

## MM Kotkamills and Boliden work together for innovative closed-loop chemical recycling

Recently Boliden began supplying MM Kotkamills with low-carbon sulphuric acid. This showcases how MM Group strategically partners with companies committed to circular-economy principles in an effort to use raw materials more efficiently. By using sulphuric acid with a lower carbon footprint, MM Group contributes to lowering the carbon footprint of the downstream value chain, while accelerating towards its own scope 3 emissions targets.

“Sustainability and responsibility are in our MM Group DNA, and we expect similar core values from our partners. It is exactly this kind of partnership that MM Kotkamills wants to have. Building a more sustainable operating culture is always based on collaboration,” says **Marko Pekkola**, Managing Director of MM Kotkamills.

Sulphuric Acid ( $\text{H}_2\text{SO}_4$ ) is one of the important chemicals in the paper & pulp industry. MM Kotkamills' world-leading Absorbex® Saturating Kraft Paper is produced from softwood sawdust, and sulphuric acid is used to adjust the pH and regulate the sulfur balance in the chemical cycle. At MM Kotkamills, the pulp is converted into saturating kraft paper, which forms the core of high-pressure laminates, storing carbon for decades.

Boliden's Low-Carbon Sulphuric Acid is produced from the same raw materials used to produce metals using a green energy mix, making it highly resource- and CO<sub>2</sub>- efficient. This makes it a preferred option to most sulphuric acid produced globally, which mainly relies on raw materials from oil refining.

“Our Low-Carbon Sulphuric Acid really shows our strong commitment to sustainability. The product has a minimal carbon footprint, measuring less than 25 kg of CO<sub>2</sub> eq per ton—well below the EU average. With a cradle-to-gate approach we basically offer a substantial CO<sub>2</sub> reduction for our customers”, states **Janne Lovén**, Manager Sales, Sulphur Products, at Boliden.



MM Group, the parent company of MM Kotkamills, is committed to environmental sustainability, climate protection initiatives, and the responsible innovative use of raw materials and resources to help preserve natural habitats for this and future generations.

The partnership between MM Kotkamills and Boliden promotes cooperation for circular innovation and contributes to MM Group's sustainability targets of reducing absolute greenhouse gas emissions by 50.4% by 2031 (base year 2019) and recovering 99% of process residues by 2030.

Both companies are committed to reaching net-zero greenhouse gas emissions by 2050. The cooperation to work together towards closed-loop chemical recycling and improved environmental performance continues.