

## Media Release

Voith Hydro  
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### Fitted with Voith generating units, the Tamboril small hydro-power plant enters service in the Brazilian state of Goiás

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- Voith Hydro supplied the electromechanical equipment (two upstream Kaplan-S turbines, generators, and associated equipment) for both generating units of the Tamboril small hydroelectric plant
- Output of Tamboril stands at 15.8 MW
- The project is the first hydropower plant built by Tradener in Brazil

**SÃO PAULO, BRAZIL.** Tradener has just commissioned the small hydro-power plant Tamboril, located on the São Bartolomeu River in the Brazilian municipality of Cristalina (state of Goiás). The power plant represents a milestone as the company's first hydropower generation project.

Tamboril is fitted with two power generating units supplied by Voith Hydro, comprised of 7.9-MW Kaplan-S turbines, generators and associated systems. It will generate a total output of 15.8 MW – enough electricity to power more than 30,000 homes with clean, renewable energy.

“A leading supplier in the research, development and manufacture of complete solutions for hydropower plants, as well as a pioneer in the development of technologies such as Viktor Kaplan's turbine model used in this project, Voith has delivered thousands of Kaplan turbines worldwide. Among them is the world's most powerful Kaplan unit, with a rated output of 200 MW and a runner diameter of 10.5 meters, with which Voith has set a new record using this turbine type,” says Rodrigo Miranda, Regional Sales Manager at Voith Hydro Brazil. “However, our vision goes far beyond size. We believe in the country's hydropower potential and especially in harnessing all this potential. That's why we are continuously developing new solutions and consistently focusing on the small hydropower market,” he underscores.

Miranda stresses the importance of small hydropower plants for Brazil. Because they are built close to power consumption centers, they not only dispense with long transmission lines but also contribute to socio-economic development and increase the Brazilian Human Development Index (HDI) of the regions they serve.

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“Investing in small hydropower plants is tantamount to a commitment with the environment, because it is a clean and renewable power source. Voith is very proud to participate in this relevant project, but it is even more honored by the trust Tradener has demonstrated in selecting us to supply the next three small hydropower plants in this complex: São Bartolomeu, Gameleira and Salgado,” he concludes.

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### **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 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.



The Tamboril small hydropower plant recently commissioned in Goiás, Brazil, is equipped with two Voith generating units.

## Information to the press LVBA Comunicação – Voith Hydro

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