



In the Limelight is NLA's way of highlighting NLA's lime-producing members and Associate Members on a rotating basis.

In the Limelight with MLC

For this edition of "In the Limelight", we are featuring our member, MLC (formerly Mississippi Lime).



MLC has been a trusted partner for enhanced lime solutions for over a century. The company built its reputation through the highest level of quality and customer support and an unparalleled commitment to safety, service, and performance. MLC has a diversified, reliable network of production and distribution facilities in the US and UK ensures that critical industries can rely on lime solutions when

and where they're needed. Backed by the strength of HBM Holdings, MLC combines the personal attention of a specialized partner with the resources of an industry leader.

With about 1,300 employees, MLC spans the country, with production operations in AL, FL, IL, KS, KY, MS, MO, SC, TX, and WV, as well as distribution terminals. Their portfolio includes calcium carbonate, quicklime, hydrated lime, liquid calcium hydroxide (LCH), and dolomitic lime. These products are offered in varying grades to meet the needs of specific industries, including specialty offerings for flue gas, chemicals, food, polymers, and water treatment. MLC also provides customers with trucking, portable and fixed equipment solutions, engineering and technical applications support, testing, trials, process optimization, and training.



MLC has launched sustainability initiatives to meet specific targets for people, planet, and business, with a theme of "Reliable Quality, Responsibly," with technology available today.



To reduce climate impact, the company has invested heavily in fuel flexibility and kiln efficiency. From 2022 to 2024, these efforts reduced total air pollutants by 12%, energy consumption by 14%, and CO₂ emissions by 4%. MLC now has 20 transload-enabled production and packaging sites, allowing material to move long distances by rail or barge, with trucks used only for final delivery;

transloading has reduced trucking-related emissions by about 20,000 MT of CO₂e in 2024 compared to the 2022 baseline, while also improving delivery reliability. The company is nearing completion of a next-generation dolomitic lime kiln in Bonne Terre, MO, leveraging the latest innovations in technology and infrastructure that will improve safety, product consistency, and environmental performance, including cleaner-burning fuel and improved dust controls.

MLC is also investing in evaluating innovations that will be critical to achieve carbon neutrality. At its site in the United Kingdom (UK), MLC has launched pilot projects where funding for this work is more available. Because about 70% of Scope 1 CO₂ emissions from lime production come from calcination, MLC is partnering with Nuada to pilot new carbon-capture technology. To further address the remaining emissions from fuel combustion, MLC was shortlisted by the UK HAR2 program for a hydrogen plant and is evaluating the project with Centrica. The site also operates three anaerobic digesters that use agricultural waste to generate energy equal to about 99.9 percent of the site's consumption, delivered to the local grid.

On top of investing in decarbonization and process technology, MLC conducts significant work related to responsible land and water management. At its Ste. Genevieve site, the company partners with the World Bird Sanctuary to conduct annual nest box studies that monitor native bird populations on the production site. MLC also manages a large amount of land above its mine, including about 2,500 acres leased to local farmers. Lease agreements require sustainable farming practices. Another 3,000 acres of property are maintained as native habitat. MLC extended its sustainability efforts across its supply network by completing the Business for Social Responsibility (BSR) human rights supply chain risk assessment.



To protect and engage people, MLC continues to advance health and safety through a combination of audits, training, and certification. In late 2025, the company completed a

DSS+ audit to identify opportunities for proactive safety improvements, focusing on processes, technology, team collaboration, individual responsibility, and training, building on a previous survey from 2022. MLC's mine rescue teams go beyond regulatory requirements, completing first responder certification, supporting regional competitions, celebrating MSHA hall of fame recognition, and adopting PPE innovations such as the Dräger Pro-Air breathing apparatuses. In addition, MLC is pursuing ISO 45001 certification at its Ste. Genevieve site to ensure its safety management system meets global standards, complementing existing certification at its UK operations.

If you would like to read more about MLC's host of sustainability and health and safety initiatives, please visit their [website](#) or read their [annual sustainability report](#). You can also keep up with MLC on [LinkedIn](#).

To read the last edition of "In the Limelight" with ClimeCo, please click [here](#). To view all past editions, click [here](#).