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MARIE CURIE ALUMNI

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# NEWSLETTER


The MCAA has now its app! Discover MCAA Connect, the 'Tinder' of professional working.

We finally know what's in the head of an Early Stage Researcher (ESR)! Ruben Riosa, from the Communication Working Group, decided to chat with some of the ESR-level members of the MCAA and shared with us the outcomes of these discussions.

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A podcast is a wonderful tool of science communication. In case you're wondering whether you should use it for your project, Federica Bressan and Matteo Manzi, confirmed podcasters, give you some tips on how to get started.

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## CONTENTS

# RESEARCH

## THE HELLO PROJECT: ONGOING ACTIVITIES AND DISSEMINATION ACTIONS

The MSCA-IF Heritage energy Living Lab onsite (HeLLo) project's main objective is to create a structured dissemination programme that opens the doors of the laboratory beyond academic boundaries. MSCA research fellow Luisa Dias Pereira, and Marta Calzolari tell us more.

Historic buildings constitute a significant amount of the EU existing stock. The energy refurbishment of heritage buildings – the area covered by the MSCA-IF project HeLLo[8], is related to the EU's policy priority for the reduction of fuel consumption. Currently, there is a lack of specific tools for these types of interventions. There is also a scarcity of data about the state of the art. As a result, heritage buildings are mostly excluded from core strategic plans of the EU Member States. This translates into a missed opportunity in terms of moving towards a net zero energy future.

### GENERAL GOAL

HeLLo's overall mission is to spread awareness about the most common energy retrofit solutions and to increase knowledge of their application in historic buildings. HeLLo defines the following specific objectives:

- To check the compatibility of energy retrofit technologies already certified and applied to new buildings on historic constructions;
- To create a structured dissemination programme that opens the doors of the laboratory life beyond academic boundaries.

[8] https://cordis.europa.eu/project/rcn/215475/factsheet/en



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# RESEARCH

## HOW IS IT BEING ACHIEVED?

Results are being achieved through a twofold strategy. First, a true experimental laboratory in which energy retrofit technologies are tested and their real performances are quantified. Second, a project of *dissemination laboratories* that offers an experimental experience in order to make known the world of investigation by the practice of the living lab.

As the dissemination project is itself an integrated part of the research, the experience is being addressed to different **target groups**, including the scientific community and professionals, public authorities, enterprises, and end users. For each of these groups, different dissemination tools/labs, time and strategies have been foreseen:

- **SCHOOLab:** field work with students
- **SOCIALab:** HeLLo social media networks profile (IG @hello.h2020.unife; FB @Hello_h2020_unife)
- **ONSITELab:** onsite lab tours in Palazzo Tassoni (Ferrara, Italy), the in situ case study of the project
- **VIDEOLab:** action videos of the project and its activities
- **PRESSLab:** press releases and articles in journals in which the host institution handles a section
- **ONLINELab:** the project's website
- **PUBLAb:** scientific publications
- **CONFLAB:** organisation of scientific events, such as workshops or conferences

## ACTIVITIES AND OPEN LABS

Some of the HeLLo activities developed since the beginning of the project (1 October 2018) are presented below:

### SCHOOLAB

*New metering box construction*

### ONSITELAB

### CONFLAB


*HeLLo activities developed since the beginning of the project (1 October 2018)*

[9] E. Lucchi, L. Dias Pereira, M. Andreotti, R. Malaguti, D. Cennamo, M. Calzolari, V. Frighi, Development of a Compatible, Low Cost and High Accurate Conservation Remote Sensing Technology for the Hygrothermal Assessment of Historic Walls. Electronics. 8, 643 (2019)

[10] https://www.youtube.com/watch?v=AZdVeA8TBBI&feature=youtu.be



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# RESEARCH

## PUBLAB[9]

electronics

MDPI

*Article*

**Development of a Compatible, Low Cost and High Accurate Conservation Remote Sensing Technology for the Hygrothermal Assessment of Historic Walls**

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## SOCIALAB

hello.h2020.unife

Hello_h2020_unife

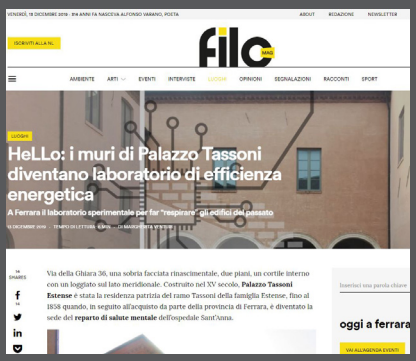
## ONLINELAB

Hellomscaproject.eu

## VIDEOLAB[10]


*HeLLo presentation video*

## PRESSLAB




*HeLLo featured at FILO magazine*

The HeLLo project was one of the 35 MSCA projects selected to participate at Science is Wonderful! 2019, a dissemination event hosted in Brussels last year, connected to the European Researcher night[11].

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[9] E. Lucchi, L. Dias Pereira, M. Andreotti, R. Malaguti, D. Cennamo, M. Calzolari, V. Frighi, Development of a Compatible, Low Cost and High Accurate Conservation Remote Sensing Technology for the Hygrothermal Assessment of Historic Walls. Electronics. 8, 643 (2019)

[10] https://www.youtube.com/watch?v=AZdVeA8TBBI&feature=youtu.be

[11] The HeLLo project has received funding from the EU's H2020 research and innovation programme under the Marie Skłodowska-Curie GA 796712.



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## PUBLISHED BY

The MCAA Newsletter is the main communication channel for and about the MCAA community. It provides information about the activities of our national chapters and working groups, as well as events, projects and partners.

The MCAA Newsletter is published by the Marie Curie Alumni Association (ISSN 2663-9483).

Any request concerning the newsletter, including suggestions about new topics and articles, should be sent to news@mariecuriealumni.eu.

## INSTRUCTIONS FOR SUBMISSION

We welcome articles on any activity related to MCAA, local chapters, initiatives, events and so forth.

We especially welcome articles on MSCA projects, where one can either provide a general overview of a project or present initial/mid/final results.

Articles should be max 750 words, written in a clear, lay language, and possibly provide one or two images (copyright-free and high definition).

Articles should be sent to news@mariecuriealumni.eu.

## EDITORIAL BOARD



## EDITORIAL TEAM





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