

TM4 NOW PART OF DANA

Dana Inc. and Hydro-Québec are in a joint-venture partnership in which TM4 Inc., a subsidiary of Hydro-Québec, will become Dana's source for electric motors, power inverters and control systems. Dana will become a majority shareholder of TM4 in exchange for CA \$165 million (approximately US \$127 million). Hydro-Québec will maintain a 45% interest in TM4.

TM4 designs and manufactures motors, power inverters, and control systems for electric vehicles, offering a complementary portfolio to Dana's electric gearboxes and thermal-management technologies for batteries, motors and inverters. TM4 supports the commercial, automotive, marine, mining, rail, motorsports and recreational vehicle markets.

TM4 has a manufacturing facility in Boucherville, Québec, Canada, which Dana said will remain a centre of excellence, with TM4's current management team and employees remaining in



TM4 SUMO systems interface directly with standard rear differentials of medium- and heavy-duty vehicles.

place. The company was founded in 1998 by Hydro-Québec, Canada's largest electricity producer.

Jim Kamsickas, Dana president and ceo, said: "This joint venture brings together a world leader in mechanical power conveyance and thermal-management technology with an experienced manufacturer of electric motors and inverters to offer a broad range of hybrid and electric vehicle solutions for our customers across all three of our end markets."

Based in Maumee, Ohio, USA, Dana supports the passenger vehicle, commercial truck, and off-highway markets, as well as industrial and stationary equipment applications.

Dana said this transaction further strengthens its position in China, considered the world's fastest-growing market for electric vehicles. TM4 and Prestolite Electric Beijing Ltd. have a 50-50 joint venture in China that offers electric mobility solutions throughout the region.

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WHEEL LOADER OF THE FUTURE NOW IN STORES

Volvo Construction Equipment and Lego Group have joined creative forces with a team of children to design a futuristic, autonomous construction machine. The result is the Volvo Concept Wheel Loader Zeux set which will be available in stores from Lego Technic.



TRANSFLUID ACQUIRES BELLMARINE

To continue the expansion of its electric propulsion products, Transfluid acquired 100% of the shares in IDTechnology B.V. No financial details were provided.

IDTechnology develops and markets electric marine propulsion systems for pleasure boats and commercial vessels under the Bellmarine brand.

The company will continue to operate from The Netherlands and maintain a distinct brand identity, Transfluid said. Marien Schoonen, the founder of Bellmarine, will remain with the company and focus on sales and product development.

The move is expected to provide an array of solutions for electric and hybrid powertrains for the marine market, Transfluid said.

Headquartered in Gallarate, Italy, Transfluid has developed a range of hybrid and electric propulsion systems and production of the Tier G permanent magnet electric motor, targeted at marine propulsion and on- and off-road vehicle applications.