



## PRESS RELEASE

# Grandblue Bioenvironment Technology successfully starts up two ANDRITZ ADuro QZ shredders for kitchen waste treatment

*GRAZ, JULY 21, 2022.* Grandblue Bioenvironment Co., Ltd. has successfully started up two ANDRITZ ADuro QZ1600-BIO shredders at its mills in Jinjiang City, Fujian Province, and Xiaogan City, Hubei Province, China.

The two new ADuro QZ1600-BIO shredders process kitchen waste at a design capacity of 15 t/h each and pulp the organic fraction effectively by means of rotating chains. Non-organic material like plastics remains largely intact enabling optimum separation in subsequent process steps. The machines do not use any cutting tools, but gently and quickly break up the input material per impact forces. Compared to conventional cutting systems, the ADuro QZ offers significant advantages in terms of performance and wear.

Yang Rongmei, Technology Manager, Grandblue Bioenvironment Technology says: *"In 2016, we collaborated with ANDRITZ for the first time, as part of a pilot project for kitchen waste treatment. This was later followed by another successful project for our Zhangzhou mill. ANDRITZ equipment has shown excellent performance. Especially the gas formation is more efficient due to shorter fermentation times, resulting in an overall higher gas yield in the fermenter."*

Grandblue Bioenvironment will soon start up two more ADuro QZ1600-BIO shredders and equipment for compacting delivered by ANDRITZ for additional kitchen waste treatment plants in Hebei and Hubei provinces, China.

Grandblue Bioenvironment Technology Co., Ltd. is a wholly owned subsidiary of Grandblue Environment Co., Ltd., a listed company focusing on environmental industry. Grandblue Environment focuses on several business fields, including solid waste treatment, energy, and water supply, as well as drainage. The company operates 12 treatment plants for kitchen waste and animal manure with a total capacity of about 3,000 t/d.

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ENGINEERED SUCCESS





ADuro QZ1600BIO shredder for kitchen waste treatment

### **PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD**

Press release and photo are available for download at [andritz.com/news](https://andritz.com/news). The photo may be published free of charge if the source is stated: "Photo: ANDRITZ".

### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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### **ANDRITZ GROUP**

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems, services and digital solutions for a wide range of industries and end markets. ANDRITZ is a global market leader in all four of its business areas – Pulp & Paper, Metals, Hydro, and Separation. Technological leadership, global presence and sustainability are the cornerstones of the group's strategy, which is focused on long-term profitable growth. The publicly listed group has around 27,100 employees and over 280 locations in more than 40 countries.

### **ANDRITZ RECYCLING**

The ANDRITZ plant range offers recycling solutions for a wide variety of different applications: Electronic and electrical waste, refrigerators, cables and flexible wires, metals, end-of-life vehicle parts like oil filters, motor blocks and tires, household, industrial, organic and wood waste as well as rejects from the pulp and paper industry. The service offering includes system and machine modernization, rebuilds, spare and wear parts, on-site and workshop services, optimization of process performance, maintenance and automation solutions, as well as machine relocation and second-hand equipment.