Meeting your Needs

Training and advanced training for all

“Capacity development”, “Training and advanced training” and “Lifelong learning” are keywords in worldwide activities for the achievement of the millennium development goals. You will receive tailor-made training solutions for your specific requirements in the fields of:


In accordance to your specific needs FiW composes an individual selection of theoretical and practical learning units and thus creates a unique learning environment that best fulfills your demands.

Your company’s success comes along with our blended learning concept. We combine a variety of different classical and modern learning methods to effectively transfer to you the knowledge from more than 150 years of German experience in the water and environment sector.

Discover in this brochure, how more than 30 years of experience of FiW in the field of training and international cooperation enable us to realize high quality training:

• for decision makers, engineers, technicians and students,
• in German, English, French or other languages,
• in Germany and in your home country.
Our Areas of Work and expertise

Wastewater Treatment and Anaerobic Sewage Sludge Treatment are two example topics selected out of our portfolio of services and expertise.

If you are interested in our complete Module Handbook, please contact us.

Wastewater Treatment
We all need water every day! And after using it, we want to use it again next day, in sufficient quality and quantity and without harming the environment. So, we need to treat it after industrial or municipal use and after using it in agriculture and in rural areas.

With FiW you learn how to develop, design and operate adapted solutions and modern technologies in wastewater management. We show you their applications in real life and you can experiment with wastewater treatment units in pilot plants.

Anaerobic Sewage Sludge Treatment
Sewage sludge treatment and utilisation is a very complex subject. However, up to now, it has played only a minor part in design and construction of wastewater treatment plants in developing and emerging countries. Biogas from anaerobic sewage sludge digestion allows you to save energy, to reduce costs, and also to contribute to climate change prevention.

Operating FiW’s pilot plants you can examine the complex process of anaerobic sewage sludge digestion in detail. Working on the pilot plants, you will experience the effects of several operating conditions on the digestion process directly, and examine a variety of important biological, chemical and physical parameters.

Excursions on wastewater treatment plants under construction and in operation allow you to share your experiential knowledge at technical and management level with professionals from the German water sector.
The idea behind the blended learning concept is to combine different learning methods to an individual learning concept. You will decide yourself whether you want to focus on individual, mobile or classical learning methods. It’s up to you!

Face-to-face classroom based education

This traditional way of knowledge transfer is still the best suitable method for teaching theoretical content. It enables direct interactivity between teacher and learners and amongst learners. Social interactivity is found to be one of the most important factors in efficiently consolidating the content learnt. FiW’s experienced educators offer scientific knowledge combined with specific experiences in an international project context.

Virtual learning environment

Modern multimedia technologies enable modern learning methods: “e-learning”, “mobile learning” (m-learning), “distance learning” are terms that indicate the new flexibility offered to the learner. Autonomous and student-centered learning is the result. Regardless of time and place, the learner has the opportunity to develop his individual learning pattern. An increasing number of FiW’s courses are now available as interactive e-learning modules. They can be used in pure self-learning or in combination with tutored learning or in life-seminars. Some modules offer game-like learning on virtual construction sites.

Field visits and excursions

Over 30 years of research and transfer of the results into practice have created FiW’s broad network of professionals at national, municipal and private level in Germany and around the world. This allows us to realize field visits and excursions to various plants and institutions in order to learn from living examples and particularly to profit from a direct dialogue and exchange of information between German professionals and learners in practice.

Blended learning concept

Learning • Understanding • Acting

The idea behind the blended learning concept is to combine different learning methods to an individual learning concept. You will decide yourself whether you want to focus on individual, mobile or classical learning methods. It’s up to you!

Practical training on semi-industrial pilot plants

The most effective way to understand and to learn is practicing. Hands-on pilot plants give you haptic experiences and thus deepen the knowledge, that before has been experienced audio-visually. FiW offers practical training on pilot plants, which allows you to experiment with various operating conditions and to experience their impact directly.

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Research Institute for Water and Waste Management

Institut de recherche pour l’aménagement des eaux et des déchets

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