AGROECOLOGY EUROPE
FORUM 2023 IN HUNGARY
CONVERGING MOVEMENTS
FOR RESILIENT FOOD SYSTEMS
16-18 November 2023
Gyöngyös, Hungary

AGROECOLOGY AND THE CITY

APPROACHES AND TOOLS FOR INTERDISCIPLINARY ANALYSIS OF A PERI-URBAN AGROSILVOPASTORAL SYSTEM IN MILAN

UNIVERSITY OF MILAN
SOULFOOD FORESTFARMS
CASCINET

Alice Giulia Dal Borgo

ORGANISED BY:

SESSION 7: FIRST STEPS INTO THE AGROECOLOGICAL TRANSITION

WITH THE SUPPORT OF:

#AEEUForum2023

OVERVIEW

THE FIRST REGENERATIVE AGROFORESTRY SYSTEM IN SOUTH MILAN

- A syntropic mindset for regenerative agroforestry in a temperate region.
- A living lab-based vision: 2 agroforestry acres for the ecological transition of places and people.
- A transdisciplinary research approach to assess Ecosystem Services.
- A community engagement experience: student educational and training activities, cultural initiatives, public events and artistic performances, social coop.

A syntropic mindset for regenerative agroforestry

«The laws (of nature) are given, it isn't up to us to create or modify any of them. We need to act in a beneficial way for all participants, fo all the affected ones, in order to ben considered useful and welcomed beings in the system.»

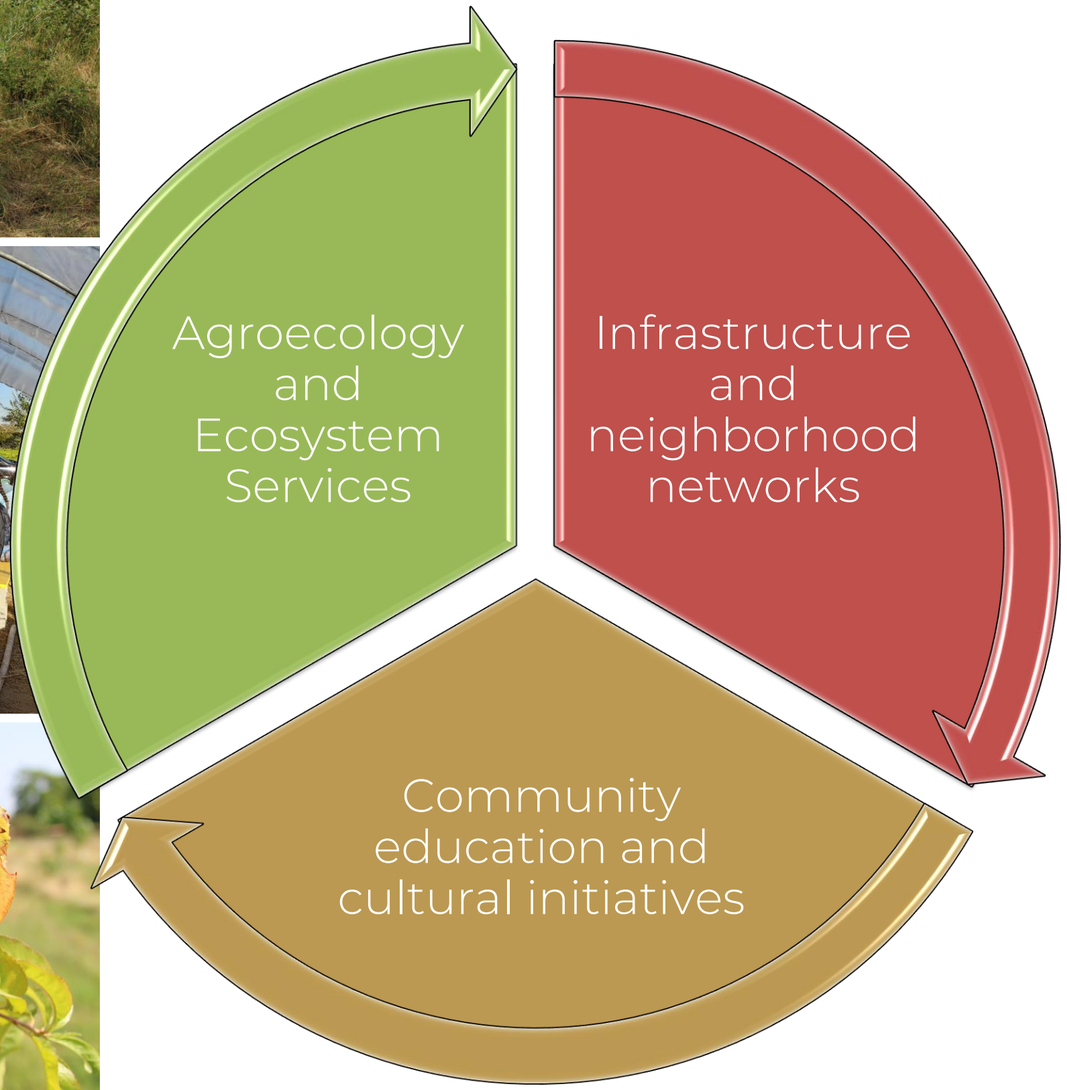
Ernst Götsch

Regenerative agroforestry criteria (Elevitch et Al., 2018)

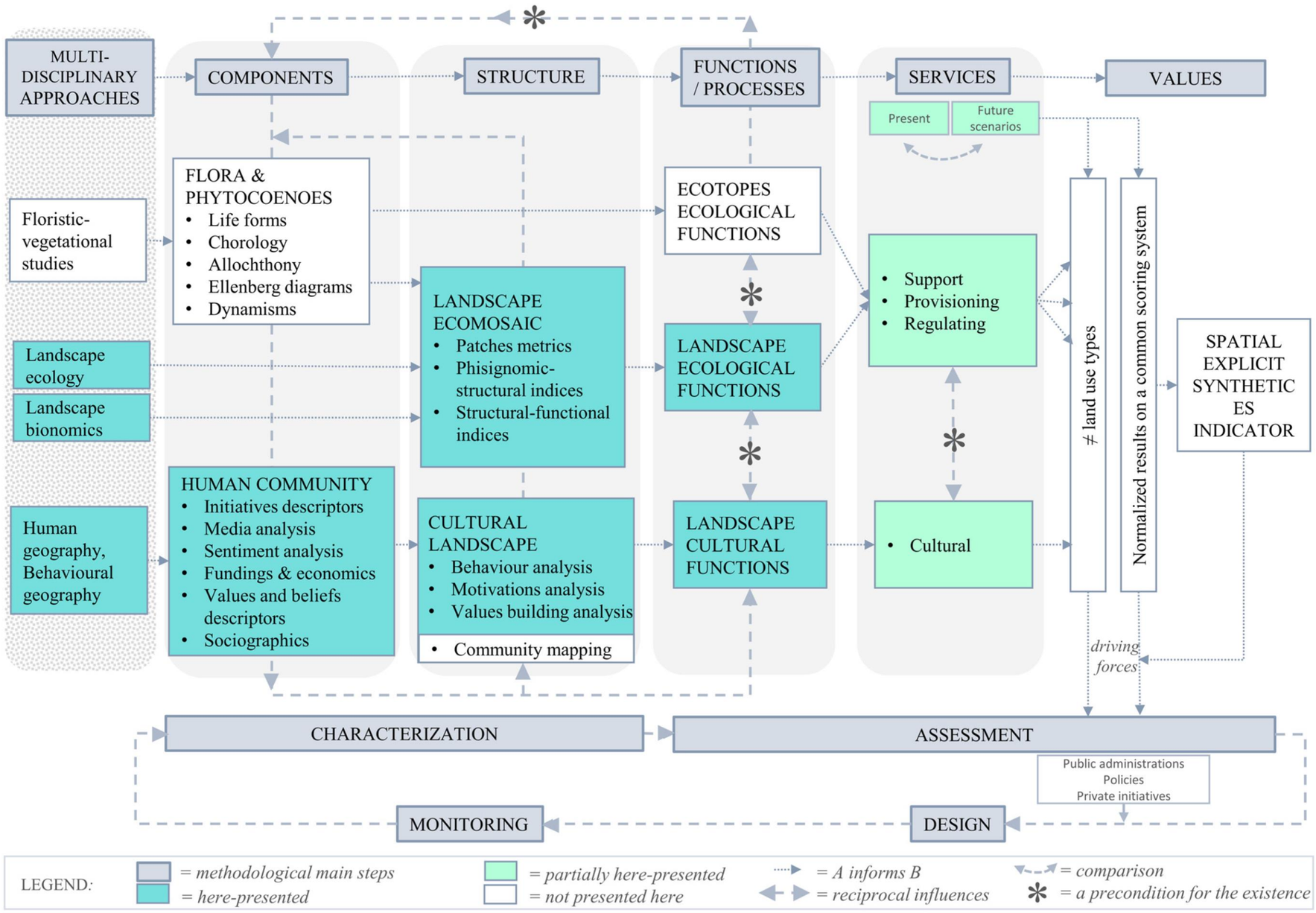
1. Integration
2. Density
3. Multistory
4. Multiple species

Together with syntropic principles of energy accumulation across time and space

A living lab-based vision

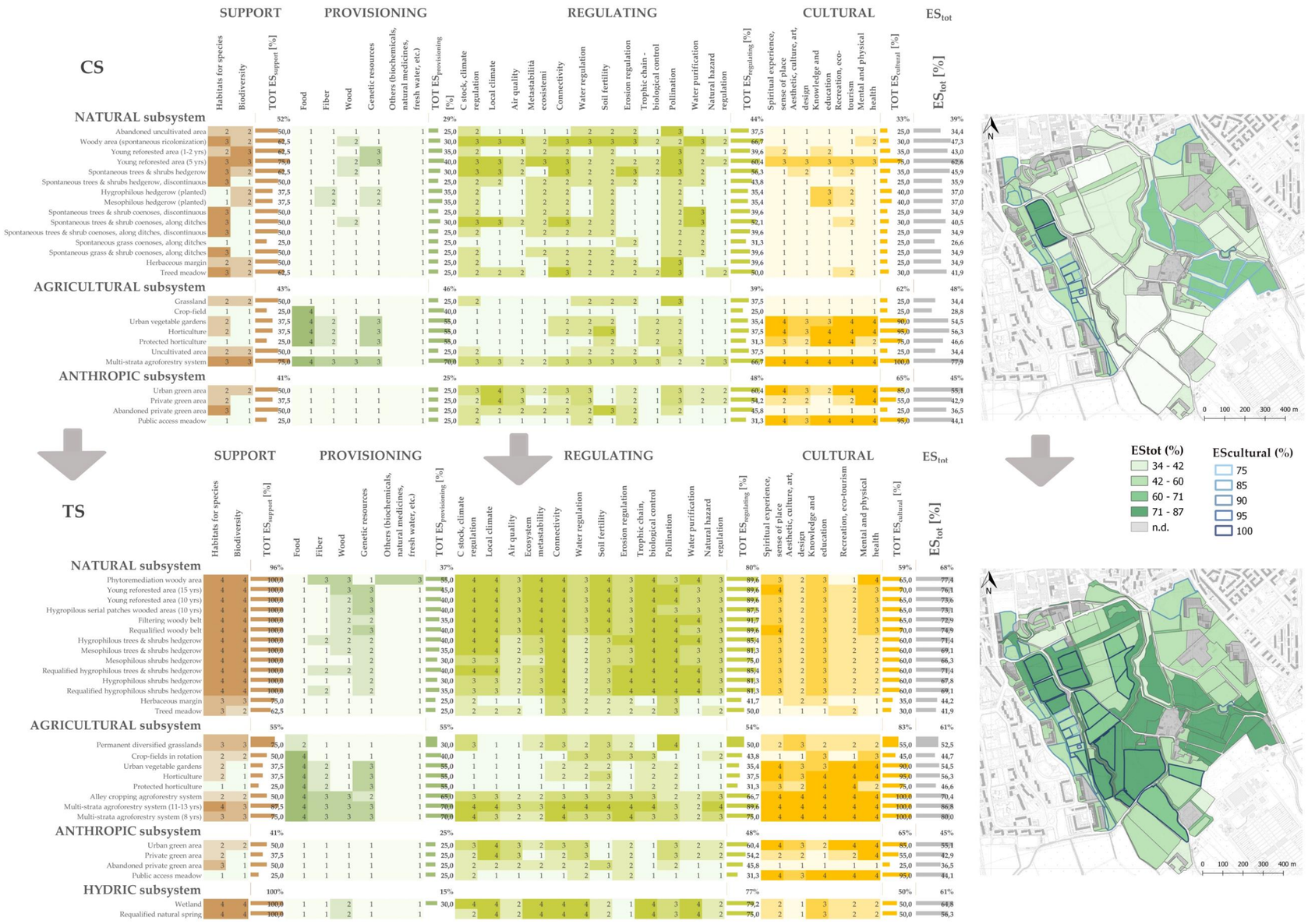


A transdisciplinary research approach to assess Ecosystem Services



https://www.mdpi.com/2387610
Agroforestry as a Driver for the Provisioning of Peri-Urban Socio-Ecological Functions: A Trans-Disciplinary Approach,
Dal Borgo, Chiaffarelli, Capocefalo, Schievano, Bocchi, Vagge, Sustainability, 2023

A transdisciplinary research approach to assess Ecosystem Services



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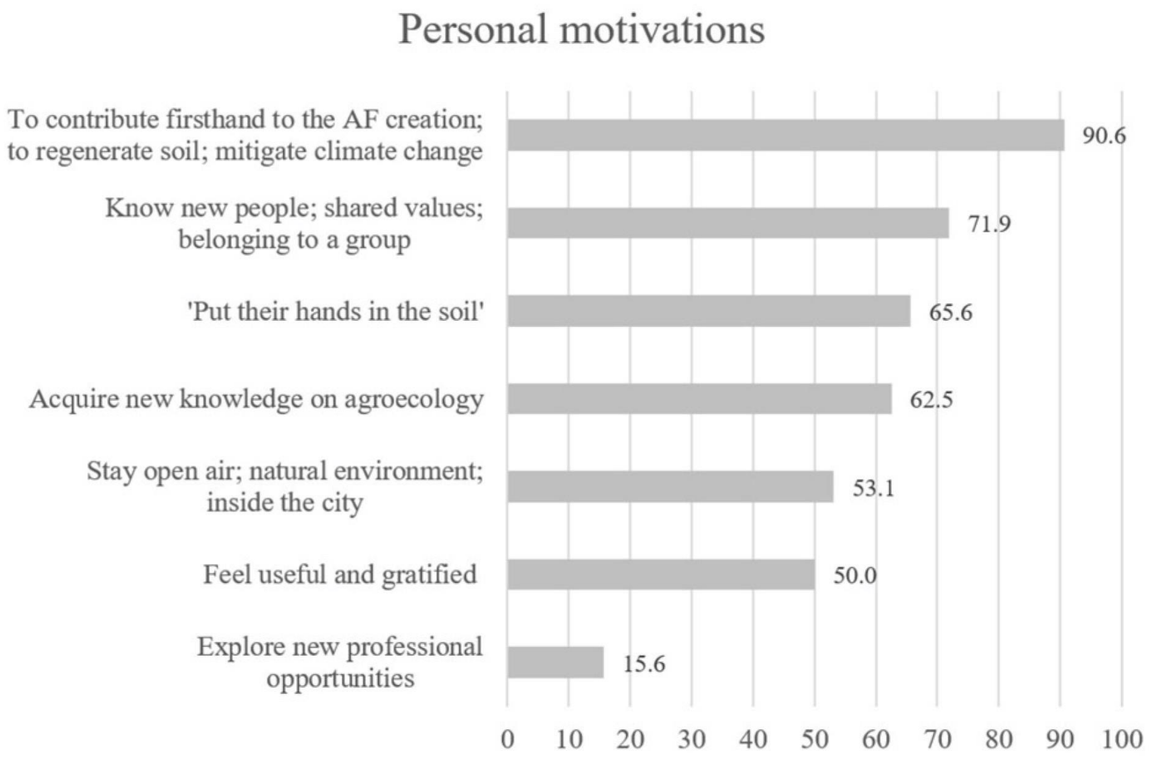
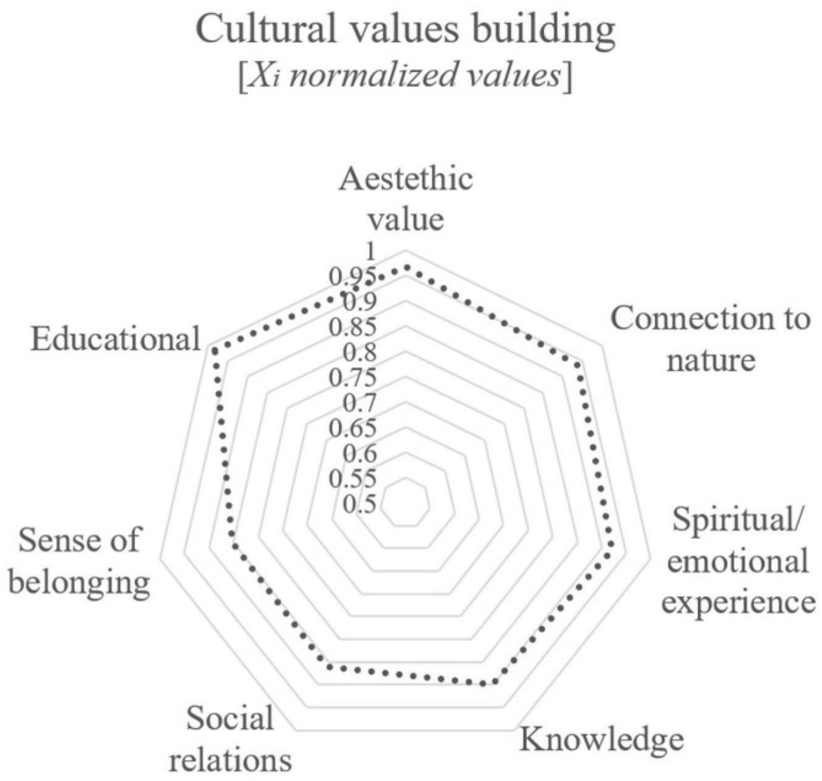


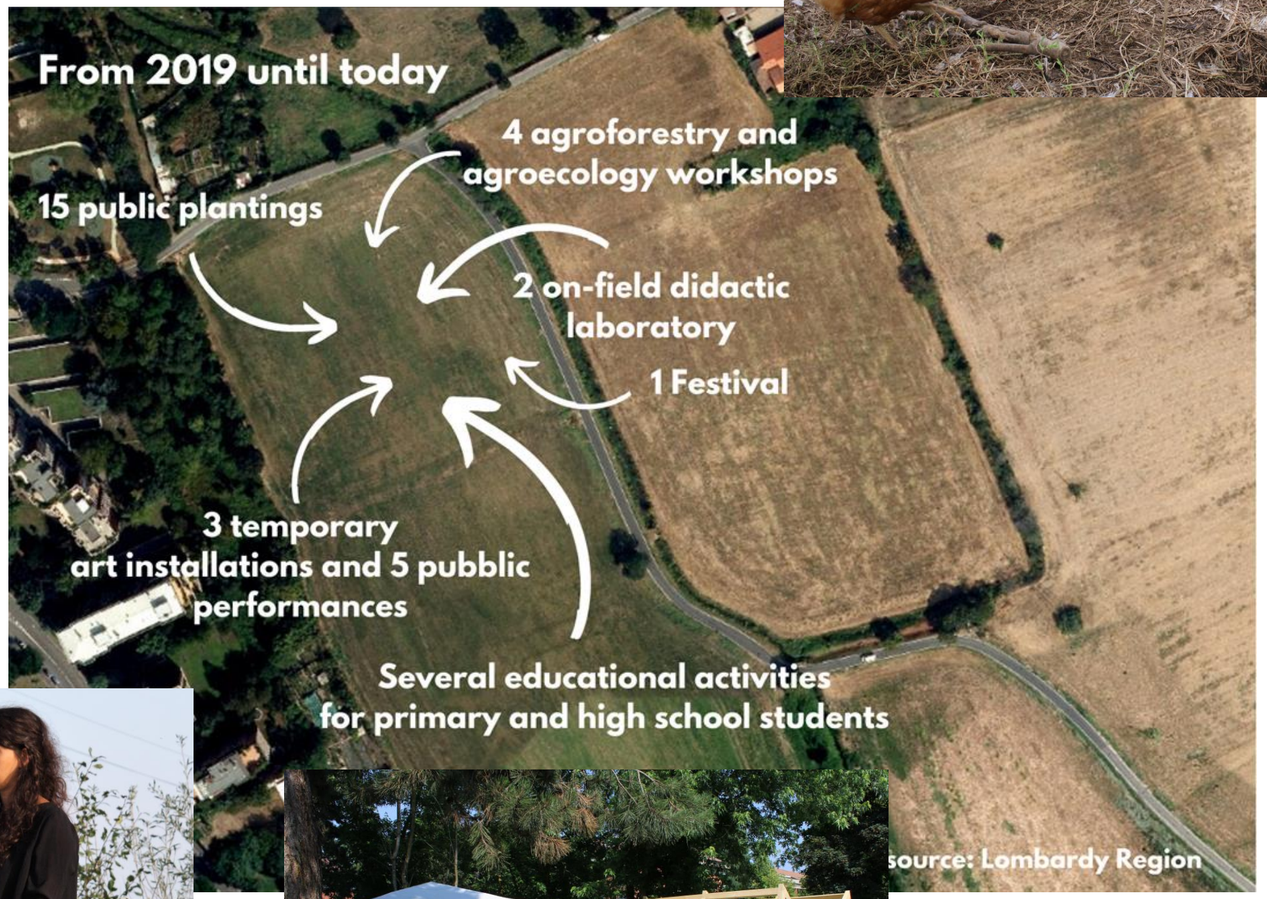
(a)



(b)

(c)

A community engagement experience



A “biodiverse” Research Team

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DEPARTMENT OF ENVIRONMENTAL SCIENCE AND POLICY
DEPARTMENT OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES – PRODUCTION, LANDSCAPE, AGROENERGY
DEPARTMENT OF VETERINARY MEDICINE AND ANIMAL SCIENCES
DEPARTMENT OF FOOD, ENVIRONMENTAL AND NUTRITIONAL SCIENCES

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seed saver
board member of Civiltà Contadina

Angelo Argentiero
Administration

Ursula Arztmann
Co-founder and Founder of recelio

Soulfood Forestfarms Hub Italy Team: inspiring agroecological transition

Scientific publications

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- Dal Borgo A.G., Chiaffarelli G, Capocefalo V, Schievano A, Bocchi S, Vagge I. “Agroforestry as a Driver for the Provisioning of Peri-Urban Socio-Ecological Functions: A Trans-Disciplinary Approach. Sustainability”. 2023; 15(14):11020. https://doi.org/10.3390/su151411020
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- Capocefalo V., Dal Borgo A.G., Chiaffarelli G. Vagge I., “Ecosystem Services in the Milan South-Eastern Edges. An Analytical Proposal for Interdisciplinary Research”, IALE 2023 World Congress, Book of abstracts, IALE 2023, pp. 340-341, http://iale2023.org
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- Dal Borgo A.G., Gambazza G., Garda E., *Luoghi e comunità. Storie di rigenerazione*, Mimesis – Kosmos, Milano-Udine, 2021.
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Thank you!