

Media Release

Voith Group

Mailing address
Voith GmbH & Co. KGaA
Group Communications
St. Poeltener Strasse 43
89522 Heidenheim, Germany
Tel. +49 7321 37 -2209
Fax +49 7321 37 -7000
www.voith.com

2020-02-07

Voith signs memorandum of understanding to build training center in Angola

- Agreement signed in the presence of Federal Chancellor Dr. Angela Merkel, the Angolan President João Manuel Gonçalves Lourenço and the Angolan Minister for Energy and Water João Baptista Borges
- Significant contribution to the training of skilled personnel for technical and commercial occupations in Angola
- Substantial hydropower potential in Angola still untapped

HEIDENHEIM, Germany. Within the framework of a delegation led by the German Chancellor, technology group Voith signed a memorandum of understanding in the Angolan capital Luanda on 7 February 2020 to build a training center in Angola. The memorandum of understanding was signed by João Baptista Borges, Angolan Minister for Energy and Water, and Dr. Toralf Haag, President and CEO of Voith, in the presence of Dr. Angela Merkel, the Chancellor of the Federal Republic of Germany. A business delegation accompanied the German Chancellor on her visit to South Africa and Angola for political discussions.

Ground-breaking collaboration to build up local expertise

Voith Hydro has had a presence in Africa since the 1930s. Since then, Voith Hydro has been a regular supplier of equipment to the hydropower industry on the African continent, not least through its successful realization of the two hydropower projects Cambambe I in 2012 and Cambambe II in 2017. With a view to stepping up its local commitment, the company intends to build a training center to provide training and professional development in the renewable energy sector of hydropower. The company will receive support in this venture from the Ministry for Energy and Water of the Republic of Angola (MINEA). The establishment of the Voith Academy and associated development of a training center are designed to provide basic and advanced training for skilled workers in Angola in technical and commercial occupations relevant to the hydropower industry.

In accordance with Voith's long-established dual training approach, it intends to build a training center for the theoretical part of the training. For the practical training component Voith plans to work with the trainees to build a small hydropower plant in the Cuemba region. Voith will consult with MINEA in 2020 to determine a suitable location for the training center. The envisaged total investment will be in the region of several million euros.

Substantial hydropower potential in Africa

Africa has a huge technically feasible hydropower potential, estimated to be more than 470 gigawatts (GW) for the entire continent. However, the current installed capacity in Africa is only around 36 GW, meaning that the continent has the world's highest percentage of as yet untapped hydropower potential. This is why many countries are accelerating the construction of new plants to produce regenerative energy from water. In remote regions the focus is on small hydropower stations that help facilitate the rapid development of reliable decentralized power grids.

The declared objective of the Angolan government is an increase in electricity generation capacity from the current 5,700 MW to around 9,000 MW for years to come. In addition, the surplus energy expected to be produced is set to be offered to neighboring countries, which will boost Angola's economic development. Projects like Cambambe II are milestones for the African country on the west coast of the continent as it moves towards a more diversified and stable energy supply for households and industry. Because until now, the existing electricity supply has only covered about 40 percent of the population. This means that more than 15 million people are having to live without electricity, despite the fact that Africa has a huge hydropower potential that has so far not been exhausted. This potential will now be used to expand the regional electricity supply in a sustainable, efficient and low-emission way.

About the Voith Group

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, the company today has more than 19,000 employees, sales of € 4.3 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

The Group Division Voith Hydro is part of the Voith Group and a leading full-line supplier as well as trusted partner for equipping hydropower plants. Voith develops customized, long-term solutions and services for large and

Voith Group

Mailing address

Voith GmbH & Co. KGaA

Group Communications

St. Poeltener Strasse 43

89522 Heidenheim, Germany

Tel. +49 7321 37 -2209

Fax +49 7321 37 -7000

www.voith.com

small hydro plants all over the world. Its portfolio of products and services covers the entire life cycle and all major components for large and small hydro plants, from generators, turbines, pumps and automation systems, right through to spare parts, maintenance and training services, and digital solutions for intelligent hydropower.

Voith Group

Mailing address

Voith GmbH & Co. KGaA

Group Communications

St. Poeltener Strasse 43

89522 Heidenheim, Germany

Tel. +49 7321 37 -2209

Fax +49 7321 37 -7000

www.voith.com

Page 3 of 3



Caption: Dr. Toralf Haag signed the memorandum of understanding with the Angolan Minister for Energy and Water João Baptista Borges in the presence of Federal Chancellor Dr. Angela Merkel and the Angolan President João Manuel Gonçalves Lourenço.

Contact

Kristine Adams

Vice President Global Market Communications

Group Communications

Voith GmbH & Co. KGaA

Tel. +497321372228

Twitter

<https://twitter.com/voithgroup>

https://twitter.com/voith_hydro

https://twitter.com/voith_paper

https://twitter.com/voith_turbo

https://twitter.com/Voith_Digital

https://twitter.com/Voith_Career

LinkedIn

<https://www.linkedin.com/company/voithgroup>

<https://www.linkedin.com/company/voith-hydro>

<https://www.linkedin.com/company/voith-turbo>

<https://www.linkedin.com/company/voith-paper>

<https://www.linkedin.com/company/voith-digital>

<https://www.linkedin.com/company/voith-robotics>

YouTube

<https://www.youtube.com/VoithGroup>

Instagram

<https://www.instagram.com/voithgroup/>