

02 | Case Study

Design of an operational management model for desalinated water

Business Opportunity

Our client needed to develop an operational model to manage the supply of desalinated water (BOOT). The model had to ensure that the objectives and benefits of the service were met while minimising risks, without affecting the operation and continuity of the copper concentration plant.

Solution

Vantaz carried out the entire project design and plan to implement technologies, processes and organisational changes. The main points were:

- › Design of an operations management model based on management with ad-hoc components to the mining business.
- › Incorporate BOOT contract definitions and consider stakeholder views to ensure delivery.
- › Develop mechanisms to address 'BOOT contract vulnerabilities'.
- › Create and implement a plan for change management in the model.

Results

- › Standardisation of a continental water management and desalination model that secures supply and costs for the business (Water and Energy).
- › Definition of the governance of the management model according to specialties and scope of action.
- › Definition of the functional requirements for the operational supply, control and performance of the contractor.
- › Construction and implementation of a change management strategy to integrate teams from different areas (utilities, operational, planning and process control).



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