

WATER TECHNOLOGY TRAINING CAMP

International Training of Trainers
25th -30th September 2023
in Stuttgart/Germany



LYON – HOST OF THE 47TH WORLDSKILLS COMPETITION

Every two years WorldSkills hosts the world championship of skills, which attracts more than 1,300 competitors from all over the world. WorldSkills gives youth the chance to compete, experience, and learn how to become an outstanding performer in their skill of choice. All participants have also the chance to win a prestigious medal for themselves and their country.

The skills are divided into 6 categories, as follows:

- Construction and building technology
- Manufacturing and engineering technology
- Creative arts and fashion
- Social and personal services
- Information and communication technology
- Transportation and logistics

For the third time, “Water Technology” will be held as an official skill in the category manufacturing and engineering technology. Whether working in water supply or wastewater treatment, the role of the Water Technician is to observe, identify, report, maintain, control and repair equipment and processes throughout the plant and the networks. For this purpose, they must have knowledge and expertise in mechanics, chemistry, biology, electrical and automation skills as well as environmental protection.

GERMAN WATER SECTOR TRAINING CAMP

The German water industry is very progressive and its knowledge, standards and rules can serve as guidelines to projects. In addition, Germany is one of the few countries in the world that offers a three-year skilled technician education in the environmental sector since 1984.

For this reason, DWA – the German Association for Water, Wastewater and Waste, being an expert in the water sector, organizes in cooperation with WorldSkills Germany, FESTO and Adiro a „Water Technology“ Training Camp in the German Performance Center for Worldskills Experts and Trainers, TVET and University Lecturer, Heads of Water Training Centers.

Participants will understand the basic setup of the German water sector and will learn how teachers train workers and academics in the field of water in Germany. With the training camp, participants are perfectly prepared for the tasks of the skill “Water Technology”. The training aims to explain all relevant tasks to compete on the WorldSkills Lyon 2023 competition in the skill „Water Technology“. The event is also open to people who do not participate in WorldSkills, but are interested in practical training in a group of experts.

- Hilmar Tetsch, Chief Expert Water Technology, Senior Wastewater Engineering Technician, City of Stuttgart
- Thomas Schwab, Hamza Lekhbizi – Company Adiro/FESTO
- Teacher, Kerschensteinerschule, Stuttgart



THE SESSIONS ARE GOING TO COVER THE FOLLOWING TOPICS

- Introduction to the German Water Sector, the education system (dual and university) and the technology used in the water utilities
- Tour through a wastewater treatment plant and water infrastructure plant
- Visit to the Bodensee Wasserversorgung, Sipplingen
- How to use the training equipment
- Laboratory water analysis
- PC based closed loop control
- Pump and valve maintenance
- Water 4.0 – The digitization of the water industry, Digital Learning



Sinovuyo Mboniswa (South Africa)

- WorldSkills Rules and Regulations
- Design training and implement a new task



Tsubasa Yamazaki (Japan)



Rain Lim (Singapore)
Expert Liu Qishan (Singapore)

WATER TECHNOLOGY TRAINING CAMP REGISTRATION

Herewith I sign up for the **Water Technology Training Camp** in Stuttgart/Germany

■ **Stuttgart** 25th - 30th September 2023

Family name/First name

Firm/Authority

Adress

Town/Country/Postcode

Tel./Fax

E-mail

Date/Signature

PRICE

2.500 €/Person

Including catering at school, transfers and excursions. The participants receive a DWA certificate.

Please contact us for more information
(Milena Seidel, seidel@dwa.de)

ACCOMMODATION AND TRAVEL

We recommend you to book Hotel Moxy Stuttgart Feuerbach or B&B Hotel Stuttgart-City. The hotels are close to the location Kerschensteinerschule and can be reached by foot. A travel from there to Frankfurt Airport takes about 1,5 h.

TARGET GROUP

Worldskills Experts and Trainers, TVET and University Lecturer, Heads of Water Training Centers who are interested to learn more about "learning in challenges" and about the water related tasks and equipment.

VENUE

Kerschensteinerschule
Steiermärker Str. 72
70469 Stuttgart

INFORMATION

German Association for Water, Wastewater and Waste (DWA)
Theodor-Heuss-Allee 17 · 53773 Hennef · Germany

Milena Seidel:
Tel.: +49 2242 872-181 · Fax: +49 2242 872-135
E-Mail: seidel@dwa.de

DWA-TERMS AND CONDITIONS

The general terms and conditions of DWA are deposited under www.dwa.de/veranstaltungen/agb.
If required, we will send you the terms and conditions.

Video and audio recordings may be made during the event due to the online transmission.

PHOTOS

German Association for Water, Wastewater and Waste (DWA)



ADIRO
Didactic and Automation



Clear Concepts. Clean Environment.
German Association for Water,
Wastewater and Waste



FESTO

