

## PROJECT INFORMATION

### Study visit of the Turkish Research Council on the treatment of wastewater from health facilities



Visit of waste water treatment plant in Brenzingen

Source: Keya Choudhury,  
Agentur Choudhury

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**Target country:** Turkey  
**Duration:** 10/2017– 11/2017  
**Beneficiaries:** Turkish Republic  
Ministry of Environment and  
Urbanisation, Turkish Research  
Council (TÜBİTAK MAM)  
**Implementing organisation:**  
Agentur Choudhury  
**Project number:** 82410

#### Background

On behalf of the Turkish Ministry of the Environment (MfUS), the Marmara Research Center of the Turkish Research Council (TÜBİTAK MAM) carried out a project on the treatment of waste water from health facilities. Its aim was to develop suitable framework conditions, a strategy and standards for the treatment of this wastewater in Turkey. The project investigated suitable sewage treatment methods for this type of wastewater and the fundamental question of whether wastewater from health facilities should be collected separately or discharged to the municipal sewage system. In addition, the Turkish experts wanted to learn from German experiences.

#### Project details

During a study visit to Germany in November 2017, twelve representatives of the MfUS and the Marmara Research Center deepened their knowledge of the treatment of wastewater from health facilities. For this purpose, they visited hospitals, sewage associations, waste management companies and research institutes and exchanged ideas with the German experts. In particular, the Turkish experts deepened questions concerning the advantages and disadvantages of the separate collection and treatment of this wastewater compared to the collection and treatment in municipal wastewater treatment plants as well as the existing technical regulations, standards and solutions in Germany. The findings of the study visit are directly incorporated in the final report "Elimination of adverse effects of various quality and quantity of wastewater emanated from healthcare facilities" of the Marmara Research Center on the main project to the MfUS.

**Project coordination:**  
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