

University of Applied Sciences and Arts Northwestern Switzerland



Institute full name: University of Applied Sciences and Arts Northwestern Switzerland (FHNW), School of Life Sciences (HLS), Institute for Ecopreneurship (IEC)

Institute acronym: FHNW
Institute: IEC

Institute logo:



University of Applied Sciences and Arts
Northwestern Switzerland

http://web.fhnw.ch/cd/fhnw-logos/fhnw_e_10mm.jpg





Website: www.fhnw.ch

Address: FHNW, Gründenstrasse 40, CH-4132 Muttenz, Switzerland

Institute profile: The School of Life Sciences (HLS) of the University of Applied Sciences Northwestern Switzerland (FHNW) is located in the center of the tri-national Basel area (Switzerland – France – Germany). The four institutes of the HLS are Pharma Technology, Medical and Analytical Technologies, Chemistry and Bioanalytics and Ecopreneurship (IEC). Circa 80 scientists at HLS work currently on about 120 projects. The research and development activities of HLS encompasses a wide range of projects ranging from the development of new products and devices as well as the optimization of production processes in terms of material and energy saving up to life cycle and risk assessment of some of these products.

The core activities of the Institute for Ecopreneurship (IEC) at the FHNW include Environmental Technologies, Environmental Biotechnology and Sustainable Resources Management. It possesses lab facilities such as pilot-scale lab, trace analysis lab and radioisotope lab, which are all equipped with cutting-edge devices. IEC holds close contacts to relevant water authorities, end-users in the region such as municipal water and wastewater utilities which allows for on-site pilot-testing. The institute covers the whole life cycle of technologies from proof of concept and assessment over implementation to monitoring and evaluation. Frameworks and conclusive indicators play a crucial role in our daily work of assessments and evaluations in water technologies.

Involved personnel

<i>Name</i>	<i>Contact details</i>	<i>Key qualifications</i>	<i>Photo</i>
Prof. Thomas Wintgens	Thomas.Wintgens@fhnw.ch	He is a specialist in water technologies and has been coordinating several European projects (AQUAREC, RECLAIM Water).	
Prof. Christoph Hugi	Christoph.Hugi@fhnw.ch	He has experience in natural wastewater treatment facilities and frameworks to measure sustainable development with indicators from different spatial systems.	
Emmanuel Oertlé, M.Sc	Emmanuel.Oertle@fhnw.ch	He is a biochemical engineer with research interests focused on sustainable development and water management in developing countries and emerging economies, including technology transfer and capacity building.	
Claudia Niewersch	Claudia.Niewersch@fhnw.ch	The focus of her research is in water technologies, mainly membrane filtration. Additionally, she has experiences in technology assessment methods such as LCA and risk assessment.	

Jan Svojitka

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He is a chemical engineer with background in wastewater treatment technologies, particularly biological nitrogen removal and membrane bioreactor technology. He has been involved in several projects, and he is mainly in charge with pilot studies and development of processes on site.

