

Mine, Moatize (Mozambique)

An electrification and automation system increases the efficiency of a coal processing facility

Project Description

A complete electrification and automation system is increasing productivity in a new coal mine and reducing energy consumption. After completion, it will have a nominal capacity of 11 million tons of coal per year – 8.5 million tons of coking coal and 2.5 million tons of power plant coal. The construction period of the 32million-dollar US project was from 2009 to 2011 and has been fully operational since 2012. The mine is one of the major investments of VALE in Africa and is being built in Moatize in the Tete Province of Mozambique. VALE is a company with headquarters in Brazil and operates in over 30 countries. The start-up for Moatzie II is planned for 2015.

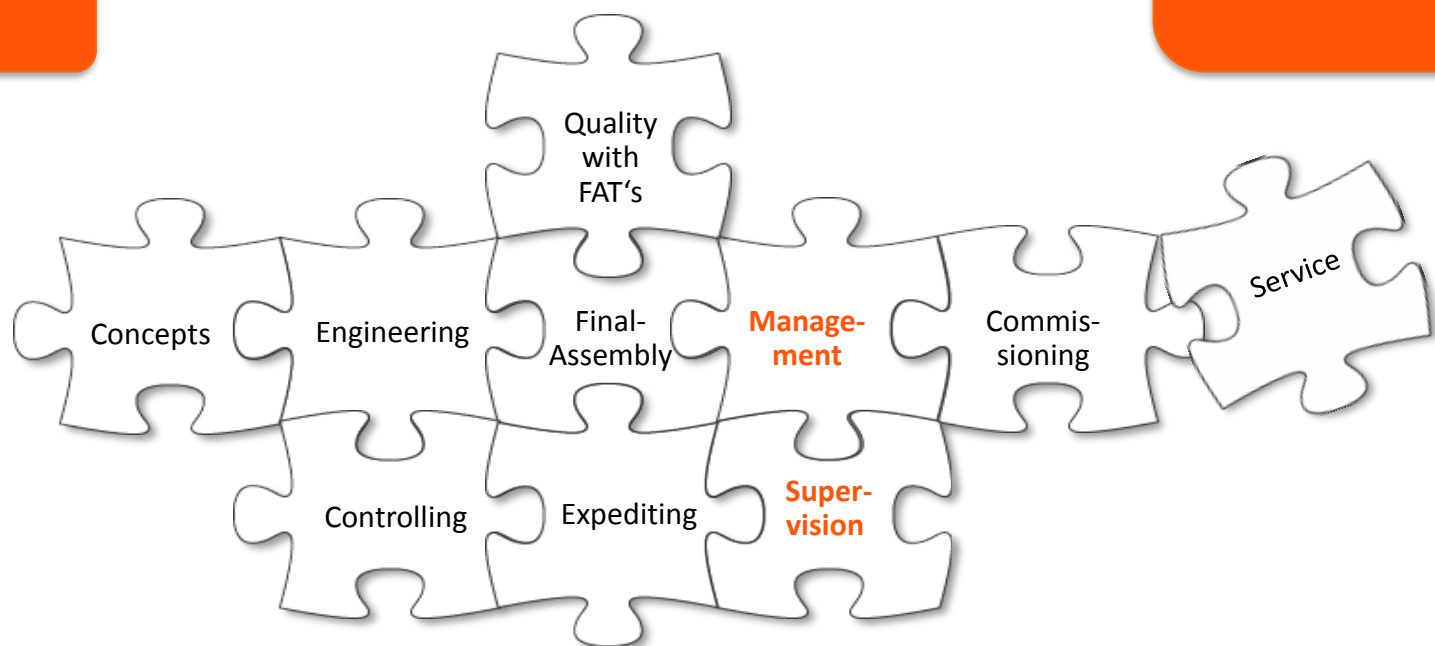


The role of INP Switzerland

INP Switzerland was commissioned by ABB Switzerland to act as the interface between the client and other consortium partners in technical as well as commercial matters. Moreover, INP was responsible for monitoring the material supplied by ABB, the installation of various switchgears and cables, site administration as well as HSE management.

Smart E-Engineering-Services

Flexibility Throughout the Project



Site administration

- Transfer logging of DDU deliveries
- Transfer logging of installed system components
- Testing and quality control
- Detailed installation and commissioning planning in cooperation with VALE and B&W
- Coordination / interface and project monitoring between VALE, B&W, ABB, ABB South Africa and ABB Schweiz
- Conference calls, MoMs, status reports
- Assistance with HSE
- Installation supervision
- Expansion of existing switchgears and construction of new ones



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