

Extrait du OIEau - IOWater - OIAgua

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Training the Water professionals

- International Office for Water - Our skills -

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Description :

Ensuring the availability of the water resource, preventing floods, preserving aquatic environments, making drinking water and sanitation accessible for everyone are major stakes for our societies. For such a purpose, it is necessary to create organizations, to build infrastructures, to build and operate plants. But, first of all, it is necessary that the men and women, who have to make decisions, to design, exploit, manage, have the necessary abilities. **Capacity building** has always been at the core of IOWater activities.

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THE WATER TRAINING CENTER

IOWater has a water training center in Limoges region, the CNFME. For more than 30 years, it has proposed short training courses to water professionals, for them to acquire new knowledge or improve their practices. Each year, more than 5,000 people of all levels of qualification benefit from the training courses of the CNFME, leader on this market in France.

A catalogue of 500 training courses

In order to better meet the great diversity of needs, more than 500 training modules are programmed each year and proposed in the training catalogue of the CNFME.

They practically cover all aspects of water and its uses : drinking water, community and on-site sanitation, water analyses, maintenance and electromechanics, automated systems, sensors and remote management, management of service, water in the industry, management of water and aquatic environments, regulation and administrative organization…

The CNFME also addresses the elected officials of communities, by carrying out training days on issues related to their responsibilities regarding water. More than 10,000 elected officials attended these training days in the past 10 years.

The CNFME also developed an offer in the field of municipal and industrial waste.

A speciality, training under real working conditions

The CNFME developed a training concept, combining theory and practice, which places the students in situations comparable to their real working conditions. This original and active pedagogy very quickly enables them to be operational at the end of their training program.

A team of training project managers

The CNFME has a team of 30 project managers, training specialists and experts in the field of water. They take care of :

1. identifying the training needs and drafting the training plans,
2. formulating training programs,
3. designing training-supporting tools for the courses, case studies, teaching material,
4. carrying out the training courses with the students,
5. looking for the experts needed in very specialized topics.

Unequalled teaching equipment

In its two sites in Limoges and in its region, the CNFME has technical units dedicated to practical work related to the water professions, which represent full-scale equipment especially designed for teaching purposes :

[Plateforme Boues activées]

- Sanitation systems of all kinds
- Drinking water supply networks allowing leak detection
- Drinking water treatment units
- A unit for wastewater and sludge treatment
- Pumping unit
- Analysis laboratory
- Chain of sensors and remote management

TAILOR-MADE TRAINING COURSES

IOWater is carrying out in France and abroad complete and adapted training projects upon the request of its customers. It can assess the needs and skills of the personnel and propose training plans, organize and carry out training courses or seminars.

IOWater can implement innovating solutions, such as distance learning via the Internet or e-learning, or systems for measuring the acquired knowledge.

Reference : More than 1,200 organizations entrust the CNFME each year : public and private operators of drinking water supply and sanitation utilities, consulting firms, equipment suppliers, industrialists …

IOWater carried out specific training projects for local authorities (Greater Lyons, Lille Metropolis, SIAAP…) big private groups (VEOLIA, LDE) and abroad for FES (Switzerland), SONEDE (Tunisia), ADE (Algeria), ONEP (Morocco), REGIDESO (DR Congo), ICRC (Geneva) etc.

TURN-KEY REALIZATION OF TRAINING CENTERS

Using the experience gained by the CNFME, IOWater carries out abroad the complete engineering studies for the building of training centers.

[Le CEMCAS]

It makes the need assessment, the definition of the programs and organization, the design of the buildings and teaching units, the selection of the trainers and their training, the development of teaching-supporting tools.

References : **The Gdansk Water Foundation** (Poland), **CEMCAS** (Mexico), **NCWSTI** (South Africa)