



Deutsche Industrie- und Handelskammer für das südliche Afrika
Southern African-German Chamber of Commerce and Industry

Press Notice

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CC:Mineral Resources Seminar: Water Management in Mining

Johannesburg, 18 May 2017 - The Competence Centre for Mineral Resources at the Southern African-German Chamber of Commerce and Industry hosted a Water Management in Mining seminar this week. The seminar was held in Sandton, where company speakers from South African and German industry shared their solutions and experiences on practical case studies, in which their solutions have been implemented.

The Council for Scientific and Industrial Research (CSIR) presented a keynote address, covering the scope of the problem and the solutions to an ideal 'walk-away'-mine-closure. AVENG Water and Miwatek followed with presentations on how they have installed and are operating mine water treatment plants, each of them built to fit the unique characteristics of the environment where the mine is.

Being able to measure and model the extent of acid mine drainage properly means that it can be better managed. To this end, a solution was offered by DMT GmbH, whose technology allows effective modelling of the flow of contaminated mine water. This technology has already been implemented around the East Rand Basin, in partnership with the local North West University, and should allow experts to better predict future outcomes.

Fugro Consult presented their holistic solution to measuring and creating a complete Water Budget Model, working in cooperation with LUG Engineering, who have developed modular design systems focusing on main process technologies of aeration, flocculation and sedimentation.

The issue of the prevention of decanting at some of the unused mine shafts has necessitated great volumes of dewatering of the Central, East and West basins. Highlighting their involvement in the dewatering at each of these basins, Ritz pumps was able to share some of their product innovations that have ensured the continued operation of this project.

Water management of mine water is a collective effort and failing to maintain this process will affect both industry and society. The cooperation between the state and the mining sector in ensuring future water availability by means of the Eastern Basin AMD project was showcased by the Department of Water and Sanitation. The hope is for

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Mr T Abbott, Mr M Boddenberg* (*German) (**Austrian)

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industry to build upon the success of this project and actively pursue similar projects in the future.

The event was well attended and received, with the audience expressing their interest and engaging in asking pertinent questions during the panel discussion held at the end.

Southern African-German Chamber of Commerce and Industry

The SAGCCI has been operating in Southern Africa for over 65 years. Bringing together potential business partners is one of our key service offerings. We foster business links between Germany and Southern African companies through comprehensive and target group oriented researches, workshops, seminars and business delegations that bring you in contact with competent business partners in your industry. Contact the Chamber to get connected with German and southern African businesses at info@germanchamber.co.za; or call +27 11 486 2775.

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