

3.7 The evaluated unit's most significant interactions with the non-academic application/corporate sphere: representative examples FFPW

- 1) **Klatovské rybářství a.s.** – Testing the performance of interlinear crossbreds of common carp age categories; Support of pond periphyton in order to enhance trophic production and accompanied culture of pikeperch fingerlings; Technology of photostimulation for delay and control of sexual maturity in brook trout; In-field analysis of the content and quality of fat in the muscle of freshwater fish – Implementation in fishing practices.
- 2) **Rybářství Nové Hradky, s.r.o.** – Testing the performance in tench age categories; Development of technology for the preservation of pike testicular sperm; Technology of spawning and fry production in burbot.
- 3) **FISH Farm Bohemia s.r.o.** – Verification of the ozone used in large scale intensive fish culture; Utilization of RAS for rearing fingerlings of common nase; Implementation of rearing juvenile African catfish using newly developed technology; Optimization of nutrition in juveniles and older fish of pikeperch cultured under RAS; Optimization and application of out of season spawning in pikeperch within intensive aquaculture; Adaptation of pike-perch fry from natural food to pelleted feed utilizing already adapted vimba bream.
- 4) **Český hydrometeorologický ústav** – Sampling of juvenile and adult fish; Analyses of extracts from POCIS.
- 5) **Povodí Labe s.p.** – Analyses of environmental samples (incl. PFOA, PFOS, PFCs, triclosan and bisphenol A).
- 6) **Rybářství Chlumec nad Cidlinou, a.s.** – Extended shelf life of chilled fish products; Extending the shelf life of separated meat from freshwater fish and its use for developing new products.
- 7) **NYA EXPOSIMETER AB, Sweden** – Method development and analyses of new pollutants in passive samplers (POCIS, SPMD, DGT).
- 8) **Slovak University of Technology in Bratislava, Slovakia** – Determination of illegal drugs and pharmaceuticals in wastewater samples and extracts from banknotes.
- 9) **Fischzucht Rietschen GmbH, Germany** – Rearing and production of pikeperch juveniles using a new technological approach supporting fish adaptation in intensive aquaculture.
- 10) **BIL Sweden Admin AB, Sweden** – Analyses of perfluorinated compounds.