

## PRESS RELEASE

### **Zeppelin Systems hacks something out at the Solids 2024 trade fair**

**Friedrichshafen, September 19, 2024.** The trade fair for granulate, powder and bulk solids technologies in Dortmund, Germany, has come up with something special this year to inspire the international audience: The 'Bulk Masters' hackathon will start on October 8 2024 - the new hands-on event at the trade fair duo Solids and Recycling-Technik and Zeppelin Systems has been nominated as a challenge donor in the 'Food goes Powder' category. The aim is to find an automated solution for the thorough and efficient cleaning of the Zeppelin Systems 'DymoMix' premixer, which is used in the food sector. Unusual solutions are expressly encouraged. **We Create Solutions!**

The 'Bulk Masters' hackathon brings people with different skills, strengths and perspectives together to solve problems and develop innovative solutions: Within just 48 hours before and during the trade fair, students, engineers, developers, designers and other interdisciplinary talents are tasked with solving real and relevant problems from the process industry. Global plant manufacturer Zeppelin Systems supports the inventive spirit of the creative minds and was happy to be a challenge sponsor for the first Solids Hackathon. 'As a global plant manufacturer, the hackathon is a wonderful opportunity for us to leave the beaten track and find new, innovative solutions. That's why we see it as a great opportunity to be a challenge provider here,' says Hans Schneider, Vice President Technology & Innovation at Zeppelin Systems GmbH. Markus Vöge, CEO of Zeppelin Systems GmbH, adds: 'Maximum creativity in the shortest possible time with high innovation potential - that is an unbeatable triad that we as a company did not want to miss out on and we are very excited about the results.'

#### **Wanted: Fresh perspectives, innovative approaches**

Under the motto 'Food goes Powder', the hackathon is looking for ground-breaking innovations to revolutionize the way food is produced. Zeppelin Systems is challenging the competing teams and individuals to find new solutions for the automated cleaning of the 'DymoMix'. The highly specialized machine for the wetting and intensive mixing of powdery dry ingredients with liquids is primarily used in the production of bread and baked goods. Despite its efficiency and effectiveness, there is one significant challenge: cleaning. In order to reduce the manual effort and cleaning time, an automated solution is therefore being sought that ensures compliance with the high hygiene standards of the food industry.

During the hackathon, Zeppelin Systems colleagues will provide the competing creative minds with background knowledge and support them in completing the challenge. Are the solutions developed interesting? Then they can be further developed together with the teams after the trade fair. There will also be various challenges as part of the hackathon under the motto 'Young Professionals' and in the spirit of promoting young talent.

The winning team that comes up with the best solution among all the challenges will receive €10,000 in prize money and the chance to play an active role in shaping the future. There will be equally attractive prize money for second and third place. There are still places available to apply for the hackathon!

Further information on the hackathon, the conditions of participation and the challenges can be found online at <https://www.solids-recycling-technik.de/bulk-masters/>. We look forward to many participants and groundbreaking innovations! We Create Solutions!

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## **About Zeppelin Plant Engineering**

Zeppelin Systems specializes in the design, construction, and technological upgrading of industrial plants for storing, conveying, mixing, dosing, and weighing high-quality bulk materials and raw materials. With around 1,900 employees worldwide, Zeppelin Systems provides daily solutions for customers in the plastics, chemicals, rubber, and tire industries. Customers in the food industry also value Zeppelin Systems' many years of technological know-how and experience in delivering turnkey solutions. From plant planning and project implementation to after-sales service including process optimization – Zeppelin Systems is an integrated solutions provider, delivering complete solutions from a single source. Every Zeppelin plant is characterized by tailored features to meet specific customer requirements, smart automation solutions, and comprehensive service. We refer to this as the embodiment of engineering art, and we apply it to the entire life cycle of a system. With roots in Germany and global operations at more than 20 sites around the world, Zeppelin Systems makes industrial-scale testing available to its customers, thereby facilitating the assessment and sustainable optimization of their plant design. Zeppelin Systems also develops and manufactures mechanical and plant engineering components that can be seamlessly integrated into third-party systems. We Create Solutions for our customers every day. For more information, visit [www.zeppelin-systems.com](http://www.zeppelin-systems.com).

## **About the Zeppelin Group**

The Zeppelin Group offers solutions in the construction industry, drive and energy systems, engineering and plant engineering. The Group provides customers with expertise in a number of areas, from the distribution and service of construction, mining, forestry and agricultural machinery, through rental and project solutions for the construction sector and industry as a whole, to drive and energy systems as well as engineering and plant engineering and enhances its offering with digital capabilities in all areas. Zeppelin is active worldwide in 26 countries. In the 2023 financial year, the Group workforce comprised over 10,000 employees and generated sales of EUR 3.9 billion. The Group organizes its activities into five strategic business units (Construction Equipment Germany & Austria, Construction Equipment International, Rental, Power Systems, and Plant Engineering) and the Zeppelin Group IT Services. Zeppelin GmbH is the Group holding company. It is legally domiciled in Friedrichshafen and has its head office in Garching near Munich. The

Zeppelin Group is a foundation-owned company. Its roots can be traced back to the establishment of the Zeppelin Foundation by Graf Ferdinand von Zeppelin in 1908. For more information, visit [zeppelin.com](http://zeppelin.com).

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