

ICAC MEMBER SPOTLIGHT

Highlighting ICAC member technologies, markets, and mission



Mississippi Lime Company

ICAC is comprised of member companies from every corner of the air pollution control industry. Our new Member Spotlight series features various ICAC members and their technologies. In this issue, we are turning the spotlight on [Mississippi Lime Company](#), a leading global **supplier of high-calcium lime products and technical solutions**.

WHO THEY ARE

Founded in 1907, Mississippi Lime Company (MLC) is a supplier of high-calcium lime products and technical solutions that enable important environmental applications. Headquartered in St. Louis, MO, this 116-year-old industry veteran has eleven production facilities and six distribution terminals across the U.S. and UK.

WHAT THEY DO

MLC supplies high-calcium lime, which is an essential mineral, to industries from manufacturing to consumables. It is also used in environmental applications, such as drinking water purification, industrial wastewater treatment, sludge treatment and sanitation, and industrial point source acid gas emission mitigation from incinerators, waste-to-energy plants, power plants, chemical manufacturing plants, and other industrial facilities. Calcium-based reagents effectively remove many common harmful emissions, such as sulfur dioxide, sulfur trioxide, and hydrogen chloride.

Between the purifying effects of lime and the preventive uses of calcium-based technology, MLC protects human health and the environment in almost every step of emissions generated from various industries, including municipal utilities and steel and plastics manufacturing.

More About Mississippi Lime Company's Technology

- MLC provides **effective emissions treatment solutions** that improve air quality through specialized technologies that mitigate hazardous acid-gas air pollutants.
- MLC also offers practical solutions to minimize the economic impact by maximizing the performance of its products which helps their customers to **improve the quality of air emissions and mitigate pollutants**.
- MLC's active environmental projects for greener production include **sustainable kiln technologies** and flexible, bio-based, or other **alternative fuels**.

FAST FACTS

- Founded in **1907**
- MLC operates **11 production facilities** and **6 distribution terminals** in the U.S. and UK
- Provides **high-calcium lime materials** and emissions reductions solutions
- **ESG** is a crucial component of MLC's operations

ICAC's MLC Participation



Carbon Emissions Management Division



Domestic Conventional Pollutants Division



A Century of Business: New Milestones for Growth in 2022

- Last year, **MLC completed two acquisitions and expanded its operations to the United Kingdom**. MLC has been long recognized as one of the largest, oldest lime producers in the Americas. With its recent acquisition of Singleton Birch, they have successfully extended its footprint and American legacy to the UK.
- In 2022, **MLC forged ahead in their environmental, social, and corporate governance (ESG)** targets as they established a leadership role for ESG, hired their first Director of ESG and Sustainability, and completed a materiality study, which will be the basis for new ESG baselines and commitments.
- MLC implemented improvements recommended following a **safety culture assessment** by DuPont Sustainability Solutions.
- In partnership with Origen, [featured in another ICAC Member Spotlight](#), in the U.S. and UK, MLC is dedicated to developing greener and more sustainable lime kiln technologies that reduce the carbon footprint associated with lime production.

THE FUTURE

Mississippi Lime has deep roots in the lime industry and is committed to reducing harmful emissions to ensure safety, sustainability, and service by implementing effective solutions that translate to meaningful impacts on air quality. With a successful 2022, MLC continues to position environmental applications of lime as a crucial component of its business, innovation, and growth strategy. MLC is interested in innovation and development in the carbon capture, use, and storage (CCS) segment in the upcoming years. MLC is also exploring decarbonization throughout its entire operation, including in non-stationary sources, such as evaluating electrifying its fleet and switching to the rail where possible.

THE FUTURE

MLC is ready to embark on new milestones in incorporating ESG initiatives and low-carbon solutions into their operations, beginning with a comprehensive greenhouse gas inventory and product lifecycle assessment this year.

To learn more about MLC's products and to see the latest news and events, visit mississippilime.com.

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