

Sustainability News

March 8, 2022

Celanese Announces Greenhouse Gas Emissions 2030 Reduction Target

Climate change is one of the most pressing societal issues of our time, and Celanese has made it a priority to improve and analyze our greenhouse gas (GHG) emissions database, evaluate a meaningful reduction target, and develop a GHG abatement strategy. From 2013 through 2019, we achieved a 30% reduction in Scope 1 and Scope 2 GHG emissions intensity. Today, we are proud to extend our 2030 environmental goals to include a further 30% reduction in GHG emissions. The intensity target is based on production from a 2021 baseline for current Celanese owned or operated assets. Learn more about our progress in our [2020-2021 Sustainability Report](#).

2030 TARGETS* <small>*From a 2021 baseline</small>	30% SCOPE 1 & 2 GHG EMISSIONS INTENSITY REDUCTION	10% TOTAL NET ENERGY INTENSITY REDUCTION	10% WATER CONSUMPTION INTENSITY REDUCTION	15% TOTAL WASTE DISPOSAL INTENSITY REDUCTION
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“Celanese is committed to improving the world and well-positioned to develop solutions that reduce greenhouse gas emissions. This includes reducing emissions within our own operations,” said Lori Ryerkerk, chairman, chief executive officer and president. “We also focus on improving the sustainability of our existing products, as well as expanding our portfolio of sustainable solutions.”

As we work to reduce our carbon impact, we are expanding our portfolio of sustainable solutions to help our customers meet their sustainability objectives. Supporting this and our broader growth strategy, we have set intensity-based targets to better reflect the effects of future organic and inorganic opportunities through M&A. In 2020, we enhanced our environmental analytics to drive important decision making in areas such as climate, energy, waste, and water. As a result, we have a GHG reduction target with a clear transition path focused on capital investment projects and the increased use of renewable energy to help us achieve this goal. Key projects at the world’s largest acetic acid plant, our Clear Lake, Texas facility include:

- [Carbon capture](#) and utilization of waste carbon dioxide (CO2) to produce additional methanol with lower overall CO2 emissions;
- [Solar power](#) energy commitment to supply ~33% of the annual electricity consumption; and
- Acetic acid expansion to maximize raw material efficiencies and establish the ability to further reduce utility steam requirements.

Another priority in our commitment to climate initiatives and continued reduction of GHG emissions is to better understand our Scope 3 emissions sources to develop a roadmap to identify, quantify and reduce Scope 3 emissions.

Celanese’s targets and baselines are based on current assets and operations and may be adjusted from time to time to reflect material changes to the business, including acquisitions and dispositions.