

Conamix

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Conamix Awarded up to \$8.7M to Support the Extreme Energy Storage Needs of the Intelligence Community

ITHACA, NY (Date, 2021) – Conamix, Inc., a venture-backed battery materials startup based in Ithaca, NY, today announced a competitive award for an advanced technology energy project the Intelligence Advanced Research Projects Activity (IARPA). This contract is valued up to \$8.7 million over 45 months. This contract is part of IARPA’s Robust Energy Sources for Intelligence Logistics in Extreme Novel and Challenging Environments (RESILIENCE) program. Conamix, Inc. is teamed with Ionic Materials, and EaglePicher Technologies to develop advanced high energy density, long calendar life sulfur-based batteries. The project will develop batteries based on a nanostructured Sulfur/Metal Sulfide (SMS) hybrid cathode system that marries the high gravimetric energy density and excellent low temperature operability of sulfur with the power capability and high volumetric energy density of metal sulfide-based lithium intercalation materials. The team will produce a long shelf life/high energy density cell to meet IARPA RESILIENCE target metrics by combining the SMS cathode with protected lithium metal anode (PLA) technology developed by Ionic Materials. EaglePicher, a leading US-based manufacturer and supplier of advanced batteries to government agencies, will provide cell design, modeling and battery production capabilities..

“Conamix is excited to embark on this important IARPA RESILIENCE program to create high energy density battery materials for the intelligence community,” said Conamix CEO and co-founder Charlotte Hamilton. “The IARPA project contributes directly to our overall goal of revolutionizing lithium ion batteries for the auto industry with high energy density, low-cost materials”

This contract is a milestone for the startup located in Ithaca, NY adjacent to Cornell University. In receiving this contract, Conamix increases its global recognition from key stakeholders inside and outside the market for lithium ion batteries. The company continues to expand and diversify their already top-notch team of scientists, engineers and innovators.

Founded in 2014, Conamix has been working to reach energy storage's holy grail: a low-cost, high-energy alternative to the expensive and scarce cobalt and nickel found in current electric vehicle (EV) batteries. Conamix's sulfur cathodes are addressing a major issue that has prevented the development and widespread use of sulfur-based lithium batteries: how to make inexpensive, readily available sulfur function at commercially relevant performance levels as a replacement for expensive compounds in lithium-ion batteries.

Conamix is backed by Volta Energy Technologies, Hegemon Capital, New York Ventures, and other early-stage investors. The company's technology is protected by over 30 interlocking patent families and is based on innovations developed at Cornell, Stanford, the University of Waterloo, Berkeley Lab, and other leading global research institutions.

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About Conamix

Conamix is commercializing new low-cost, high-energy materials for the global lithium battery market. The company's materials are designed to drop into existing manufacturing infrastructure to both improve the energy density and lower the cost of lithium-ion systems. The company is led by an experienced team of chemical and battery industry leaders and has intellectual property agreements with multiple leading global research institutions. For contact information, visit conamix.com.

Acknowledgement and disclaimer:

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