



Project BIWAC - Lebanon

Bavarian Institutional Water Cooperation

Project Name	BIWAC - Bavarian Institutional Water Cooperation
Country/Region	Lebanon/in the following three regions: Beirut/Mt. Lebanon, Bekaa and Tripoli
Time Frame	1. Project Phase: 01/2017 - 12/2017 2. Project Phase: 01/2018 - 12/2018
Finances	Bavarian State Chancellery
Project Goal	Combating the causes of migration by strengthening regional water suppliers taking into account the competences of the Bavarian public administration of water and wastewater management. The causes of rural depopulation due to lack of water supply in municipalities are reduced.
Target Groups	Direct Target Group: Experts from water supply companies, municipalities as well as political decision-makers in Lebanon; during second phase 18 experts from the water and waste water sector are trained. Indirect Target Group: Around 2500 employees from the water and wastewater sector in Lebanon will be trained by experts. Refugees, among others from Syria, as well as disadvantaged Lebanese population, who are suffering from insufficient water supply will benefit from their knowledge

Background

Although there is sufficient rainfall in Lebanon, the water supply is disrupted due to bottlenecks in the technical supply network and due to the additional number of consumers of 1.6 million refugees. Lately, the water administrations of municipalities have to cope with twice as high water consumption as before as well as a correspondingly precarious sewage situation. Lebanon is therefore significantly exposed to water stress. Except groundwater and surface water, also seawater, which needs to be desalinated, must be used to cover the water supply of the Lebanese population, refugees as well as industry and agriculture. In the water and wastewater sector, qualified staff, which is able to deal with these problems, is missing in Lebanon.



Workshop in Ras Nabi Younes at wastewater treatment plant

German Partner bfz gGmbH - International Division Hof

The International Division of Training and Development Centers of the Bavarian Employers' Associations (bfz gGmbH) implements development projects in the field of vocational training worldwide. Since 2014, bfz supports refugee projects in Iraq and Lebanon to mitigate migration. Employees of schools, ministries and enterprises are trained as multipliers by German bfz experts.

Partners

Bavarian Environment Agency



Berufliche Fortbildungszentren der Bayerischen Wirtschaft (bfz) gemeinnützige GmbH

Partner Organizations

Technology Transfer Water (TTW)

The “Technology Transfer Water (TTW)” project, that is located within the Bavarian Environment Agency (LfU), was established in 1999 by the Bavarian State Ministry of the Environment and Consumer Protection to support international cooperation in the field of water management. The structures in the environmental sector that were developed in Germany for decades, such as widely recognized standards, certified technical professional qualifications related to water management, as well as basic and advanced trainings are offered to interested partner countries.

Bavarian School of Public Administration (BVS)



The Bavarian School of Public Administration (Bayerische Verwaltungsschule - BVS) was founded in 1920 and is supported by the Free State of Bavaria, the Bavarian municipalities, cities, counties and districts. The core task of BVS is to provide employees of public service with the best possible education in basic and advanced training. The fields of activities include the training of technical experts in various environmental engineering professions.



Visiting the Bavarian School of Public Administration in Lauingen

Project Overview

	Mission I	Mission II	Mission III
1. Project Phase	Bavarian water experts were identifying the problems of the water and wastewater sector in Lebanon. They presented their experiences from the Bavarian water management in municipalities and organizations.	In a technical seminar on water and wastewater in Bavaria, Lebanese experts were informed on state-of-the-art technologies and concepts offered by Bavarian companies and institutions. They learned about practical and useful applications and could establish personal contacts with Bavarian counterparts.	Bavarian and Lebanese experts elaborated together a concept for the qualification of employed staff working in the water and wastewater sector under consideration of the local structures and conditions in Lebanon.
2. Project Phase	German water management expert teaches 18 Lebanese experts during a one week course in Lebanon on how to develop a curriculum and material for a basis course for skilled workers on water and wastewater management based on the concept elaborated in the first project phase.	A German water management expert teaches 18 Lebanese experts during a 2.5 days course on how to develop a curriculum and material for an advanced course on specific content of water and wastewater management.	After passing an exam the Lebanese experts get a certificate and will continue with training on the job for trainers in Lebanon. This way, a group of 2500 employees from the water and wastewater sector is focused on to be reached.

Contact Germany		Contact Lebanon	
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