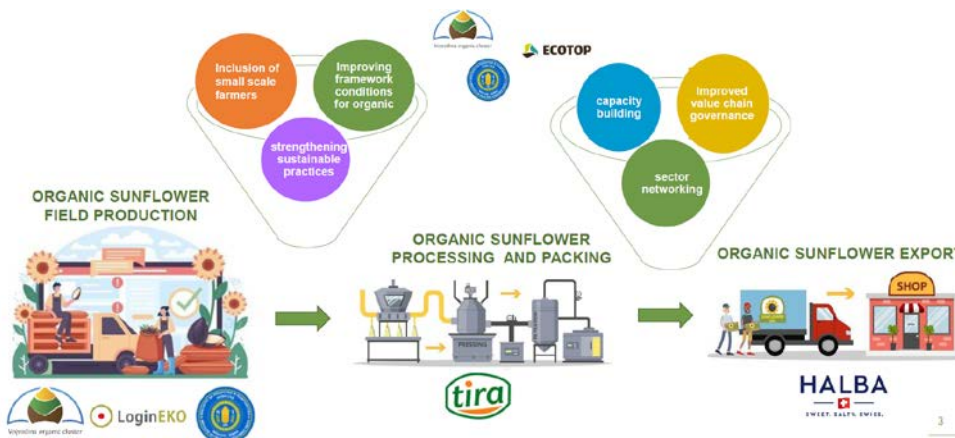


Sustainable and climate-resilient sunflower value chain and corresponding innovative climate-resilient production systems

The Vojvodina region is known for its sunflower production. Considering the global significance and the demand for organic sunflower kernels, it is essential to test sustainable and climate-resilient production methods in times of accelerated change that may significantly decline yield stability and open up for export of additional organic products.

Objectives

- Establishing a sustainable and climate resilient value chain for Bio Suisse certified dehulled kernels of sunflower including access to post harvest and organic certified processing infrastructure.
- Developing a tight network of large-scale organic companies and small-scale organic farmers with a linkage to international organic markets and fostering capacity-building in the organic sector.
- Improved advisory services for organic production through Institute of Field and Vegetable Crops Novi Sad (IFVCNS)
- Development of sustainable and highly diversified dynamic agroforestry (DAF) demo plots in Serbia, as potentially new cultivation system for the future
- Identification of high-value use of sunflower shell as by-product – reinforcing circular economy



Main activities

- Linking small-scale farmers to large-scale producer Halba to build up a strong business relationship including assessing additional products of interest
- Coaching and training staff of the Vojvodina Organic Cluster (VOC) to enable them to build up capacities of their members and Login Eko about post harvest management, Bio Suisse certification, organic sunflower production and value chain governance
- Creation and testing of an innovative climate resilient production system based on principles of DAF at large-scale and small-scale farms by IFVCNS in collaboration with Ecotop
- Capacity-building of the farmers in the field of biodiversity and soil fertility in DAF production systems by IFVCNS and Ecotop
- Evaluation of circular economy option via market opportunities for sunflower shells to improve price competitiveness of organic certified sunflower kernels through a study by CERUDA

Country/Region

Serbia/Vojvodina

Project partners

Private business:

Halba, Tira, Ecotop,
LoginEko

NGO:

Vojvodina organic
cluster
CERUDA

Research or public
institution:

Institute of Field and
Vegetable crops, National
Institute of the Republic of
Serbia

Duration

01.04.2022 – 31.12.2023

Total budget

220'270 CHF

SECO contribution

99'870 CHF

Consortium contribution

120'400 CHF





A public good for the organic sector of the country

- Research involvement and possible new and innovative solutions for resilient, highly diversified production systems and nature inclusive agriculture led by IFVCNS.
- Potential to create new opportunities for other conventional crop producers to start conversion, which can also contribute to the conservation of nature deteriorated under conventional practices.
- The project shall provide a new model for how larger companies and small-scale farmers can create synergies and collaborate for relevant organic export value chains.



Picture 1: Sunflower production visit



Picture 1: Project dissemination



Picture 3: Project presentation



Picture 5: DAF principles on spot lecture



Picture 5: DAF Demo plot establishment



Picture 6: DAF Demo plot mulch distribution

Contact information

Vojvodina organic cluster
vok.org.rs

Halba
www.halba.ch

Organic Trade for Development Program
www.organictrade4development.org



Project page

<https://www.linkedin.com/company/sustainable-sunflower-value-chain-ot4d-ppp-project>