HALIFAX, NS / ACCESSWIRE / May 26, 2016 / Troy Grant, President and CEO of Elcora Advanced Materials Corp. (TSXV: ERA) (OTC: ECORF) (FSE: ELM), (the "Company" or "Elcora"), reports the progress of its Graphene R&D Lab ("the Lab" or "Lab") in Halifax, Nova Scotia. Construction of the graphene production facility commenced in February 2016 (see February 10, 2016 news release). The equipment is now in place and commissioning is on schedule.

The Lab will develop and optimize a small industrial-sized graphene production chain, as well as conduct graphene research in energy storage, coatings and printed electronics, developing commercial applications. The approximately 2000 sq ft size Lab is designed to provide secondary refining of the company's graphite from the Ragedara Mine in Sri Lanka as well as other graphite deposits, and to produce quality graphene for distribution and sale to other R&D organizations. In addition, the Lab will also be used to conduct Elcora's own internal graphene application development, as part of company's vertical integration plan. Once full production capacity is reached, the lab is expected to produce approximately 100 kg of high quality graphene per year. The company anticipates that full production capability will be reached by the end of June.

Graphene is a material that will cause large shifts in technology that could impact a broad number of end-user applications. Billions of dollars are spent on research and developing end-user applications every year, globally. While many organizations are busy patenting their new graphene technology, there is a global shortage of graphene supply. High quality graphene that will make all the "magical" applications come true must only be 1 or 2 layers thick. To achieve a high concentration of desired quality graphene, productions are only done on lab equipment in the scale of sample tubes at a time. This is only enough for research purposes and too costly for commercial production of these graphene end-user applications. While 5 or 6 international companies and many Chinese companies claim they have successfully industrialized graphene production, independent test results by the 2D Material Lab at National University of Singapore (NUS) show the percentage of high quality graphene contained in their samples are low. The majority of the samples are 10-layer-plus graphite particles.

"We are very pleased with the progress of the Lab", said Troy Grant. "This facility has state of the art equipment that will deliver precise and targeted processing of our material and produce a high quality product as a result. Industry leading quality control processes have been put in place."

Ian Flint, Ph.D., P. Geo., is the Qualified Person as defined under NI 43-101 who has reviewed and is responsible for the technical information presented in this news release.

About Elcora Advanced Materials

Elcora was founded in 2011 and has been structured to become a vertically integrated graphite & graphene company that mines, processes, refines graphite, and produces both the graphene and end user graphene applications. As part of the vertical integration strategy, Elcora has secured high-grade graphite and graphene precursor graphite from its interest in the operation of the Ragedara mine in Sri Lanka which is already in production. Elcora has developed a unique low cost effective processes to make high quality graphite and graphene that are commercially scalable. This combination means that Elcora has the tools and resources for graphite and graphene vertical integration.

For further information please visit the company's website at http://www.elcoracorp.com.

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SOURCE: Elcora Advanced Materials Corp.