

### Teaching Programme and Workload

The teaching programme is delivered through

A: Lectures / discussions

B: Practical elements / site visits

C: Project work / group assignment

In total, participants receive

- 40 hours interactive teaching

- 60 hours practical work/report writing

- Equivalent 4 ECTS

Lectures are delivered by academics and practitioners.

### Contributors to the Teaching Programme

The Climate-KIC lead partners that drive the programme are: University of Bologna-Department of Architecture, Municipality of Bologna, Foundation for Urban Innovation, NOVA University Lisbon - Department of Environmental Sciences and Engineering and Department of Mechanic and Industrial Engineering. By going through the Challenge Lab programme the participants are empowered to be change agents; challenging and courageous facilitators of change in complex systems to address global challenges.

### Key speakers:

prof. Jacopo Gaspari - University of Bologna Department of Architecture; Ing. Raffaella Gueze - Municipality of Bologna, Energy and Environment; Giovanni Ginocchini - Foundation for Urban Innovation; dott. ssa Valentina Gianfrate - University of Bologna Department of Architecture; dr. Sofia G. Simoes - NOVA University Lisbon Department of Environmental Sciences and Engineering; prof. Helena Carvalho - NOVA University Lisbon Department of Mechanic and Industrial Engineering; Ing. Catarina Freitas, Director of the Innovation, Environment, Climate & Sustainability Department of Almada Municipality; Ing. João Cleto, AGENEAL - Regional Energy Agency of Almada Municipality; Dr. Pedro Marques, AUCHAN Group.

### Learning outcomes

- Equipping students with the knowledge of transformative, socio-technical innovation using a systems approach, and transformative backcasting tools, in the field of Urban Transition and district regeneration.
- Enabling students to link their individual research projects to resilient strategies and low carbon communities. The aim is to motivate students to utilise their own research and deep insights in various disciplines, and create solutions to real life challenges
- Providing practically orientated tools that will enrich the student's individual projects in the field of Urban Transition and district regeneration.
- Exchanging of ideas between students and experts and to develop new project ideas for resilient strategies and low carbon communities. During the programme, the students worked on real-life challenges faced in Bologna and Lisbon/Almada.





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Climate-KIC confirms that

**Tiziano Innocenzi**

Participated successfully in the

## PhD Catapult Programme Urban Transitions Summer School

**“CITIES** How can cities couple greening and regeneration actions with the decarbonisation of their supply chains?”

With challenges provided by University of Bologna and City of Bologna

The course was held in Bologna & Lisbon/Almada between 8<sup>th</sup> and 19<sup>th</sup> July 2019



Line Gry Knudsen

*Climate-KIC Education Acting Director*

