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STATE ENVIRONMENTAL  
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Název projektu: Strengthening of the collaboration between the University of South Bohemia in České Budějovice and COWI AS in Water Monitoring

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The project:

Protection of Waters is one of the most crucial global challenges for the 21st. century. "New" pollutants in the environment and their effect on freshwater ecosystems is one of the 4 RESEARCH PROGRAMS of the South Bohemian Research Centre of Aquaculture and Biodiversity of Hydrocenoses (CENAKVA) is an organizational part the applicant's Faculty of Fisheries and Protection of Waters (FFPW), the University of South Bohemia in České Budějovice (USB). COWI AS is an international consulting group, specialising in engineering, environmental science and economics, with headquarters in Lyngby, Denmark, with a strong branche focusing on water related issues in Norway, thus giving opportunities to spread the collaboration to the global level, far behind the Czech Republic and Norway in future.

Within the initiative, we support the strengthening of collaboration by a WORKSHOP. The workshop will take 4 days, be situated at the CENAKVA research infrastructure and important Czech and Norwegian stakeholders will be invited.

The AIM of the intensive workshop is to closely analyse the individual potentials, needs and challenges of the Czech and Norwegian society, define the opportunities in future and plan a mid- and long-term strategic goal of the cooperation and finally apply for a larger support from Norway funds or other financial schemes.

The collaboration will be closely connected to the CENAKVA Research Programme 2 objective, which is excellent comprehensive research of fate of 'new' extraneous compounds in aquatic and soil environments and a critical assessment of their impacts on exposed organisms and communities. Unique findings from significant spheres of identification, occurrence, fate and comprehensive effects of extraneous compounds of the PPCP type, pesticides and their transformation products under real ecosystems conditions are be obtained throughout the RP 2.

Expected results:

Personal meeting and intensive work on defining the needs and challenges / opportunities with a discussion on expectations and mobilizable means is a crucial precondition for strengthening an effective future collaboration.

The expected output is a workshop with active participation of all parties and important stakeholders, resulting in a draft and potentially full proposal to one of the prestigious financial support schemes, such as Norway Grants, H2020 or Horizon Europe.

This result should in long term lead to: 1) improvement of practice in the field of water quality monitoring 2) to development of real scale technologies more efficient for PPCP removal than recent ones 3) join activities aimed for potential application in other EU EEA regions than the Czech Republic and Norway.