



Strengthening Farmers' Capacity through Partnership and Innovation in the Seed Sector

The project is implemented with the support of the AGRO Program, funded by the U.S. Government

CHALLENGES AND CONTEXT

BAP



UAC



Global climate change is one of the key challenges for agricultural producers. Rising temperatures create risks of reduced yields and deterioration in grain quality



Structured and reliable information on varieties and hybrids for farmers



Convenient and practical **use of data on field** and laboratory trial results



Application of practical developments of regional seed centers by farmers



Exchange of experience and knowledge among farmers, seed companies, breeding and research institutions, and other market participants



Integration of international, particularly U.S., **experience** and **modern technologies**



REGIONAL SEED CENTERS

The AGRO Program supported the establishment of **three climate-adapted seed testing centers**:

- ❖ **Field and laboratory research** and testing
- ❖ **Demonstration and trial plots**
- ❖ **Implementation of a full cycle of field research**, statistical analysis, and comparative assessment of the adaptive potential of various varieties and hybrids to the soil and climatic conditions of the region
- ❖ Practical **recommendations** and solutions for agricultural producers



- ❖ **Informing** farmers about research results and their practical application
- ❖ Interaction and **exchange of analytical data** through the “SeedsVision Global” digital platform

KEY AREAS OF COOPERATION



- ❖ Cooperation with 15 U.S. seed and breeding companies
- ❖ Creation of favorable conditions for the entry of U.S. varieties and hybrids into the Ukrainian market
- ❖ Adaptation of modern breeding solutions to Ukraine's agro-climatic and production conditions
- ❖ Organization and implementation of joint field and laboratory trials at regional seed centers
- ❖ Systematization and dissemination of trial results through the "SeedsVision Global" digital platform

SeedVision Global PLATFORM

- ❖ Creation and development of the “**SeedVision Global**” online platform
- ❖ A unified information and communication space for stakeholders in the seed sector
- ❖ Interaction and information exchange among agricultural producers, regional seed centers, experts, partners, and research institutions
- ❖ Systematization, accumulation, and dissemination of field and laboratory trial results of varieties and hybrids



REFERENCE OPERATING MODEL

We will develop a **reference operating model** for regional seed centers.

The model will describe::

- Business processes of seed centers
- Mechanisms of cooperation with farmers
- Interaction with international partners
- The role of the SeedVision Global digital platform

The model will be scalable and can be adopted by other seed centers across Ukraine.





IMPACT ON THE SECTOR

- ❖ Strengthening interaction and partnerships between farmers and regional seed centers
- ❖ Enhancing transparency and openness of the seed market
- ❖ Ensuring accessibility, structured presentation, and user-friendly use of information on varieties and hybrids
- ❖ Integration of modern international, particularly U.S., innovations and technologies into Ukrainian agricultural production practices
- ❖ Establishing sustainable mechanisms of cooperation between Ukrainian and international partners
- ❖ Creating preconditions for further scaling of the model at the national level