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# Danimer Scientific and Chevron Phillips Chemical Collaborate to Develop Technology for Lower-Cost Biodegradable Polymer Manufacturing

*Implementation of technology that transformed polyolefin production expected to drive higher-volume Rinnovo™ production at lower overall costs*

BAINBRIDGE, Ga.--(BUSINESS WIRE)-- Danimer Scientific, Inc. (NYSE: DNMR) (“Danimer” or the “Company”), a leading next generation bioplastics company focused on the development and production of biodegradable materials, today announced it is collaborating with Chevron Phillips Chemical (“CPChem”) to explore a loop slurry reactor design for the manufacture of Rinnovo™. Rinnovo™ is a type of polyhydroxyalkanoate (“PHA”) synthesized from lactones produced using Danimer’s proprietary Novo22™ catalyst technology that can be used in the production of biodegradable alternatives to traditional plastics.

Through this collaboration, Danimer will evaluate the use of CPChem’s loop slurry reactor design to develop a continuous reactor system in the manufacturing process for Rinnovo™. If successful, this reactor design is expected to increase utilization of future manufacturing plants, drive higher production volumes and lower overall costs, as compared to the polymerization reactor design currently used in the production of Rinnovo™.

Stephen E. Croskrey, Chief Executive Officer of Danimer, said, “CPChem’s loop slurry technology is one of the world’s most renowned processes for producing polyolefins efficiently and economically. This collaboration enhances our strategy of accelerating the production of our biodegradable polymers to better serve our customers and reduce the environmental impacts of plastic waste.”

First introduced in 1961, CPChem’s loop slurry processes produce a wide range of resins for a variety of applications. Today, the technology, through CPChem and its licensees, accounts for a significant portion of high-density polyethylene production worldwide. Jim Telljohann, Senior Vice President, Research & Technology of CPChem noted that, “This collaboration with Danimer is illustrative of CPChem’s commitment to advance programs in support of our product sustainability, circularity and climate efforts.”

Jeff Uhrig, General Manager and President of Danimer Scientific Catalytic Processes, said,

“As the proven industry standard of efficient, reliable polyethylene production for 60 years, CPChem’s loop slurry design is believed to be well suited to provide similar benefits for the production of Rinnovo™.”

For more information on Danimer Scientific, visit [www.DanimerScientific.com](http://www.DanimerScientific.com).

### **About Danimer Scientific**

Danimer is a pioneer in creating more sustainable, more natural ways to make plastic products. For more than a decade, its renewable and sustainable biopolymers have helped create plastic products that are biodegradable and compostable and return to nature instead of polluting our lands and waters. Danimer’s technology can be found in a vast array of plastic end products that people use every day. Applications for its biopolymers include additives, aqueous coatings, fibers, filaments, films and injection-molded articles, among others. After the acquisition of Novomer, Danimer now holds more than 390 granted patents and pending patent applications in more than 20 countries for a range of manufacturing processes and biopolymer formulations. For more information, visit [www.DanimerScientific.com](http://www.DanimerScientific.com).

### **Forward-Looking Statements**

Please note that in this press release we may use words such as “appears,” “anticipates,” “believes,” “plans,” “expects,” “intends,” “future,” and similar expressions which constitute forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are made based on our expectations and beliefs concerning future events impacting the Company and therefore involve a number of risks and uncertainties. We caution that forward-looking statements are not guarantees and that actual results could differ materially from those expressed or implied in the forward-looking statements. Potential risks and uncertainties that could cause the actual results of operations or financial condition of the Company to differ materially from those expressed or implied by forward-looking statements in this release include, but are not limited to, the overall level of consumer demand on our products; general economic conditions and other factors affecting consumer confidence, preferences, and behavior; disruption and volatility in the global currency, capital, and credit markets; the financial strength of the Company's customers; the Company's ability to implement its business strategy, including, but not limited to, its ability to expand its production facilities and plants to meet customer demand for its products and the timing thereof; risks relating to the uncertainty of the projected financial information with respect to the Company; the ability of the Company to execute and integrate acquisitions; changes in governmental regulation, legislation or public opinion relating to our products; the Company’s exposure to product liability or product warranty claims and other loss contingencies; disruptions and other impacts to the Company’s business, as a result of the COVID-19 global pandemic and government actions and restrictive measures implemented in response; stability of the Company’s manufacturing facilities and suppliers, as well as consumer demand for our products, in light of disease epidemics and health-related concerns such as the COVID-19 global pandemic; the impact that global climate change trends may have on the Company and its suppliers and customers; the Company's ability to protect patents, trademarks and other intellectual property rights; any breaches of, or interruptions in, our information systems; the ability of our information technology systems or information security systems to operate effectively, including as a result of security breaches, viruses, hackers, malware,

natural disasters, vendor business interruptions or other causes; our ability to properly maintain, protect, repair or upgrade our information technology systems or information security systems, or problems with our transitioning to upgraded or replacement systems; the impact of adverse publicity about the Company and/or its brands, including without limitation, through social media or in connection with brand damaging events and/or public perception; fluctuations in the price, availability and quality of raw materials and contracted products as well as foreign currency fluctuations; our ability to utilize potential net operating loss carryforwards; and changes in tax laws and liabilities, tariffs, legal, regulatory, political and economic risks. More information on potential factors that could affect the Company's financial results is included from time to time in the Company's public reports filed with the Securities and Exchange Commission, including the Company's Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K. All forward-looking statements included in this press release are based upon information available to the Company as of the date of this press release, and speak only as of the date hereof. We assume no obligation to update any forward-looking statements to reflect events or circumstances after the date of this press release.

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