

PRESS RELEASE

Zeppelin Systems and ReOil build a first-class tire recycling plant in Poland

Friedrichshafen, October 26, 2023. Zeppelin Systems has been a reliable plant engineering partner for the rubber and tire industry for decades. On the path to a sustainable future for plant engineering, the company launched the Zeppelin Sustainable Tire Alliance in March 2023 to cooperate with international partners on shaping the future of tire production and tire recycling in a more environmentally friendly manner. One of the members of this technology alliance is the Polish company ReOil, which built Europe's largest pyrolysis plant for the recycling of old tires in 2015. Since then, ReOil has recycled around 20,000 tons of old tires annually. Zeppelin Systems was awarded the engineering contract for the construction of a second ReOil pyrolysis plant. Construction is scheduled to start in February 2024. After completion of the gigantic plant, around 60,000 tons of old tires are to be returned to the sustainable circular economy every year. We Create Solutions!

ReOil, Europe's largest pyrolysis plant operator, works in the field of raw material recycling. The company uses continuous pyrolysis to break down rubber from old tires into substance such as gas, oil and recovered Carbon Black (rCB). The recycled materials obtained are reused, for example, in the manufacture of textiles, new tires, rubber components, plastics, steel or aviation fuel. After commissioning in 2015 and initial test runs, ReOil recycled around 70,000 tons of old tires since 2020 to date. Since 2020, the plant has been operating in a process-stable and profitable manner. With the construction of the new pyrolysis plant, the company has tripled its annual recycling capacity to around 60,000 tons per year. A first-class plant covering an area of around 27 acres, brought to life by technology and engineering solutions from Zeppelin Systems!

Zeppelin Systems already supplied the basic engineering for the new plant in 2019, and the company has now been rewarded with the completion contract due to the high level of customer satisfaction. As the main responsible engineering partner, Zeppelin Systems delivers turnkey solutions all from one source: from plant technology to process engineering and final plant planning. "A flagship project for Zeppelin Systems with a signaling effect. Only a few companies can implement such complex and extensive projects virtually anywhere in the world," says Dr. Markus Vöge, CEO of Zeppelin Systems GmbH, adding: "The aim is to offer process solutions in the future that can be provided as part of license models. For example, the *ELT pyrolysis plant* as a turnkey product from Zeppelin Systems." Guido Veit, Vice President Sales, Plastic and Rubber at Zeppelin Systems GmbH, adds: "ReOil's engineering contract is the first project as part of the Zeppelin Sustainable Tire Alliance. This makes us proud and demonstrates the strength of the alliance. In addition, we will continue to work hard to bring additional processes to technological maturity and strengthen the network in terms of the circular economy."

ReOil Managing Director Paweł Mikuśkiewicz is also delighted with the very successful partnership between Zeppelin Systems and ReOil: "We knew that this major project could only be planned and built with the help of an experienced and internationally active plant engineering partner. That's why

we chose Zeppelin Systems, and we really appreciate our long-standing, trusting business relationship." 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 1,700 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 one source. Every Zeppelin plant is characterized by customized 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. We Create Solutions! For more information, visit 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 represented at more than 340 sites in 26 countries and regions worldwide. In the 2022 financial year, the Group workforce comprised over 10,000 employees and generated sales of EUR 3.8 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 Strategic Management Center for Group IT Services. Zeppelin GmbH is the Group holding company. It is legally domiciled in Friedrichshafen and has its head office in Garching bei München. 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.

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