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**GERMAN GOVERNMENT AND
FEDERAL STATES PROGRAMME**
BUND-LÄNDER-PROGRAMM (BLP)



Federal state – partner country

Saxony – Peru

Title

Groundwater Protection in Post-mining Aftercare
in Peru

In cooperation with the GIZ programme

Regional Cooperation for the Sustainable Management
of Mining in the Andean Countries III (MinSus)

Financing arrangements

BMZ contribution € 255,119

Saxony contribution* € 169,995

* This project is co-financed from tax funds
based on the budget passed
by the members of the Parliament
of the Free State of Saxony.



Duration

01.06.2020 – 31.10.2022

Responsible ministry

Saxon State Ministry of Energy, Climate Protection,
Environment and Agriculture

This project helps to achieve the following
Sustainable Development Goals (SDGs):



Collecting samples from Lake Orcococha, Peru

Water Resource Protection in Post-mining Rehabilitation

Local situation

The Andean region is expecting a new commodities boom. This is due in particular to the increasing demand for raw materials to feed the transition to new forms of energy and transport. Modern mining in the Andean countries plays an essential role in pro-poor green growth and the provision of raw materials for climate-friendly technologies. However, it also gives rise to conflict due to the use of environmentally damaging mining methods. Particularly in the arid regions of the Andean countries, multiple demands on water (mining, fishing, agriculture, and settlements) create conflict around the use of this scarce resource; Peru is no exception to this. Peru has developed a fully complete administrative structure for post-mining rehabilitation. However, the know-how of the responsible sub-national and regional administrations is currently not sufficiently developed to efficiently implement the laws on protecting water resources during post-mining rehabilitation.

“Mining irrevocably changes a region’s nature and landscape. Despite numerous examples of successful rehabilitation, there’s still a long struggle ahead of us to ensure the hydrological balance in Saxony’s post-mining landscapes is maintained. This is all the more reason to hope that this project helps to ensure that international standards and sustainability goals for responsible mining are implemented consistently on a local level, for the sake of the affected people in Peru. Access to sufficient clean water is a matter of life and death!”

Wolfram Günther,
State Minister of Energy, Climate Protection, Environment
and Agriculture of the Federal State of Saxony



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Rural landscape in Pacococha, in Peru’s mining-dominated region of Huancavelica

Cooperation arrangements

The cooperation partner in the Free State of Saxony is the Saxon State Ministry for Energy, Climate Protection, Environment and Agriculture. The implementation partner is the Dresden Groundwater Research Centre e.V. (DGFZ). The Regional Cooperation for the Sustainable Management of Mining in the Andean Countries project, which is being conducted as a cooperation project between GIZ and the Federal Institute for Geosciences and Natural Resources (BGR), serves as the project’s main starting point.

in Saxony and adapted to the local context. To achieve this, training courses and workshops are held in collaboration with the project partners and plans for implementing the proposed solutions are developed. All of the documents created as part of this BLP project are made available to the TC programme so that they can be distributed across the region if required. The project cycle concludes with a conference held in Saxony, which is attended by the Peruvian actors involved as part of a study trip.

What we are doing – and how

Shaped by its own experiences of dealing with the challenges posed by mining legacies, Saxony has used the 30 years that have elapsed since the reunification of East and West Germany to implement a comprehensive set of regulations for water resource protection in post-mining rehabilitation. This project analyses Saxony’s experience, compiles its best water resource protection practices and prepares them for practical application in Peru.

To this end, the project within the German Government and Federal States Programme (German: Bund-Länder-Programm; BLP) is surveying affected bodies of water in two pilot regions in mining areas in the arid region of southern Peru. The goal is to be able to suggest possible solutions for protecting water resources in post-mining rehabilitation to the responsible Peruvian subnational regional administrations. These solutions are based on experience gained

Useful links

- TC programme Regional Cooperation for the Sustainable Management of Mining in the Andean Countries III (MinSus):
<https://minsus.net/en/who-we-are/>
- Dresden Groundwater Research Centre e.V. (DGFZ):
<https://www.dgfz.de/en/>
- Raw materials strategy of the State of Saxony:
<https://publikationen.sachsen.de/bdb/artikel/16194>
(in German)
- More information on the programme:
<https://www.giz.de/en/worldwide/91262.html>
<https://www.giz.de/en/worldwide/34949.html>
<https://bund-laender-programm.de/en>

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GIZ is responsible for the content of this publication.