



UrbanFarm2022

An International Student Challenge



Prof. Francesco Orsini

What UrbanFarm is?

URBANFARM

INTERNATIONAL STUDENT CHALLENGE



DYNAMIC LEARNING

THINK. CREATE. EVOLVE AND ADAPT YOUR PROJECT.



MULTIDISCIPLINARY APPROACH

INTEGRATE COMPETENCES AND SKILLS FROM AGRONOMY AND HORTICULTURE, ARCHITECTURE, ENGINEERING, ECONOMICS, HUMAN, SOCIAL AND ENVIRONMENTAL SCIENCES.



ETHICS AND BUSINESS

REAL CONTEXTS
REAL CHOICES
REAL IMPLICATIONS

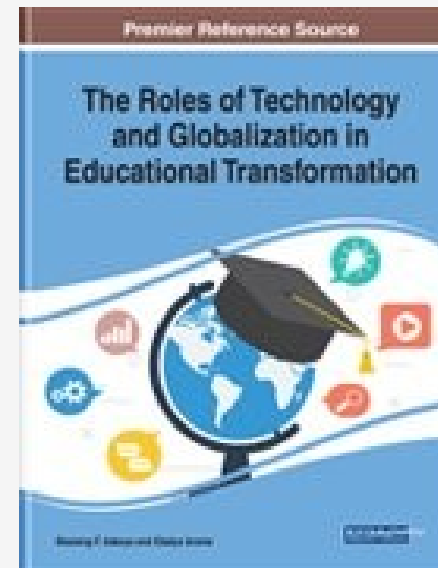


WIN!

THE 3 BEST PROJECTS ARE AWARDED WITH A 12'000 € JACKPOT



Why an international student challenge?



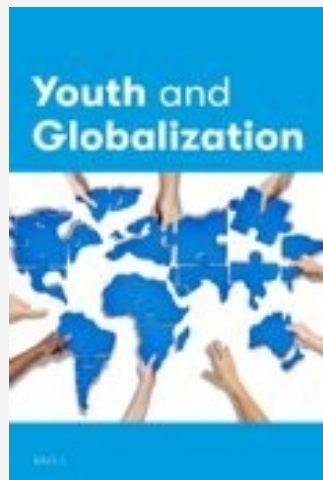
Springer Link



Higher Education

May 2010, Volume 99, Issues 5, pp 599–613 | Cite as

International experience and graduate employability: stakeholder perceptions on the connection



SCIENCE | NOT EXACTLY ROCKET SCIENCE



Globalisation increases cooperation at an international scale



UrbanFarm2019

130 students, 35 international teams



International students...

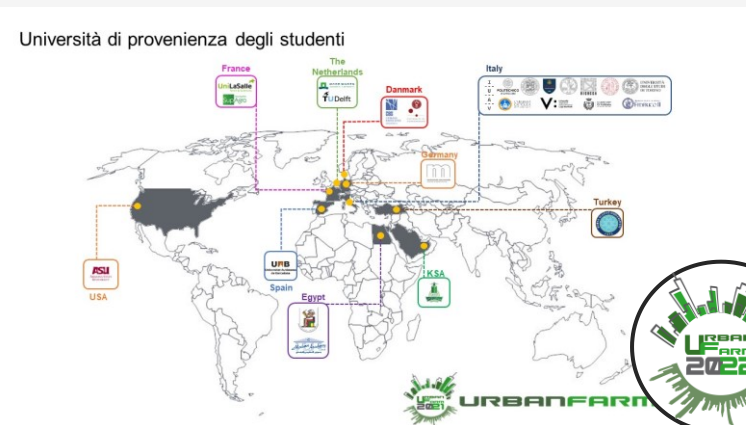
UrbanFarm2020

132 students, 18 international teams



UrbanFarm2021

166 students, 28 international teams



and international Committee members

Multifunctionality of urban agriculture



PARTICIPATION,
DECISION-MAKING,
RECREATION,
HEALTH, WELL-BEING



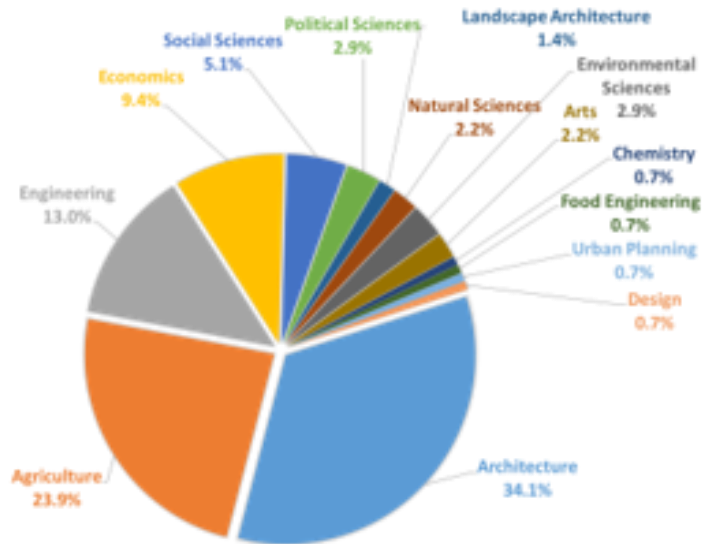
Urban Horticulture

ENERGETIC
EFFICIENCY, FLOOD
MANAGEMENT,
FOOD SECURITY
AND SAFETY

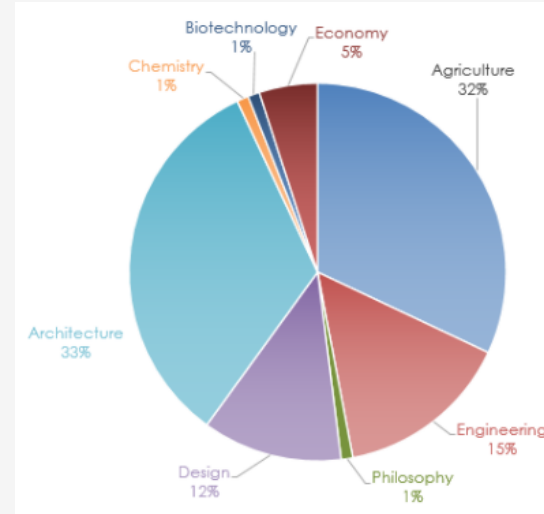
BIODIVERSITY
RESERVOIRS,
GREEN CORRIDORS,
RECYCLING



Participants 2020

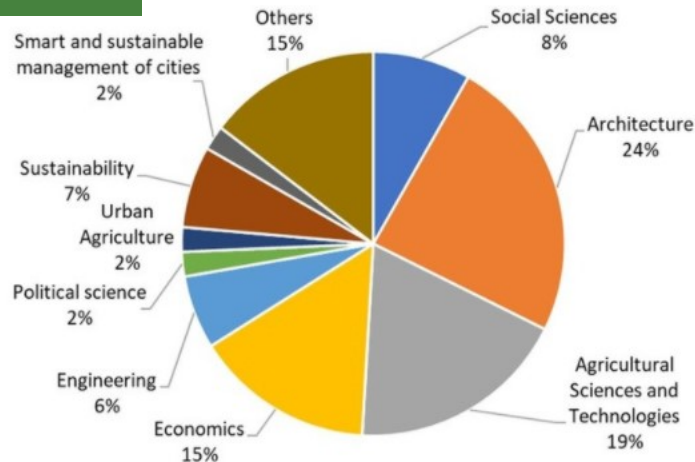


Multidisciplinary field of study



Participants 2019

Participants 2021



Past projects - 2019

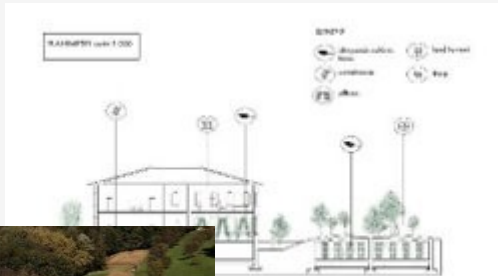
Before

After

FORMER-
ZANUSSI,
CONEGLIANO



PRIMARY
SCHOOL,
ORZES



After

Before

FANTONI
FARM,
BOLOGNA



Before



After



Past projects - 2020

Before

After



GALLIERA,
BOLOGNA

Before

LANUVIO, ROME

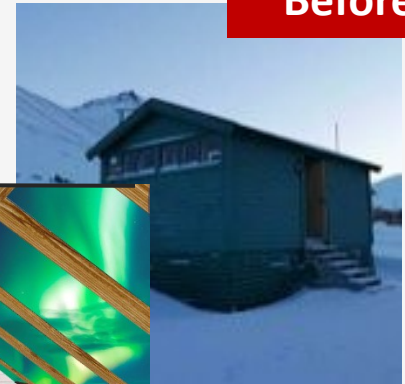


Before



After

LONGYEARBYEN,
SVALBARD ISLANDS



After



Past projects - 2021

Before



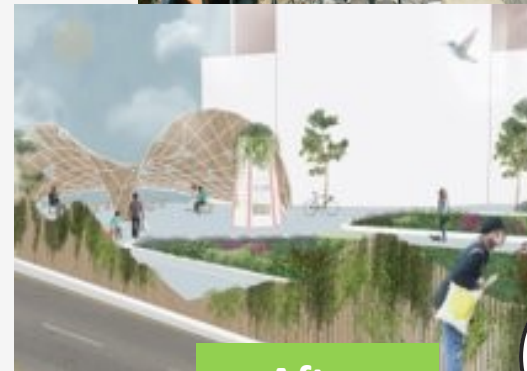
*SALUS SPACE,
BOLOGNA*



After

*CITÉ MARAICHÈRE,
ROMAINVILLE*

Before



After

*TROISI PARK,
NAPLES*



Before



After



CHOOSE



SERRE OF GIARDINI MARGHERITA, BOLOGNA

Metropolitan HUB devoted to innovation and promotion of entrepreneurial culture:

- Lot of services for the community
- Aquaponic system for vegetable production

Regeneration of two greenhouses (300 m2 each) and 1500 m2 of outdoor space:

- Circular, innovative and sustainable **cultivation systems**
- Areas for **education, dissemination and artistic events**



More info at

<https://site.unibo.it/urban-farm/en/cities-and-locations-2022/serre-of-giardini-margherita-bologna>



SOLBERGA, STOCKHOLM

Green area serving as a meeting point for local residents

Need to make it more **welcoming** and usable **all year round**, while maintaining the beauty of its natural element

The community would also like spaces for **gardening** and **cultural exchanges**

More info at

<https://site.unibo.it/urban-farm/en/cities-and-locations-2022/solberga-stockholm>



Teams registration

Teams registration is open from
October, 11th 2021 to November 7th 2021

Join our Facebook group to find teammates!



Or contact us: urbanfarm@unibo.it



Structure of the challenge and important deadlines

	DEADLINE	MATERIAL TO BE DELIVERED
Registration	11 October 2021	
Round 1	7 November 2021	Concept of the project ('2000 word) + 2-minutes video (team presentation)
Round 2	5 January 2022	Whole project + 2-minutes video (project presentation) + proof of concept + team photo
Final	16-17 February 2022	Designers market + Final pitch with International Jury

The best project in each of the target locations will be awarded with a monetary prize of **4'000 €** for a total jackpot of **8'000 €**



Student rendezvous

Foster students to meet, exchange, and eventually start a team

Explore different disciplines through interactive and introductory presentations

Calendar

18/10/21 _ 11:00-12:00

How to realize an effective 2 minutes video

27/10/21_11:00-12:00

The potential of urban agriculture: testimonials from successful urban agriculture projects

03/11/21_11:00-12:00

Virtual tour of the Serre of Giardini Margherita (Bologna) and discussion with representatives of the location

08/11/21_11:00-12:00

Virtual tour of Solberga (Stokholm) and discussion with representatives of the location

15/11/21_11:00-12:00

Sustainability in Urban Agriculture

25/11/21_11:00-12:00

Digital tools for the valorization of urban agriculture projects

29/11/21_11:00-12:00

Economic evaluation and business models

10/12/21_17:00-18:00

Architecture and civil engineering aspects

13/12/21_11:00-12:00

The social dimension of urban agriculture



More information on Facebook and website

Grand Finale at NOVELFARM



International conference and trade show for new growing systems, soilless and vertical farming

16 - 17 February 2022
at Pordenone Fiere (Pordenone)



Opportunities

Possible
**implementation of
ideas and concepts**
in the selected cities,
partners of the EU
H2020-862663
Project: Food Systems
in European Cities
(FoodE)



Possibility of **writing
articles** and presenting
the project at national
and international
conferences

The International
Society of Horticultural
Science (ISHS)
Young Mind Award.

Certificate and a
complimentary 1-year
ISHS membership



Contacts and useful links

Email

urbanfarm@unibo.it

Website

<https://site.unibo.it/urban-farm/en>

Facebook page

<https://www.facebook.com/urbanfarmchallenge>

Facebook group: Find your team

<https://www.facebook.com/groups/2417883871585045>

Youtube page

https://www.youtube.com/channel/UCb8GzxEhTbd0IEDyDgh_nHQ



QUESTIONS?

WHO? WHAT? WHEN? WHERE? HOW? WHY?

