public health, resilience and sustainability, also addressing the experiences carried out in the last five years, which have a potential to respond to these instances.

In the past, mitigating the effects of major disasters has always involved triggering processes to transform the built environment, with experimental consequences that have had significant repercussions for the morphological, distributive and constructive solutions of public and private spaces.

The international and European agendas stimulate to think about the actions to put in place for the energy and digital transition, based on the circular processes, i.e. symbiotic relationships between the components of the urban system. In this perspective, the city, as the place where the built and natural environment interacts, plays a strategic role both in social and environmental results and in technological innovation.

The challenges of this transition highlight the need to understand the adaptive capacity of urban systems with respect to new instances of change, in order to elaborate strategies capable of incorporating and transforming them into opportunities for generating multidimensional impacts.

In Italy, the PNRR notes the vulnerabilities and national delays linked in particular to climate change, digital innovation and social inequalities, investing resources in the relative missions of digitalisation, innovation, competitiveness, culture and tourism; the green revolution and ecological transition; infrastructures for sustainable mobility; education and research; inclusion and cohesion; and health. In support of global policies and challenges, research in the European context with the new Horizon Europe supports SDG11 «Sustainable Cities and Communities» by focusing on Culture, Creativity and Inclusive Society, Climate, Energy and Mobility, and Bioeconomy, Natural Resources, Agriculture and Environment.

On these issues, Rehabilitation and Maintenance, as strategies to govern the transformation processes of the built environment, are called to intervene, responding at the same time to the urgent need to define new ways of living and new spaces of sociality in the post-Covid 19 era.



CALL TOPICS

The Call for Best Practices aims at mapping the declinations that the rehabilitation and maintenance project assumes, at different scales, in a context of new uncertainty and fragility. The goal is to make known, disseminate and learn from successful Best Practices that have positively contributed to innovate the design and management of the built environment.

Best Practices responding to the following topics will be selected:

1. PROCESS INNOVATION IN THE POST COVID ERA: REHABILITATION OF THE COLLECTIVE USE SPACE

Sub-themes:

- 1.1. *Rehabilitation and maintenance of public space, between culture, creativity and social inclusion*
- 1.2. *Rehabilitation and maintenance of Common Goods: shared management of the built and natural environment, between public and private sectors*
- 1.3. *Rehabilitation and maintenance of urban open spaces: between sociality and ecosystem services.*

2. INNOVATIVE TECHNOLOGIES FOR THE REHABILITATION AND MAINTENANCE OF THE BUILT ENVIRONMENT

Sub-themes:

- 2.1. *New models and digital technologies for maintenance and life cycle management of buildings*
- 2.2. *New models and digital technologies for the reuse of urban and building systems and components, in a circular economy perspective*
- 2.3. *New models of living and environmental and technological requirements for the post COVID-19 project*

TERMS AND CONDITIONS

The call is open to academics and professionals in the field of Rehabilitation and Maintenance at the building and urban scale. There is also a section for students on the LM-4 Architecture and Building Engineering - Architecture and LM-24 Building Systems Engineering degree courses. The papers selected in this section will be published free of charge for the authors.

In the first selection phase, participants are invited to anonymously submit an abstract of a maximum of 2000 characters including spaces, in Italian or English. The abstract, to which two images may be attached (jpeg, 300 dpi, base 7 cm), must report the main contents of the Best Practice to be submitted, indicating the chosen sub-theme, the title of the contribution, max 6 keywords.

Each author can submit only one abstract (individually or in a group of max 3 authors) and must fill in the attached form. The abstract must be written in a concise and clear manner, with an effective response to the theme of the CALL.

The Board, made up of the Cluster Rehabilitation and Maintenance representatives, will select the anonymously submitted the abstracts received for selection.

The authors of the selected abstracts will be notified by the Secretariat.



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The authors of the selected abstracts will be invited to send their contributions in the form of an article, which, after being submitted to double blind peer-review, will be published in a text, included in an editorial series.

The article will have to respect the following maximum limit:

- 18,000 ÷ 20,000 characters (including spaces), in the case of a single author;
- 24,000 ÷ 25,000 characters (including spaces), in the case of several authors;

including notes, images/tables, captions and bibliography.

EVALUATION, AWARDS AND PUBLISHING OPPORTUNITIES

The Board will evaluate the papers proposed by researchers under 40 and will award a prize to the best 6 contributions.

The best paper in each sub-theme, both in the first and in the second topic, will receive one-year free membership to SITdA Society (for the year 2022).

The best paper among the six previously selected will be awarded the "SITdA Cluster Rehabilitation and Maintenance Award 2022". The winner of this prize will be entitled to the publication of the paper, without financial charges.

The evaluation criteria will concern both the elements of interest of the Best Practices and the quality, the scientific value and the critical-interpretative contents of the article.

For the purposes of the Award, the selection of the article will be carried out by a committee composed of the President of SITdA, the CD Cluster Delegate Manager, the R&M Cluster Coordinator, and 2 members chosen from among the representatives of the Cluster R&M. The selection will concern only contributions accepted for publication and will be conducted on the basis of the following criteria

- (a) clarity and completeness of the article;
- (b) coherence with the themes of Rehabilitation and Maintenance;
- (c) originality, innovative aspects, value of Best Practices in the post covid-19 transition;
- (d) richness of sources and bibliographic information, also with reference to the international debate.

Abstracts should be sent by 15.2.2022 to the following e-mail address: recuperoemanutenzione@gmail.com
Acceptance will be communicated by 15.3.2022.

The final draft of the article, integrated according to the comments of the referees, should be delivered by 15.4.2022.

The articles must be written entirely in Italian and English (including the captions of the images and the texts of any tables).

REGISTRATION AND FEES

Participants in the call are invited to pay a contribution for the editorial services offered (APC - Article Processing Charge) only if the article is accepted for publication, after the double blind peer-review process and any revision of the manuscript.

It should be noted that, in the case of a multi-author article, the order of names is taken into account for the calculation of age, in particular the age of the first author of the article.

The contribution fixed for the single article amounts to:

- 100 euros for those under 40;



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- 180 euros for those over 40.

These amounts are exempt from VAT pursuant to Article 4 of Presidential Decree no. 633/1972.

The contribution must be paid to SITdA onlus, according to the indications that will be sent to the authors together with the communication of the acceptance of the paper for publication, after filling in the anagraphic form attached.

CONTACTS

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ABSTRACT SUBMISSION FORM

ABSTRACT

All fields must be completed. Do not include in the abstract your own specific identification elements.

Sub-theme

- 1.1.
- 1.2.
- 1.3.
- 2.1.
- 2.2.
- 2.3.

Title (max. 95 characters including spaces)

Keywords (max 5)

Subject of the Best Practice and relationship to the rehabilitation/maintenance topics (max 200 characters including spaces)

Approach, methodology, tools (max 500 characters including spaces)

Results: analytical, propositional, debating aspects (max 300 characters including spaces)

Originality: explain what is new and for whom (max. 500 characters including spaces)

Involved actors and induced impacts (max 200 characters including spaces)

Originality: explain what is new and for whom (max. 500 characters including spaces)

Replicability and value of the Practice in the post covid-19 transition (max 300 characters including spaces)

References (max. 5 references)