



The English version is an in house-translation. In case of any discrepancy, the Swedish text will prevail.

PowerCell and global construction equipment OEM to conduct joint fuel cell feasibility study

Gothenburg, Sweden, January 2, 2019

PowerCell Sweden AB (publ) has received an order for two MS-100 fuel cell systems from a global construction equipment manufacturer.

“The increasing demands for fossil free operations faces construction equipment manufacturers with the same challenges as the rest of the automotive industry, and for the really heavy equipment, electrification using fuel cells will be the most attractive alternative for addressing them”, Per Wassén, CEO of PowerCell said.

The research project includes PowerCell, a global construction equipment manufacturer and a government-backed research institute. The aim of the research is to build knowledge about construction equipment drive trains that have been electrified using fuel cells and hydrogen.

In general, today’s construction machines use diesel engines for propulsion and in doing so emit carbon dioxide, NOx and particulate matters, but climate and health related issues have spurred an interest in a transition away from fossil fuels. In several European cities stricter emission regulations are being prepared and the Norwegian capital Oslo has set a target to be fossil free by 2030, something that will require a wide-ranging electrification of construction equipment. An electrification using today’s battery technology is not commercially viable for the heaviest construction equipment.

“In certain sizes and types of heavy equipment, when it comes to running time and performance, the energy density of today’s batteries is not even close to meeting the demands”, Per Wassén, CEO of PowerCell said. “An electrification where you combine fuel cells and hydrogen will, however, result in a machine that can be fueled at approximately the same time as a traditional construction machine, that can operate just as long and with the same performance – and has water as its only emission.”

For further information, please contact:

Per Wassén

CEO, PowerCell Sweden AB (publ)

Phone: +46 (0) 31 720 36 20

Email: per.wassen@powercell.se

About PowerCell Sweden AB (publ)

PowerCell Sweden AB (publ) develops and produces fuel cell stacks and systems for stationary and mobile applications with a world class energy density. The fuel cells are powered by hydrogen, pure or reformed, and produce electricity and heat with no emissions other than water. As the stacks and systems are compact, modular and scalable, they are easily adjusted to any customer need.

[PowerCell](#) was founded in 2008 as an industrial spinout from the Volvo Group. The share (PCELL) is since 2014 subject to trade at Nasdaq First North Stockholm with G&W Fondkommission as Certified Adviser.