News Release

BorgWarner Collaborates with Michigan Technological University on Connected Vehicle Project Funded by U.S. Department of Energy

- *Joint effort will focus on energy optimization via a meshed vehicle-to-vehicle and vehicle-to-infrastructure connectivity network*
- *MTU received $1.99 million from the Department of Energy to fund the project*
- *BorgWarner is bringing extensive propulsion expertise to the 27-month collaboration*

Auburn Hills, Michigan, October 22, 2020 – BorgWarner is partnering with Michigan Technological University (MTU), and four other industry organizations, on a project aimed at reducing energy consumption through the expansion of meshed vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) communication, using a combination of simulated, closed-track and real-world fleet testing. The project will use multiple vehicle types – ranging from light- to heavy-duty – powered by different propulsion systems with varied levels of connectivity and driving automation to develop, assess and demonstrate energy optimization opportunities through connected intersections, arterial corridors and highways.

Slated to kick off in October, the 27-month project was awarded $1.99 million in funding by the U.S. Department of Energy (DOE)'s Office of Energy Efficiency and Renewable Energy. It is one of 55 projects that recently was awarded federal funding in support of DOE's Energy Storage Grand Challenge, a strategy to position the U.S. as a global leader in energy storage technology, utilization and exports.

"We have collaborated successfully with Michigan Tech in various capacities throughout the years and believe this joint effort will have a significant impact on energy optimization in the future," said Frédéric Lissalde, President and CEO, BorgWarner Inc. "As a global leader in propulsion systems, we are looking forward to utilizing our engineering expertise to test, simulate and analyze how we can use connectivity to impact our various propulsion systems in order to help the industry achieve substantial efficiency improvements."

To support the project, BorgWarner plans to work on propulsion system modeling for vehicles and significant development of the control system architecture to support analysis work for energy reduction. While much of the project will be done remotely, BorgWarner expects to also assist with vehicle testing and demonstrations at the American Center for Mobility in Ypsilanti, Michigan. The project gives BorgWarner the opportunity to target efficiency improvements to its transmission and engine sub-system components via connectivity enhancement.

“Being able to leverage BorgWarner’s propulsion know-how is critical to the success of this project,” , Darrell Robinette, Assistant Professor, Michigan Technological University. “We couldn’t be more pleased with the team we’ve built and are excited to further strengthen our relationships with BorgWarner and our other participating partners.”

In addition to BorgWarner and MTU, Traffic Technology Services, American Center for Mobility, AVL Powertrain Engineering Inc. and Navistar will participate in the project.

About BorgWarner

BorgWarner Inc. (NYSE: BWA) is a global product leader in clean and efficient technology solutions for combustion, hybrid and electric vehicles. Building on its original equipment expertise, BorgWarner also brings market leading product and service solutions to the global aftermarket. With manufacturing and technical facilities in 99 locations in 24 countries, the company employs approximately 48,000 worldwide. For more information, please visit borgwarner.com.

Statements in this presentation may constitute forward-looking statements as contemplated by the 1995 Private Securities Litigation Reform Act that are based on management’s current outlook, expectations, estimates and projections. Words such as “anticipates,” “believes,” “continues,” “could,” “designed,” “effect,” “estimates,” “evaluates,” “expects,” “forecasts,” “goal,” “guidance,” “initiative,” “intends,” “may,” “outlook,” “plans,” “potential,” “predicts,” “project,” “pursue,” “seek,” “should,” “target,” “when,” “will,” “would,” and variations of such words and similar expressions are intended to identify such forward-looking statements. Forward-looking statements are not guarantees of performance, and the Company’s actual results may differ materially from those expressed, projected or implied in or by the forward-looking statements. These risks and uncertainties, among others, include: our dependence on automotive and truck production, both of which are highly cyclical; our reliance on major OEM customers; commodities availability and pricing; supply disruptions; fluctuations in interest rates and foreign currency exchange rates; availability of credit; our dependence on key management; our dependence on information systems; the uncertainty of the global economic environment; the outcome of existing or any future legal proceedings, including litigation with respect to various claims; future changes in laws and regulations, including, by way of example, tariffs, in the countries in which we operate; and other risks noted in reports that we file with the Securities and Exchange Commission, including Item 1A, “Risk Factors” in our most recently filed Annual Report on Form 10-K. We do not undertake any obligation to update or announce publicly any updates to or revisions to any of the forward-looking statements in this presentation to reflect any change in our expectations or any change in events, conditions, circumstances, or assumptions underlying the statements.

PR contact:
Michelle Collins
Phone: +1 248-754-0449
Email: mediacontact@borgwarner.com