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NAWA TECHNOLOGIES NOMINATED AS FINALIST OF THE 2019 WORLD MATERIALS FORUM

- NAWATechnologies has been nominated as one of the 18 finalists of the World Materials Forum 2019 Start-up Challenge to be held in Nancy in June 2019 (France)
- NAWA is developing and industrializing the highest electrical and ionic conductive electrode so far for electricity strorage purposes. This electrode is based on functionalized Vertically Aligned Carbon Nanotubes, the fruit of 15 years of R&D at CEA (Commissariat à l'Energie Atomique et aux Energies Alternatives) and University of Cergy and of Tours
- The World Materials Forum is an international conference on all aspects of materials from mining to recycling, gathering the most prominent experts from academics, CEOs, NGOs and entrepreneurs, from the smallest and youngest to the biggest players in the world. For more info see: http://worldmaterialsforum.com
- For more information, see http://www.nawatechnologies.com

29 April 2019 - NAWATechnologies' Vertically Aligned Carbon Nanotubes (VACNT) is a unique multifunctional material that has outstanding electrical, thermal, optical, ionic and fluidic properties. VACNT opens the door to numerous usage possibilities from new battery technologies to highly efficient thermal interface materials to yarns or wires to name just a few applications.

NAWA has developed a patented and proprietary way of manufacturing the VACNT in a single step roll-to-roll CVD process at unprecedented throughput rates and low cost. NAWA can grow VACNT on a number of different substrates from aluminium to copper to carbon fibre composite structures, even on both sides, while also offering a wide range of integration processes such as Lithium active materials infiltration, composite impregnation, functional coatings, resulting in a multitude of usage opportunities. VACNT are based on naturally occurring and abundantly available materials and NAWA will make them from natural carbon sources to reduce its environmental footprint.

The World Materials Forum is an annual high-level expert conference that gathers academics as well as a large panel of CEOs from all industries of materials. One can say, WMF is the DAVOS of Materials where people discuss how to mine, manage and recycle resources and waste in a world that makes 80 million cars, a billion cell phones and 500 billion plastic bottles a year? WMF2019 will be held in Nancy (France) from 12 to 14 June 2019. Every year, a start-up Challenge is organized

to highlight the most promising materials and entrepreneurial companies and provide for the opportunity to meet the global leaders of companies and academia for three days. The list of nominees has been published by Prof. Victoire de Margerie in April 2019 (see: https://worldmaterialsforum.com/prof-victoire-de-margerie-announces-the-list-of-18-nominees-for-the-2019-world-materials-forum-start-up-challenge.html)

Pascal Boulanger, Founder, CTO and COO of NAWA Technologies, said: “Future materials are key for our planet. At NAWA we try to use less atoms to store more electrical charge more rapidly. Since the beginning of NAWA, our DNA has been to disrupt the use of batteries, by finding ways to use less energy and more natural resources for building our electrode and at the same time working on batteries with multiple lives and at the end, easier to recycle. We are very honored and happy to be nominated as one the finalists of the WMF2019 Challenge. Let’s make it happen.”

Ulrik Grape, CEO of NAWA Technologies, said: “Being nominated as a finalist at the WMF2019 Startup Challenge is a great recognition of the innovative work and dedication of our team in bringing the VACNT technology into the industrialization phase in just five years. Developing a new material is a significant challenge and we will be delighted to present our technology and discuss with the most prominent experts in the world of materials in Nancy next June to find fans, investors or our next customers.”

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About NAWA Technologies

NAWA Technologies’ Ultra Fast Carbon Batteries are the next-generation of the ultracapacitor, featuring vertically-aligned carbon nanotube electrodes. Combined with a pioneering unique coating they can offer three-to-five times more energy than existing ultracapacitors or up to five times more power, depending on application. Setting new standards for charging speed, frequency and environmental friendliness, NAWA Technologies’ Ultra Fast Carbon Battery bridges the gap between existing ultracapacitors and more traditional lithium-ion batteries.

Capable of being charged and discharged within seconds over a million cycles without any loss in performance, the batteries are also environmentally friendly to produce and have exceptional second life usage, because they are based on carbon – a naturally-occurring, accessible and abundant material. NAWA Technologies’ new Ultra Fast Carbon Batteries have multiple uses, from the power tool and manufacturing sectors, to automotive and commercial vehicle markets, within the IoT and sensor sectors as well as playing a key role in managing energy flow in a smart grid, to aerospace and even space.

NAWA Technologies’ COO Pascal Boulanger spent 20 years at the CEA (French Atomic and Alternative Energies Organisation). In 2008, he joined one of the first R&D teams in Europe working on new nanocarbon structures: carbon nanotubes and graphene. Within two years the team of researchers had shown that nanomaterials could be produced on a large scale and at a competitive cost. And in 2013 NAWA Technologies was born, spun off from the CEA and based in the south of France. Ulrik Grape joined as CEO in 2017, bringing over 20 years of executive management experience in lithium-ion battery industry start-ups in both Europe and the US.