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MEMBER

ALL-TUSCANY

Living Lab ALL-TUSCANY | Italy



ALL Tuscany works as a convergence point of reference for several existing LLs in the region Tuscany from 2020 onwards, active in a diverse range of agroecological cropping/farming systems (e.g., agrosilvopastoral, agroforestry,

silvoarable, mixed cropping systems, olive groves), born from several EC/national/regional funded projects. ALL Tuscany brings together a wide range of actors: farmers, farming associations, advisors and professionals, retailers, local/regional policy makers, researchers and scientists.

Based on its nature as catalyst of already existing agroecological LLs, ALL Tuscany addresses issues spanning across and along several value chains, engaging both upstream and downstream actors. ALL Tuscany's work encompasses the broader local food system of the whole region, targeting both the farm and territorial scales.

ALL Tuscany works along different innovation actions. Primarily, it aims to co-design, co-test, co-evaluate, co-validate and co-share novel agroecological solutions to improve several agroecological cropping/farming systems:

1. soil health: mixed cropping, cover crops, soil amendments and waste recycling, biofertilizers, reduced tillage, crop-livestock integration, semi-natural areas;
2. crop diversification: undersowing and intercropping, companion plants, crop rotation, crop-pasture rotation, heritage cultivars and cultivar mixtures, improved varieties, evolutionary populations, landscape diversification);
3. reduced inputs: closing nutrient cycles, living mulches and cover crops, biocontrol agents, crop-livestock integration;
4. crop/animal production: enhanced complementarity, silvopastoral systems, improved grazing systems;
5. biocontrol: conservation biological control, associational resistance, ecological weed management, IPM, biopesticides, increased diversity for natural regulation;
6. biodiversity and ecosystem services: multifunctionality of soil improving practices, linking productivity gain to ecosystem services provision, diversity assessment, semi-natural habitat, system diversification, pollinators etc.

Aim

ALL Tuscany, Tuscan Living Lab on Agroecology, was created as a collaborative space where researchers, institutions, farmers, cooperatives, consortia, associations, and citizens co-design solutions for a sustainable, resilient, and inclusive agriculture and agri-food system. As such, we believe that being part of the European Network of Agroecology Living Labs and Research Infrastructures (hereafter: Network) would trigger key synergies on all sides, foster

increased. NETWORK would trigger key synergies on all sides, foster complementary collaborative activities, optimise efforts and avoid duplications.

Background information

ALL Tuscany has been formally established in early 2025, though the network of existing LLs in the region Tuscany has been active since 2020. The ethos of ALL Tuscany has always been rooted in the principles of agroecology widely acknowledged in recent years in the area of research, academia, and other organizations. In particular, the main sources are the 10 Key Elements of Agroecology promoted by FAO and the 13 Principles of Agroecology enunciated by the High-Level Panel of Experts on Food Security and Nutrition (HLPE) of the UN World Committee on Food Security (CFS). These principles, related to the broad and diverse field of agroecology, encompass multiple aspects and are applicable at different scales, e.g., individual farm and livestock, land and landscape, food system, relationships, market access, social equity, governance and collective knowledge creation. The principles are economic, social, cultural, and political in nature, and are the basis for the practices and implementation of agroecology.

Funding structure

ALL Tuscany is one of the agroecology living labs included in the project SUNRISE, funded under the Agroecology Partnership and started on 1 April 2025. In addition, ALL Tuscany is complementary to the multi-stakeholder group being organised within the Horizon Europe project OrganicYieldsUP. Over the years, activities have been funded through several EC/national/regional projects.

Activities

- Extension services and training involving producers and actors along the value chain, including industry interest groups and associations, researchers, and local government.
- Co-creation workshops, hands-on training sessions, and participatory action research.
- Events engaging students from all levels of education and civil society (e.g., biodiversity monitoring through citizen science approaches; open science days).





Source: ALL-TUSCANY

Methods, stakeholder engagements and tools

ALL Tuscany adopts a participatory approach to co-design and co-create solutions, leveraging local knowledge and scientific knowledge to achieve innovative solutions, that are deeply rooted in agroecological principles.

ALL Tuscany fosters knowledge exchange activities, knowledge dissemination, and interactions that promote the advancement of knowledge on agroecological practices and principles applying to the whole value chain.

Contact



Website: <http://www.all-tuscany.org>

E-mail: info@all-tuscany.org





agroecology.ps@ilvo.vlaanderen.be

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Coordinator: Projektträger Jülich (Germany) | Co-coordinator: Agence nationale de la recherche, ANR (France)
