

Press Release  
November, 2007  
Funding Round Closed by APJET

John Emrich, APJeT's CEO, announces the successful completion of a \$1,000,000 round of financing led by strategic investors Morrison Textile Machinery and Air Products and Chemicals, Inc, along with an angel group of investors. The funding will be used to help commercialize APJeT's revolutionary plasma technology developed for use in textile manufacturing.

APJeT, a technology spin-off and licensee of Los Alamos National Laboratory, has developed a revolutionary nano-technology using atmospheric plasma for finishing of apparel and other common textiles. APJeT's unique process uses an environmentally-friendly "dry" ionized gas to impart water repellent, stain repellent and wicking (moisture management) characteristics to the treated fabric. Unlike conventional stain-repel treatments, which require chemical-based "wet" treatment, the APJeT process can produce a single fabric that will repel rain, snow, and oil-based stains on one side, while the other side of the same fabric wicks moisture from the body. The result is a garment that stays clean longer, is more comfortable to wear and does not show perspiration, yet costs less to produce than today's conventional process methods.

APJeT's proprietary plasma technology eliminates the use of water, a valuable and increasingly scarce vital resource, especially in the drought-stricken Southeast. It also eliminates the need for waste water remediation, providing a double benefit to textile manufacturers already under pressure from foreign competition in countries less respectful to the environment. The APJeT process provides further environmental benefits in that the need for ovens (high energy users) used for fabric curing is also eliminated. Operations are simplified since the APJeT process allows in a single pass for the fabric to be treated for repellency on one side while the other side is plasma-treated for wicking. Additional benefits include the ability, for the first time, to apply a durable stain repel treatment to heat sensitive fabrics, such as silk and wool, since the APJeT process does not use heat for curing/drying and most conventional stain repel processes require heat.

APJeT's CEO, John Emrich, a 38 year veteran of the textile industry sees a bright future for APJeT not only within the textile industry but also for industries such as food packaging where value added processes are needed that are environmentally-focused. He is quoted as saying "During my 35 years in the textile industry I have never seen a process as revolutionary as that developed by Dr. Gary Selwyn," referring to APJeT's CTO and founder and the inventor of the technology exclusively licensed to APJeT. . He continued, "With this additional funding we can accelerate our development of APJeT's state-of-the-art processes and with our partners drive towards our goal of global commercialization of the technology and the paradigm shift that it will bring to the textile

industry. This new technology will soon find its place in performance sports apparel, home furnishings and in everyday apparel”.

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APJeT founded in 2003 has developed an environmentally friendly and revolutionary “dry” textile treatment, using plasma technology, to impart a nano-coating to fabrics providing them with water repellent, stain repellent and wicking (moisture management) characteristics. APJeT is a privately held company which has received financing from Air Products and Chemicals and is the largest start-up to spin-off from Los Alamos National Labs.