



buildingSMART®  
Italy



# IFC Bridge Italian Working Group

Phase1 Report





# Welcome

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Responsible of the standards program within buildingSmart Italy







# Agenda

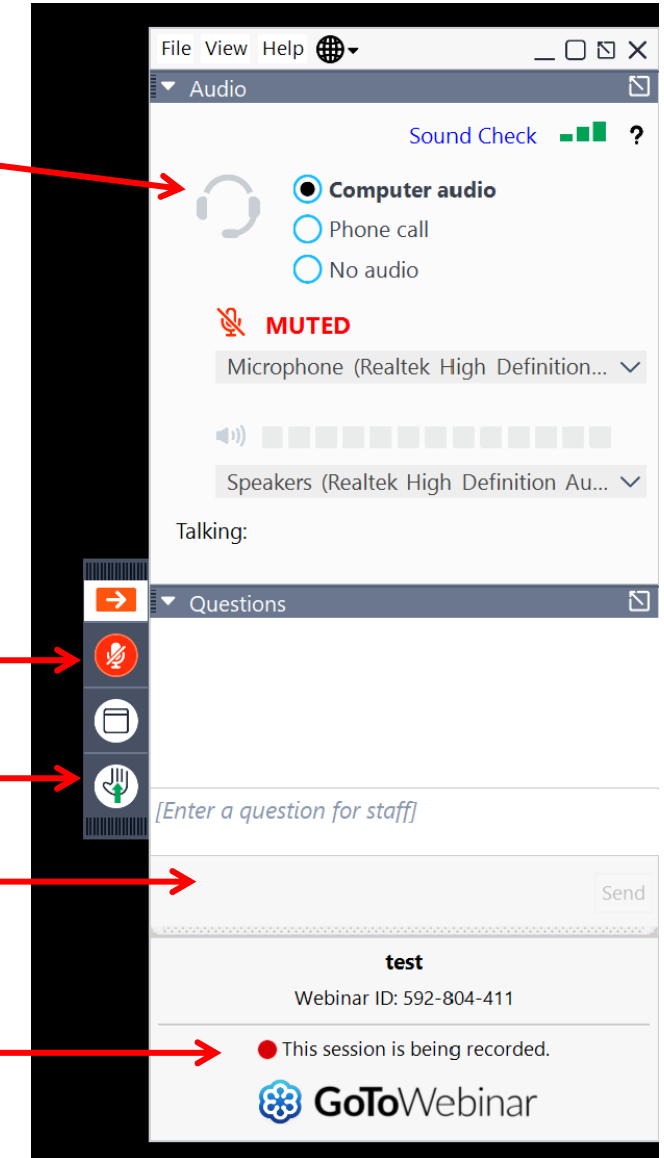
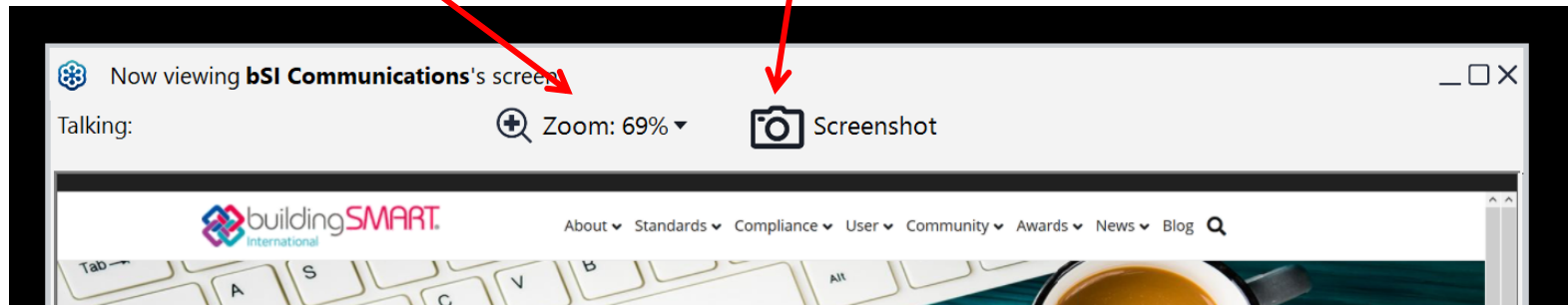
Start	Duration	Topic	Speaker
11:00	5min	Webinar Functionality	Xenia Fiorentini
11:05	10min	Introduction	Xenia Fiorentini
11:15	45min	The Italian IFCBridge project	Rachele Angela Bernardello
12:00	15min	Q&A	
12:15		Close	

# Webinar Functionalities

Adjust the zoom level  
of the shared screen

Take a screenshot of  
the webinar window

Adjust your  
audio settings



Audience is muted by default.

Request to speak

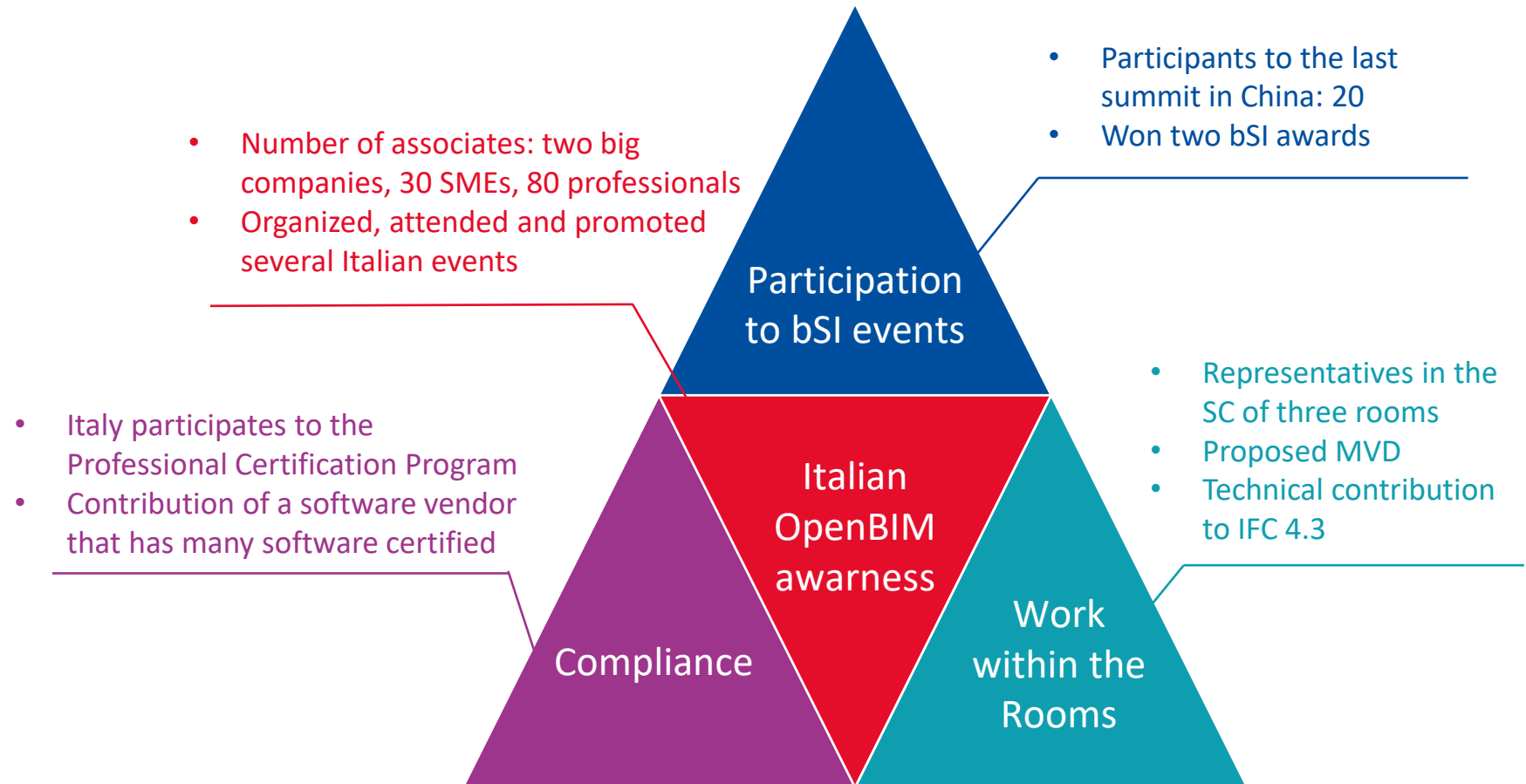
Type a question

This session is being recorded

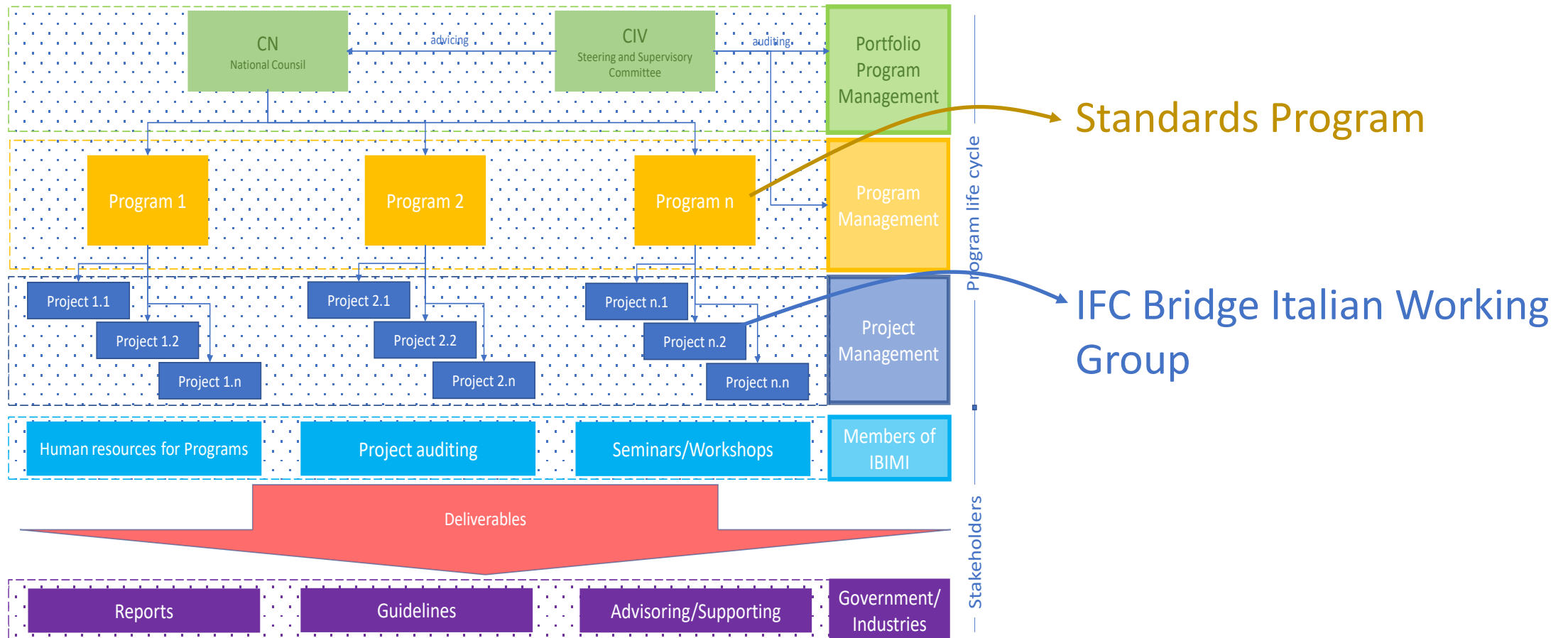
Reach us at:  
[info@ibimi.it](mailto:info@ibimi.it)

# Context of the work: the Italian Chapter

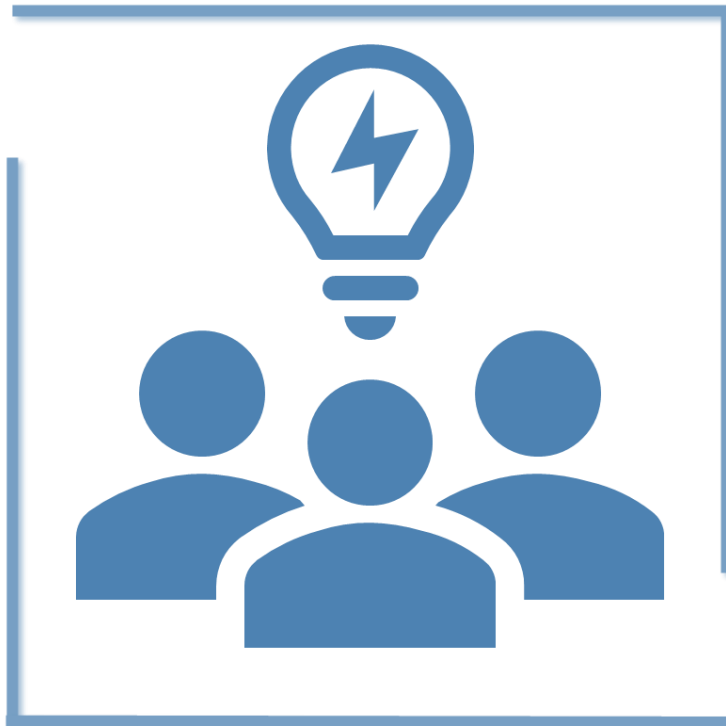
- The Italian chapter of bSI was formed in December 2018
- Since then, our contribution to the buildingSmart community has increased
- But the road is still long....



## How we face this long road – organization of the Italian Chapter



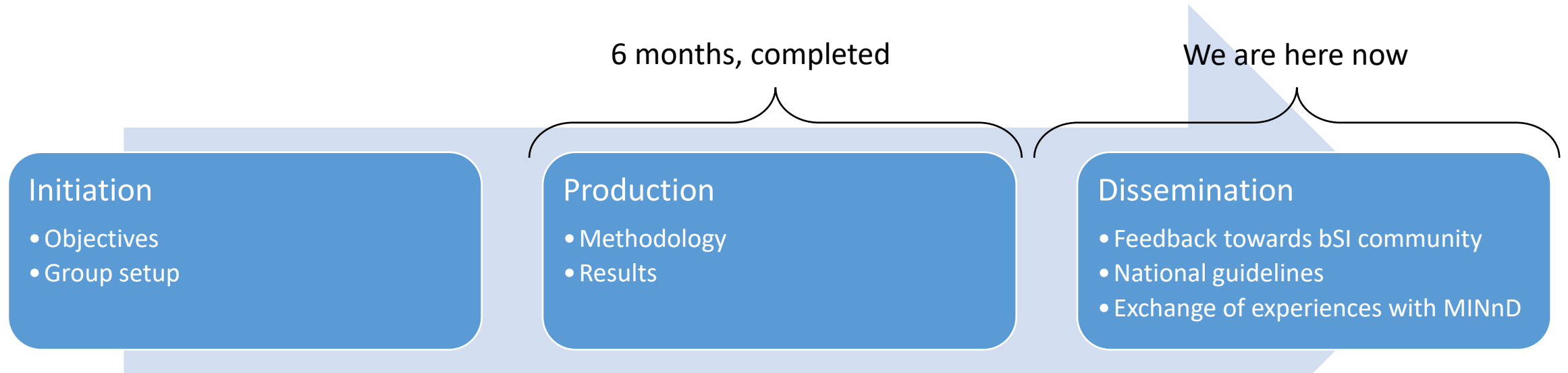
# The Italian IFC Bridge project - Objectives



- Analyze and understand the standard proposed by IFC Bridge International
- Test the application of the standard to some of the bridge types that were not verified by the international Project
- Identify deficiencies, solutions and possible additions to the standard
- Report the results of these activities to the international community



# The Italian IFC Bridge WG

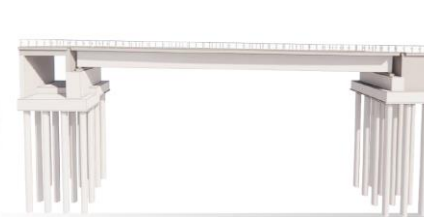


Member type	Contribute
Stakeholders	Case study
Universities	IFC knowledge
Designers	Modelling knowledge
SW Vendors	Experimentation
Consultants	Methodology

**Case study A**  
• Existing masonry arched bridge



**Case study B**  
• Steel-Concrete slab-girder bridge to be built



# Thanks to the people and companies that contributed!



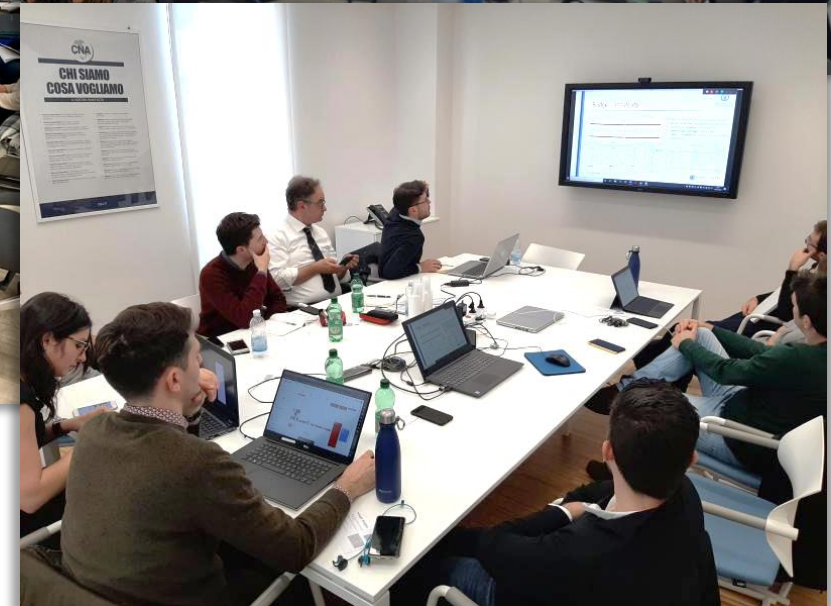
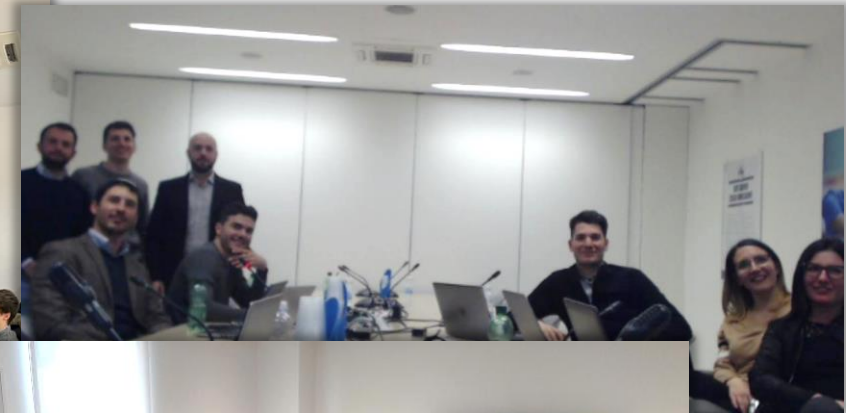
UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



SYSTEMA



UNIVERSITÀ DEGLI STUDI  
DI NAPOLI FEDERICO II



## Rachele Bernardello



*After a master degree in Building Engineering and Architecture, she is currently a PhD student in Civil, Environmental and Architectural Engineering at the University of Padova. Her research interests are in BIM and information exchange, applied both to Infrastructures and Buildings, focusing on digital workflows supported by international standards. Her research also deals with Cultural Heritage Management and Communication.*



# Enjoy the talk!

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