

Securing the water supply in Peru's cities

Context

According to the United Nations, Peru is one of the five countries experiencing the greatest impact of climate change. Around 300,000 people were affected by floods in 2017, 70 per cent of them in the cities of Piura, Trujillo and Lima. These caused more than four million dollars worth of damage.

The Peruvian Government wants to expand water supply and sanitation infrastructure in the long term and promote urban resilience to climate change. The Ministry of Housing, Construction and Sanitation (Ministerio de Vivienda, Construcción y Saneamiento, MVCS) is responsible for developing policies, strategies and the legal framework in the water and sanitation sector.

Title	Programme for the modernisation and strengthening of drinking water and wastewater management (PROAGUA II)
Commissioned by	German Federal Ministry for Economic Cooperation and Development (BMZ). Cofinanced by: Swiss State Secretariat for Economic Affairs (SECO)
Country	Peru
Lead executing agency	Ministry of Housing, Construction and Sanitation)(MVCS)
Overall term	2015 to 2023



New control centre at a water utility company.



Groundwater monitoring with a probe at the water utility company Sedalib.

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Objective

The water supply for Peru's urban population is secure.

Approach

The project supports the responsible ministry, the national regulatory authority, selected local water utility companies and the drainage basin commissions in planning and implementing measures. The objective is to improve water safety.

For example, with the support of the project, certain measures were implemented to increase water security in Piura, Trujillo and Lima. In addition, the project has helped to improve the efficiency of 40 wastewater treatment plants and certify the skills of around 70 per cent of the technical operating staff. In addition, the project has supported the development of the national water supply and sanitation plan for the next five years to further align it with the goals of the international 2030 Agenda.

The Swiss State Secretariat for Economic Affairs (SECO) is contributing financially to the project.

Results

- Improvement of the performance of **26 wastewater treatment plants**, equivalent to the treatment of wastewater from an additional **100,000 inhabitants**
- **49,000 families** in San Martin have improved and secure **access to drinking water 21h/day**



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