

Side Event | November 19 | Ukrainian Pavilion

Seeds of Resilience: Innovations for Ukraine's Food and National Security

Hosts	Ministry of Economy, Agriculture, and Environment Mercy Corps Kernel IKEM Ukraine Energy Security Marshall Plan Low Carbon Initiatives
When	19 November, 11.00–12.30
Format	One-hour moderated panel discussion, 30 min Q&A

About

The war continues, yet Ukraine's agricultural sector endures as a cornerstone of national resilience and global stability. Despite immense challenges, Ukraine continues to cultivate, export, and innovate, demonstrating the determination of its people and the strategic importance of agriculture to the nation's sovereignty and recovery.

Agriculture remains not only the lifeblood of Ukraine's economy but also a pillar of its food security and a vital component of international efforts to maintain stable global markets. In the face of climate change, disrupted trade, and ongoing hostilities, Ukraine's experience underscores the inseparable link between **food systems resilience, national sovereignty, and global peace**.

This high-level session will explore how innovations in agricultural technology, regenerative and climate-smart farming, and sustainable finance mechanisms can strengthen Ukraine's capacity to ensure national food security, drive economic recovery, and contribute to global food stability amid war and climate challenges. It will spotlight pathways for mobilizing blended finance and distributed renewable energy, including baseload biogas systems aligned with the Global Methane Pledge and the 2025 UNECE COP30 Biogas Declaration, as well as digital transformation strategies that empower rural revitalization and long-term resilience.

Through dialogue among government representatives, private sector leaders, and international partners, the event will identify practical solutions and partnerships to ensure that Ukraine's agriculture emerges from the war more sustainable, competitive, and sovereign, serving as a model for resilience in times of crisis.

Guiding Questions:

- How can Ukraine strengthen **food self-reliance and resilience** amid disrupted trade, occupation risks, and climate stress?
- What **technological innovations**—from precision irrigation to AI-driven crop management—can accelerate the modernization of Ukraine’s agriculture?
- How can **blended finance** and transitions from donor support to private investment scale agricultural resilience and innovation?
- What role can Ukraine play in **stabilizing global grain markets** and addressing hunger in conflict-affected and vulnerable regions?
- How can **national and international partners** align policies and investments to make Ukraine’s agriculture both **green and sovereign** through agricultural bioeconomy approaches?
- In what ways can **Ukraine’s recovery** and bioeconomy development contribute to global food security and reinforce the link between **agriculture, sovereignty, and peace**?

Speakers

- **Pavlo Kartrashov**, Ministry of Economy, Agriculture and Environment of Ukraine
- **TBC**, FAO
- **Olga Petruniak**, Mercy Corps
- **Marta Trofimova**, Kernel
- **Kateryna Holzer**, University of Eastern Finland, Offcorr Project (Research Council of Finland)
- **Till Reinholz**, IKEM, IFZO, University of Greifswald
- **Mike Lemon**, Founder, Low Carbon Initiatives & BTR Energy

Moderator

- **Dr. Ievgeniia Kopytsia**, MSCA4Ukraine/Yaroslav Mudryi National Law University (Ukraine)/University of Genoa (Italy)/IKEM (Germany)

