



Jordan

## Quality Infrastructure for Efficient Water Management

<b>Objective</b>	The living conditions and climate resilience of the population and Jordan's stability are ensured by safe, non-discriminatory access to (drinking) water and proper water and wastewater management. The institutions of the Jordanian water sector, Ministry of Water and Irrigation (MWI) and Water Authority of Jordan (WAJ), and water utilities make use of new quality infrastructure services.	
<b>Approach</b>	<p>The new project is aligned to the overarching German development cooperation programme in the water sector and thus contributes to achieving the overall objectives of the Jordanian government and German cooperation efforts in the water sector.</p> <p>The institutions of Jordanian quality infrastructure (QI) lack specific expertise and the capabilities necessary to offer services to the water sector in the fields of fluid flow measurement and water management. At the same time, the water sector is currently not actively demanding these services, as awareness about the added value of QI in the water sector is not very widespread.</p> <p>The project aims to establish new services at the QI institutions (Royal Scientific Society-Jordan National Metrology Institute – RSS-JNMI and Jordan Standards and Metrology Organisation – JSMO) and to improve cooperation between the QI sector and the water sector. In addition, the capacities of the water sector institutions for measuring consumption will be expanded. To this end, technical and process consultation is provided, training measures are carried out and the dialogue between the QI and the water sector is strengthened. In addition, the transfer of international expertise on the topic of intermittent supply to Jordan is supported.</p>	
<b>Impact</b>	<p>The project aims at strengthening the competences of the RSS-JNMI in the measurement of water meters. The focus will be on assuring the traceability of the measuring equipment that is used to ensure that water consumption measurements are accurate. Furthermore, it is envisaged that the competences and services of the national metrology institutions, including the JSMO, will be strengthened for water consumption measurement. Awareness will be increased through capacity building; advising regulatory authorities and water supply companies on quality assurance; and quality management. Finally, the national dialogue between water sector stakeholders and the quality infrastructure institutions will be initiated.</p> <p>The overall impact of the project entails the development of new services of the QI institutions as well as improved cooperation between the selected water utilities and QI institutions.</p>	
<b>Cooperation</b>	The project will cooperate closely with other German development cooperation projects and with international partners in the sector. It will be implemented in close cooperation with the MWI, WAJ and the three different national water utilities, namely Yarmouk Water Company, Miyahuna and Aqaba Water Company.	
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Royal Scientific Society



مؤسسة المواصفات والمقاييس  
Jordan Standards & Metrology Organization

