First steps into the agroecological transition: agroecologist in action

SESSION 7: First steps into the agroecological transition

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The team

TOMMASO GAIFAMI – «Farming with nature»

SERENA CROCE – «Caring for the earth as a living organism»

GIACOMO ACCORSI – «In agroecology, the overview is the lens to perceive the detail»
FEDERICO PROVENZANI – «Agroecology as the key to reconciliation between man and living systems »

STEFANIA CARON – «Caring for the soil and the environment to care for ourselves»
Regenerative agriculture and agroecology approach

**CARACTERISTICS OF AGROECOLOGY**
- Transdisciplinary approach
- Multilevel approach
- Systemic approach (from farm to system)

**WHERE WE USE THEM**
- 1. Farm level
- 2. Food chain level
- 3. Territorial level
Foster the transition at different levels

- Farms
- Agricultural districts, Farmer network
- Technicians and professionals who share our vision
- Public bodies for the development of agriculture
- Institutions for territorial management (parks, foundations, municipalities...)
- Research institutions (Universities, Associations, NGO...)
- Companies and cooperatives for the development of supply chains
- Startup and technology
Levels of action

**FARM LEVEL**

Technical support and assistance in organic and regenerative management

- Farming System Design
- Crop rotation
- Cover crops
- Intercropping
- Organic matter
- Subsidies and bureaucracy

**TERRITORIAL LEVEL**

Connecting farms with stakeholders and create local food chains

- Economic and social value
- Skill and knowledge sharing
- Food chain planning
- Quantification of agroecological level
  ... and more
Case study 1: supporting transition toward an agroecological farm

- Model of transition from conventional to agroecological system to regenerate the agrosystem

- Research and field experimentation of innovative and regenerative practices with universities and research centres

- Networking with local farms and other local stakeholder
Case study 2: calculation of sustainability lever for different management of farming systems

Integrated quantification of environmental, economic, social and governance services of an agricultural setting

Assessing farm sustainability based on agronomic practices through a proven model
Case study 3: technology for regenerative agriculture

Definition and monitoring of practices to be applied together with farmers

Digitalization to maximise the efficiency of regenerative practices (e.g. precision seeding, field size reduction...)

Scalable sustainable production models
Thank you for your attention!

Marsilea group – www.marsilea.it

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