



# CAPBIO4BG

## Kick-off meeting – presentation AUP

Prof. Hristina Yancheva

# Agricultural University of Plovdiv (AUP)

1. Since 1945, the AUP is a national center of agricultural science and education in Bulgaria and a leading institution in providing competences in agricultural business, science and education.
2. AUP address the current and future technologies in agronomy, plant protection, agroecology, environment safety, marketing and management of agri-food holdings, agri-food quality and safety, recycling, etc.

## 3. RESEARCH AND INNOVATION PROFILES

/more info at <https://www.au-plovdiv.bg/en/наука/семинари-и-конференции>

- [Agroecology and biodiversity](#)
- [Plant health](#)
- [Plant eco-physiology](#)
- [Bioeconomy](#)
- [Digital technologies in agriculture](#)
- [Climate change and sustainable agriculture](#)
- [Sustainable horticulture /Hortbio/](#)
- [Sustainable agriculture /Fruit growing/](#)



# Expertise

/related also to the CAPBIO4BG/

## **Partner 1 AUP Agricultural University of Plovdiv (coordinator and key beneficiary)**

Experience during coordination of national and European programmes and projects

Leading the national policy plan and the regional strategy on Bio-economy in Bulgaria.

Leading agricultural university in Bulgaria, providing higher education for BSc, MSc and PhD academic degrees in sub-sectors of the BE i.e. agronomy, plant protection, livestock husbandry, horticulture, agroecology and agricultural economy

Traditions in postgraduate Lifelong Learning (LLL) for enhancing qualifications of professionals.

Provides high-quality expertise to agri-business through R&D centres – i.e. Demonstration Centre for New Technologies in Agriculture; Centre for integrated management of plant diseases; Agroecological Centre, etc.

Modern Laboratory Complex, Laboratory of Plant Biotechnologies, Laboratory of Microbiological Technologies and Laboratory for Plant Physiology Analyses.

Partnership government structures i.e. Ministry of Agriculture, Forestry and Food by leading the expert group on preparing an “Analysis of the impact of agriculture on environment and climate change” for the new CAP 2021-2027 Bulgarian Strategic Plan on Agriculture.

# Partner research and education staff

/part to involved also in CAPBIO4BG/

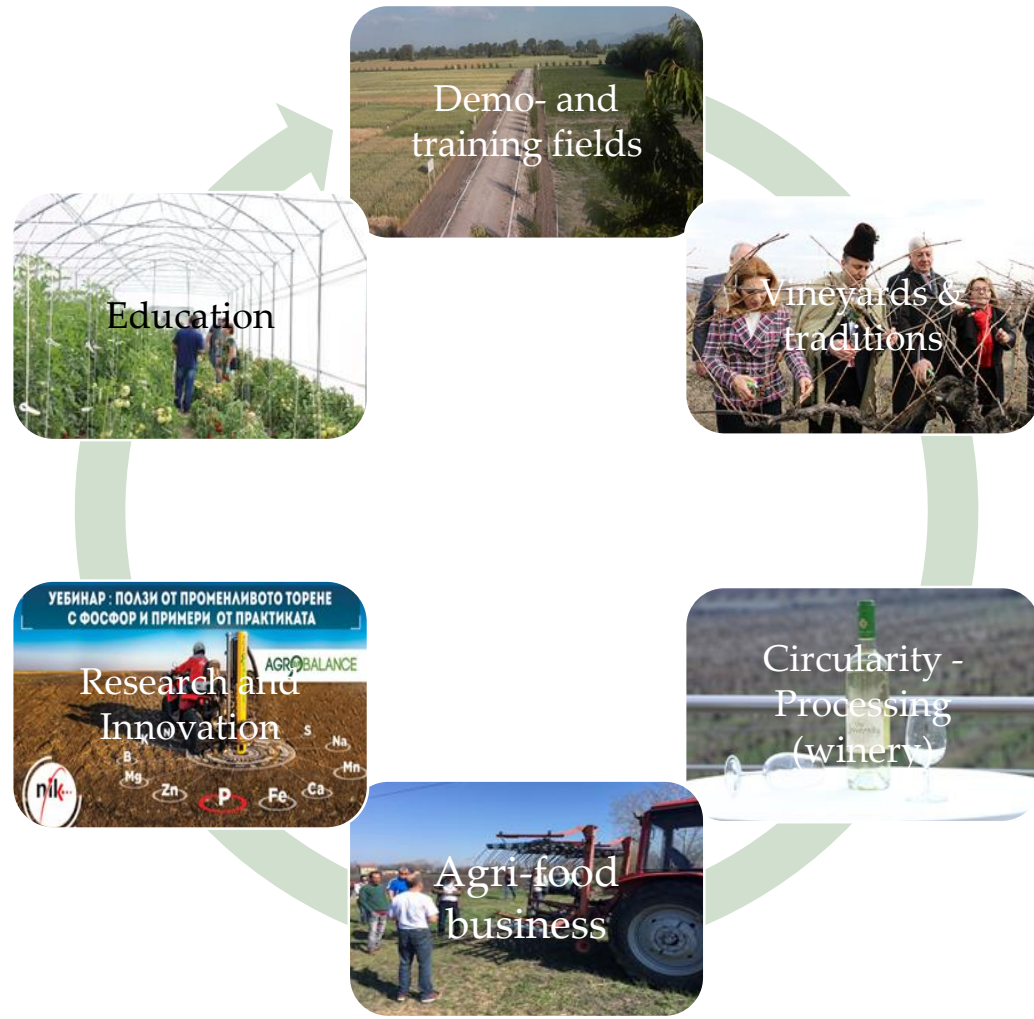
- Lecturing staff – 200
- Administrative and supporting staff – 160
- Enrolled students – 3800
- Degrees awarded – BSc, MSc, PhD
- BSc courses – 14
- MSc courses – 37
- PhD programs – 25
- Faculties – Agronomy, Horticulture and Viticulture, Plant protection and Agroecology, Economy
- Departments – 20

# Training and Research infrastructure

## 185 ha cropland managed at a high agro-technical level, more than 1500 biological units

- Field crops, orchards, vineyards and winery (collection of 400+ table and wine grape cultivars)
- Agroecological center
- Center for integrated management of crop diseases
- Green houses
- Animal farms
- Collaboration with agri-food business sector and NGOs, private farms, etc.

Favourable conditions for establishing a Bioeconomy Living Lab and a Knowledge Hub



# Programmes and Projects

## Coordination

- National Scientific Programmes (NSP) of the Ministry of Education and Science - NSP-FOOD ([www.nnp-food.au-plovdiv.bg](http://www.nnp-food.au-plovdiv.bg) ; 2018-2022), NSP-Smart crop production (2021-2024), NSP-Climate change and irrigation, etc.
- Research projects with Austria, China, etc. through the National Science Fund
- Research infrastructures – PLANTHEALTH

## Participation

- Horizon 2020 ( EcoStack , Suwanu Europe)
- COOPID - CE-FNR-15-2020 “COOPeration of bioeconomy clusters for bio-based knowledge transfer via Innovative Dissemination techniques in the primary production sector.”
- Advancing Sustainable Circular Bioeconomy in Central and Eastern European countries: BIOEASTsUP
- Research infrastructures- FNH-RI (FNH-RI BUL); 5D ALLIANCE; RINA
- More than 20 projects Erasmus+