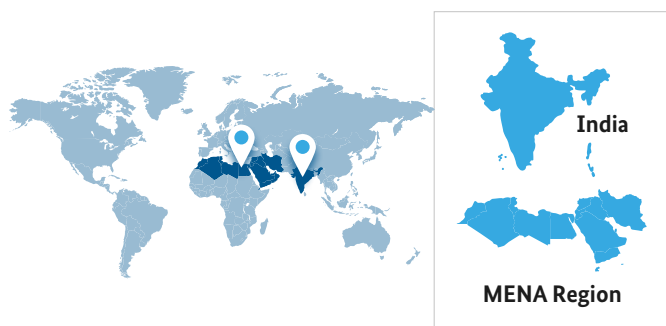


Compendium of Best Practices and Technologies for Industrial Wastewater Treatment



Background

Industries require an abundant supply of fresh water for cooling products or equipment and other processes. The wastewater from these industrial processes contains high concentrations of specific pollutants. If released untreated or inadequately treated, this wastewater causes serious environmental pollution associated with risks for public health. The solutions, technology, and knowledge around the treatment, recycling, and reuse of industrial water are available, but not widespread in many regions of the world.

Decision makers in the partner countries (India and in the MENA region) need solid criteria to assess and apply the best available industrial water treatment technologies which consider both ecological and economic aspects.

Aim of the cooperation



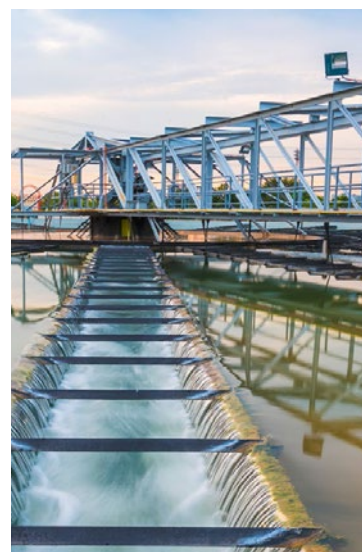
The aim was to develop a guidance document for the identification and application of Best Available Techniques (BAT) for the management and treatment of industrial wastewater in key industrial sectors relevant for the target countries (India and the MENA region).

This module contributed directly to the Sustainable Development Goal 6 on clean water and sanitation, specifically target 6.3: “By 2030, improve water quality by reducing pollution, eliminating dumping, and minimising release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally”.

What we do

- **Technologies for Industrial Water Treatment:** The German Water Partnership e.V. (GWP) developed a compendium of technologies for industrial water treatment in India and the MENA region⁴, which included the compilation of knowledge from project partners in their network.
- **Knowledge Management:** GWP also organised workshops to exchange experiences, highlight opportunities for future collaboration and network with relevant project partners within the field of industrial wastewater treatment in Germany and the target regions.
- **Multipliers:** Dissemination of knowledge generated in the industrial water compendium to relevant public and private institutions.

4 <https://greentechknowledgehub.de/publications/industrial-water-compendium-guide-decision-makers-industrial-wastewater-management> (available in English, French, German and Arabic)



Key results

- GWP conducted two high-level engagement workshops on experiences in industrial wastewater treatment technologies in India and in the MENA region in September 2020
- In November 2021, two workshops took place to present the industrial water compendium

Project partners

- German Water Partnership e.V.

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