

# The Edible Envelope

Building Integrated Agriculture towards sustainable Farmscape in Milan and Singapore

**September 29th**  
**9.30am/1.00pm**

## Hybrid seminar

Organized and coordinated by  
Valentina Dessì, Matteo Clementi

**On site:** Off Campus

Cascina Nosedo, Politecnico di  
Milano, Via San Dionigi 78/80

**Online:** Link for the [online participation](#)

The event, part of the research project, **BIZE\_UrFarm – Building Integrated Zero Emission Urban Farming towards sustainable farmscape in Milan and Singapore** invites reflection on the numerous potentialities of urban farming, providing an opportunity to enhance the urban landscape, its built environment (i.e. residential, office, productive, school buildings), and its infrastructure. Simultaneously, it offers a platform for inquiry into the quality of its products and the efficiency of its infrastructure components. These discussions will involve governmental and local institutions, the academic sector, and stakeholders in the production sector.

### 9:30-10:00 – Welcome and greetings

**M. Bricocoli** – Politecnico di Milano, Head of Dept. DASTU

**N. Bianchi** - Italian embassy in Singapore

**E. Porreca** - Municipality of Milan (Food Policy sector)

### 10:00-11:00 The research program BIZE-UrFarm

**V. Dessì, M. Clementi, M. Pereira G.** - Politecnico di Milano, Dept DASTU, partner of Bize\_urFarm

- Mapping the climate in the urban fabric. The first step for farming the city

**C. B. Soh** - SIT (Singapore Institute of Technology), partner of Bize\_urFarm,

- The evolution of farming landscape in Singapore and the social economic impact to urban dwellers of new urban farm.

**G. Gianquinto, Arch. M. D'Ostuni** - University of Bologna, partner of Bize\_urFarm

- Integrating Urban Agriculture models in city planning and buildings. A recollection of the state of the art and future perspectives

11.00 Coffee break

### 11:15-12:15 Research experiences on the Agritech

**C. Corbo** - Smart AgriFood Observatory - Politecnico di Milano,

- From precision farming to Agriculture 4.0: evidences from Italy

**G. Paganin** – Politecnico di Milano, Dept DASTU

- Metropolitan Farms: Long term agri-food systems for sustainable urban landscapes

**G. Ferretti** – Politecnico di Milano, Politecnico di Milano, Dept DEIB

- A new engineer for a new agriculture

### 12:15-12:35 From a production perspective

**F. Lombardo** - Aquaponic Design

- For the development of models of urban, social and innovative agriculture