



Press release



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## **Nexam in a recycling project with Chalmers University of Technology**

### **- Should facilitate the growth of the circular plastic industry**

**Nasdaq First North-listed Nexam Chemical - which invents, develops, produces and sells additives for the plastics industry worldwide, together with Chalmers University of Technology, has been granted a grant from the Wallenberg Initiative Material Science for Sustainability (WISE), for an industrial PhD student. The grant is approximately SEK 2.5 million over a four-year period.**

The project focuses on the polymer chemistry of recycled polymers and the goal is to increase the value of recycled materials by enabling a more high-quality use. It is needed both to meet consumers' increased demands for durable and good products and society's high goals regarding the proportion of plastic that must be reused.

"The project is an important step for us as we continue to develop Reactive Recycling in collaboration with excellence at Chalmers. The project will help us become even better at understanding the technical challenges that exist with the recycled plastic and refine our products so that more people can produce new products from recycled plastic," says Christer Svanberg, Chief Technology Officer at Nexam Chemical and continues:

"We are proud to have this prestigious project in strong national competition and welcome the collaboration with Chalmers."

The project will be conducted in collaboration with Christian Muller, professor at Chemistry and Chemical Engineering, and Giada Lo Re, assistant professor at Industrial and Materials Science, at Chalmers University of Technology. Doctoral student Amin Keivanshokouh, who currently works with technical development at Nexam's innovation center, will divide his time between Nexam and Chalmers University of Technology.

"To facilitate the growth of a truly circular plastics industry, research training and the development of new technology for polymer recycling must go hand in hand. I am excited about the opportunity to combine both, and I look forward to working closely with Nexam Chemical," says Christian Müller, Professor Polymer Science.

#### **For more information, please contact:**

Ronnie Törnqvist, VD, +46-706 25 41 85, [ronnie.tornqvist@nexamchemical.com](mailto:ronnie.tornqvist@nexamchemical.com)

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#### **About Nexam Chemical**

*Nexam Chemical develops technology and products that make it possible to significantly improve the production process and properties of most types of plastics in a cost-effective manner and with retained production technology. The improved properties include strength, toughness, temperature and chemical resistance as well as service life. The improvements in properties that can be achieved by using Nexam Chemical's technology make it possible to replace metals and other heavier or more expensive materials with plastics in a number of applications. In applications where plastic is already used, Nexam Chemicals products can improve the manufacturing process, reducing material use and enable more environmental friendly alternatives. Example of commercial applications: pipe manufacturing, foam production and high-performance plastics. More information about the business will be found on [www.nexamchemical.com](http://www.nexamchemical.com). The company's Certified Adviser is FNCA Sweden AB. FNCA Sweden AB can be reached at [info@fnca.se](mailto:info@fnca.se) or by phone +46-8 528 00 399.*