



Research Infrastructure I_CENAKVA

Project name	Research Infrastructure I_CENAKVA
Registration number	CZ.02.01.01/00/23_015/0008204
Realization date	01.04.2024 – 31.12.2026
Recipient	University of South Bohemia in České Budějovice
Grant program	Programme Johannes Amos Comenius
Responsible coordinator	doc. Ing. Vladimír Žlábek, Ph.D.

PROJECT GOALS

The aim of the project is to support the upgrade and modernization of the large research infrastructure of the South Bohemian Research Center for Aquaculture and Biodiversity of Hydrocenoses (CENAKVA) through investments in key research equipment. This modernization will improve the infrastructure conditions for the scientific activities of national and international users, which are both research organizations, companies and other entities. The implementation of the project will contribute to the creation of quality conditions for the development of cutting-edge research. The modernization concerns all 4 research programs (RPs) of the center, each of which constitutes one key activity of the project.



Reproductive and genetic procedures for fish biodiversity conservation and aquaculture (RP 1):

Modernized unit/laboratory within the research program:

- Laboratory of Germ Cells
- Genetic Fisheries Center

"New" pollutants in the environment and their effect on freshwater ecosystems (RP 2):

Modernized unit/laboratory within the research program:

- Laboratory of Environmental Chemistry and Biochemistry

Sustainable aquaculture with a responsible water and nutrient management (RP 3):

Modernized unit/laboratory within the research program:

- Laboratory of Intensive Aquaculture
- Laboratory of controlled reproduction and intensive fish culture
- Laboratory of Nutrition

Freshwater ecosystems in the era of global change (RP 4):

Modernized unit/laboratory within the research program:

- Laboratory of Freshwater Ecosystems
- Laboratory of Machine Vision in Aquaculture and Water Protection

PROJECT BUDGET

	Amount
Amount of subsidy from the Ministry of Education and Science (2024-2026)	57 456 929,1



CONTACT: prof. Ing. Vladimír Žlábek, Ph.D. / **Responsible coordinator**
Mob. +420 777 698 427, E-mail: vzlabek@frov.jcu.cz