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NEWSLETTER

SOUTH BALTIC FARMS
AN ESSENTIAL PART OF RENEWABLE ENERGY SYSTEMS

Interreg South Baltic

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WELCOME TO THE BIOSOLFARM PROJECT UPDATE!



Across the South Baltic region, farmers are increasingly exploring ways to reduce energy costs, strengthen resilience, and contribute to climate goals. BIOSOLFarm supports this transition by helping small farms and farmers' associations integrate renewable energy technologies, improve resource efficiency, and adopt practical solutions tailored to local needs.

Through cross-border cooperation, pilot activities, knowledge exchange, and stakeholder engagement, the project promotes innovative approaches that enhance both agricultural competitiveness and environmental sustainability. By encouraging the use of renewable energy, circular economy practices, and local collaboration, BIOSOLFarm contributes to stronger and more self-sufficient rural communities.

LITHUANIA WHAT'S NEW?

>>> NOVEMBER 26, BIOSOLFARM AT AGRIFOOD FORUM 2025



On 26 November 2025, BIOSOLFarm took centre stage at **the AgriFood Forum 2025** in Vilnius, the largest annual agrifood event in the Baltic region. Through the panel discussion *"The Farm of the Future: From Practice to Policy"*, the project brought together farmers, policymakers, energy experts, researchers, and industry representatives to explore how regenerative agriculture and renewable energy can shape the future of farming.

The discussion showcased how solar, wind, and biogas technologies, combined with carbon-smart soil management and circular farming practices, can help farms reduce emissions, improve soil health, strengthen biodiversity, and create new economic opportunities. Speakers shared practical examples and insights on scaling innovative solutions from individual farms to regional agrifood systems.

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A key conclusion of the session was that the farms of the future will rely on integrated solutions that combine renewable energy, regenerative practices, supportive policies, and cross-sector collaboration. The discussion highlighted the important role of projects such as BIOSOLFarm in accelerating the transition towards more resilient, competitive, and climate-neutral agriculture across the South Baltic region.



DRIVING THE DIALOGUE ON SUSTAINABLE FARMING AND ENERGY TRANSITION

During this period BIOSOLFarm organised two high-level stakeholder discussions in Vilnius, bringing together experts, policymakers, farmers, and industry representatives to address the future of sustainable agriculture in the Baltic region.



The first session, held **on 4 November 2025**, focused on improving green support measures for farmers and identifying future priorities for green investments. Participants discussed how policy instruments and financial support can accelerate the adoption of renewable energy, energy efficiency solutions, and sustainable farming practices.



This dialogue continued on **22 January 2026** during an expert roundtable dedicated to renewable energy, energy efficiency, and farm resilience. Discussions explored practical pathways for strengthening the competitiveness and sustainability of farms through innovative technologies, new business models, targeted investments, and enhanced energy security.

Together, these events reinforced the importance of collaboration between farmers, policymakers, researchers, and industry stakeholders in advancing the transition towards more resilient, energy-smart, and climate-neutral agriculture.



BIOSOLFARM PARTNER MEETING

On 27 November, the BIOSOLFarm - South Baltic Farms Partner Meeting took place at AgriFood Lithuania DIH office, bringing together project partners and farmers to strengthen cooperation and exchange practical experiences related to renewable energy and sustainable farm development. Discussions focused on sharing good practices, identifying common challenges, exploring future collaboration opportunities and planning further project activities.

POLAND WHAT'S NEW?

On March 10, the BIOSOLFarm knowledge exchange event at Gdańsk University of Technology gathered farmers, experts and project partners to discuss renewable energy, circular economy and sustainable agriculture solutions. The event focused on practical approaches, policy strategies and cross-border cooperation supporting the green energy transition and sustainable rural development. Presentations by Lithuanian Energy Agency representatives also introduced Lithuania's strategic energy objectives and renewable energy development priorities.



On March 11, participants of the BIOSOLFarm study tour visited leading agricultural and renewable energy sites in northern Poland, including Fortune *Cieszymowo, KONPOL and CET-EKO*. The visits showcased practical examples of precision farming, sustainable crop management and agricultural biogas production, highlighting the role of innovation and renewable energy integration in strengthening sustainable and resilient rural development.



CET-EKO

A Polish company that has successfully transformed from an organic waste trading enterprise into a renewable energy producer. The visit showcased the company's agricultural biogas plant, which generates electricity and heat from organic waste while producing digestate used as a natural fertiliser. Participants learned about the role of biogas in supporting circular economy principles, reducing greenhouse gas emissions, and strengthening decentralised energy systems in rural areas.

CIESZYMOWO

One of northern Poland's leading dairy farms, managing 2,300 hectares of farmland and nearly 3,000 cattle. The study visit showcased how innovative technologies, precision farming, modern feeding systems, and sustainable soil management practices can enhance productivity while supporting long-term agricultural sustainability. The farm provided an excellent example of how large-scale agricultural operations can successfully combine efficiency, innovation, and environmental responsibility.



KONPOL



A grain-focused agricultural enterprise in northern Poland. The visit provided insights into modern crop production, efficient farm management and sustainable cereal cultivation practices.

Participants learned how the farm manages high-quality grain production, optimises crop planning and applies practical solutions to improve productivity and resource efficiency. The visit also highlighted the role of well-managed crop farms in the wider green transition, especially in relation to soil management, energy efficiency and sustainable rural development.



DECEMBER 9, 2025

The BIOSOLFarm Webinar *"Energy Transition in Rural Areas"* brought together participants from Poland, Lithuania and Germany to discuss sustainable agriculture, renewable energy solutions and rural development. The event presented current BIOSOLFarm project activities, practical examples of IoT implementation and the role of renewable energy solutions in rural areas, while also creating space for knowledge exchange and discussion between stakeholders.

During the webinar, *Arkadiusz Kropidłowski* Agricultural Farm presented practical experiences from farm-level implementation activities, followed by an exchange of knowledge and questions from participants. *Aleksandra Cieplińska* introduced the IoT installation implemented at the farm and explained how smart technologies can support energy-efficient and sustainable agricultural management.

The programme also included a presentation by Astro Energy focused on energy cooperatives as an element of distributed renewable energy systems supporting rural communities and local energy resilience.

OUR GERMAN'S PARTNERS:

CROSS-BORDER STUDY VISIT TO GERMANY

During a two-day study visit to Mecklenburg-Vorpommern, Germany, BIOSOLFarm participants explored practical examples of sustainable agriculture and renewable energy integration. Visits to innovative farms and the bioenergy village of Bollewick showcased biogas and solar energy solutions, sustainable dairy farming, farm diversification, and community-based renewable energy systems. The visit highlighted the importance of local cooperation, farmer engagement, and long-term investment in building resilient and energy-smart rural communities.



STUDY VISIT TO HOF POSTMA, GERMANY

As part of the BIOSOLFarm cross-border study visit in Germany, participants visited Hof Postma, an innovative dairy farm that successfully combines sustainable agricultural production with renewable energy generation and farm diversification. The farm demonstrated how solar energy and biogas can be integrated into daily operations to achieve energy self-sufficiency while contributing to local energy supply.

VISIT TO THE BIOENERGY VILLAGE OF BOLLEWICK

During the BIOSOLFarm study visit in Germany, participants visited the bioenergy village of Bollewick, a leading example of how rural communities can successfully transition to renewable energy. Through a combination of biogas plants, photovoltaic installations, and a local district heating network, the village has achieved a high level of energy self-sufficiency while supporting local economic development.



Participants learned about sustainable dairy farming, on-farm processing, direct marketing, and diversification activities, including agritourism and educational initiatives. The visit provided a practical example of how renewable energy, resource efficiency, and innovative business models can strengthen farm resilience and create new income opportunities for rural communities.

The visit demonstrated how long-term investment, strong cooperation between farmers and local authorities, and active community engagement can create sustainable energy systems that reduce emissions, strengthen energy security, and generate lasting benefits for rural communities. Bollewick serves as an inspiring model for regions seeking to combine renewable energy production with local development and climate action.



STUDY AND NETWORKING VISIT TO SOUTHERN SWEDEN



ON 22–23 OCTOBER 2025

BIOSOLFarm partners and farmers participated in a study and networking visit to Southern Sweden, exploring innovative approaches to sustainable agriculture, renewable energy integration, and circular economy solutions. Participants visited Björketorps Gård, Odevata Gårdshotell, and Aggaboden, where they learned about farm-level biogas production, dairy processing, biochar initiatives, aquaponic systems, circular resource management, and local food entrepreneurship.

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