

News Release

Your Contact

karen.tiano@milliporesigma.com

Phone: +1 978 495 0093

July 30, 2020

MilliporeSigma's DOZN™ Green Chemistry Tool Named Top Project of the Year by *Environment + Energy Leader*

- **The DOZN™ system, an industry-first quantitative green chemistry evaluation tool, honored by industry publication**
- **Web-based tool allows users to calculate the green scores of their processes and products so they can increase their sustainability**

Burlington, Massachusetts, July 30, 2020 – [MilliporeSigma](#) today announced that it won a Top Project of the Year award from [Environment + Energy Leader](#) for the company's [DOZN™ system](#), a quantitative tool that evaluates the relative greenness of chemicals and chemical processes against the [12 Principles of Green Chemistry](#).

"MilliporeSigma's DOZN™ system is enabling the global scientific community to make data-driven decisions to increase the environmental sustainability of the sector," said Jeffrey Whitford, head of sustainability and social business innovation and branding at MilliporeSigma. "This recognition further confirms the importance of quantitative tools that make data actionable."

The *Environment + Energy Leader Awards* celebrates excellence in environmental, sustainability and energy management. The win is an indication that the program's judges consider MilliporeSigma's DOZN™ tool a top example of the exemplary work being done in the environmental management field.

MilliporeSigma's DOZN™ system has more than 300 active, registered users representing some of the most prestigious names in the academic world,



News Release

government institutions and business-to-consumer companies. The tool has been cited in 17 papers since its May 2019 launch.

Chemists and scientists look for sustainable options in the lab, such as recycling gloves and using greener packaging. However, they may not think about the impact of green chemistry and often face the challenge of evaluating the sustainability of a chemical or process. MilliporeSigma's DOZN™ tool provides a consistent and reliable framework for measuring the greenness of chemicals and processes. It also raises awareness for scientists and communicates the environmental improvements for products labelled as greener alternatives. Products receive an aggregate score based on a scale of zero to 100, with zero being the most desired.

The DOZN™ system instructs customers how to calculate scores for products that the company does not offer and allows customers to carry out meaningful research while positively contributing to their own environmental impact goals.

MilliporeSigma plans to expand the applications of the tool, including the implementation into curricula at academic institutions to further increase the adoption of quantitative metrics in green chemistry.

Follow MilliporeSigma on [Twitter](#) @MilliporeSigma, on [Facebook](#) @MilliporeSigma and on [LinkedIn](#).

All Merck KGaA, Darmstadt, Germany news releases are distributed by email at the same time they become available on the EMD Group website. In case you are a resident of the U.S. or Canada please go to www.emdgroup.com/subscribe to register again for your online subscription of this service as our newly introduced geo-targeting requires new links in the email. You may later change your selection or discontinue this service.

About the Environment + Energy Leader Awards

For nearly a decade, the Environment + Energy Leader Awards have celebrated excellence in the world of environmental, sustainability and energy management. Award winners are truly buzz-worthy, and companies that sport a Top Project or Top Product of the Year Award badge are known to be the best of the best. When other companies are seeking a sustainability or energy management solution, they know that E+E Product of the Year Award winners offer a significant group of products, vetted by experts, to peruse for help in making their decisions. Project of the Year Award winners are known to illustrate how sustainability and energy management projects can successfully help other companies improve the bottom line.

About the Life Science business of Merck KGaA, Darmstadt, Germany

The Life Science business of Merck KGaA, Darmstadt, Germany, which operates as MilliporeSigma in the U.S. and Canada, has some 22,000 employees and 59 manufacturing sites worldwide, with a portfolio of more than 300,000 products focused on scientific discovery, biomanufacturing and testing services.

Merck KGaA, Darmstadt, Germany completed its \$17 billion acquisition of [Sigma-Aldrich](#) in November 2015, creating a leader in the \$125 billion global life science industry.

Merck KGaA, Darmstadt, Germany, a leading science and technology company, operates across healthcare, life science and performance materials. Around 57,000 employees work to make a positive



News Release

difference to millions of people's lives every day by creating more joyful and sustainable ways to live. From advancing gene-editing technologies and discovering unique ways to treat the most challenging diseases to enabling the intelligence of devices – the company is everywhere. In 2019, Merck KGaA, Darmstadt, Germany generated sales of €16.2 billion in 66 countries.

The company holds the global rights to the name and trademark "Merck" internationally. The only exceptions are the United States and Canada, where the business sectors of Merck KGaA, Darmstadt, Germany operate as EMD Serono in healthcare, MilliporeSigma in life science, and EMD Performance Materials. Since its founding 1668, scientific exploration and responsible entrepreneurship have been key to the company's technological and scientific advances. To this day, the founding family remains the majority owner of the publicly listed company. For more information about Merck, KGaA, Darmstadt, Germany, visit www.emdgroup.com.