

CMBlu and Schaeffler Develop Renewable Storage Technology Based on Organic Resources



CMBlu Projekt AG and Schaeffler AG & Co. KG will work together in the future on the industrialization and development of the novel renewable storage technology "Organic Flow". In recent years, one of the leading companies in the field of organic flow batteries, CMBlu, together with research groups from German universities has developed a prototype that uses organic molecules from Lignin for the storage of energy. The technology behind it is based on the principle of conventional redox flow batteries, which store electrical energy in chemical compounds. The lignin acts as a storage medium in the organic flow. As Lignin is permanently available as a waste product in the paper industry, it is a high capacity resource with that is also independent of imports.

"We are very pleased that we can participate with our expertise in the field of coating technology and mass production in the highly interesting future field of stationary energy storage of CMBlu. With this cooperation, Schaeffler establishes itself in another innovative field of technology. The planned large-scale storage systems fit perfectly into our "Mobility for Tomorrow" strategy, in which we are considering the entire energy chain and offering solutions," says Prof. Dr.-Ing. Peter Gutzmer, Deputy CEO and CTO of Schaeffler.

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