

Located in Gospodjinci, in the Vojvodina region of Serbia, the Serbian Living Lab addresses challenges linked to manure management, water quality, and soil health in mixed farming systems. By promoting innovative waste treatment and regenerative grazing, it aims to improve soil fertility and support more sustainable and resilient agriculture.

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Regenerating Soils, Rethinking Livestock

VOJVODINA REGION
SERBIA



Zemljoradnička Zadruga Gospođinci Farm

Based in Vojvodina, Zemljoradnička Zadruga Gospođinci (ZZG) is an agricultural cooperative founded in 1993, now bringing together around 110 members engaged in crop, vegetable, and livestock production. The Living Lab builds on these integrated systems to improve waste management and support locally adapted regenerative practices.



In GroundWork...

As part of the GroundWork project, the Serbian Living Lab, led by ZZG, works with farmers to introduce regenerative agriculture practices and improve manure management. The aim is to support the transition towards more circular and sustainable farming systems on selected farms and their arable land. This includes optimizing soil tillage to minimize soil disturbance, diversifying crop rotations to improve soil health and resilience, and enhancing manure management to increase nutrient efficiency, build soil organic matter, and reduce environmental impacts. On these arable plots, farmers grow cereals, oilseeds, and fodder for livestock kept on farms located several kilometers away.



Key Impacts



Soil Health

Regeneration and fertility improvement through holistic management



Biodiversity

Rich mosaic of habitats supporting plants, animals, and pollinators



Ecosystem Resilience

Strengthens climate adaptation and natural cycles



Sustainable Production

Combines productivity with environmental care



Innovation & Research

Demonstrates scalable regenerative practices across Europe