



ANS

Applied Nano Surfaces

Press Release

Uppsala, 2010-12-21

Swedish ANS continues its expansion

Uppsala-based Applied Nano Surfaces (ANS) has completed a new share issue for a total of 1.3 million Euros. New investor and largest shareholder is Fouriertransform AB, which together with the existing owners of the Sixth AP Fund, Första Entreprenörsfonden and Attentus Göteborg is behind the issue. ANS intends to continue its expansion to new markets and in more application areas.

Applied Nano Surfaces has been able to attract new venture capital from some of the strongest and most reputable investors. The financing also includes a term loan from the Swedish Energy Agency.

- A large number of companies have now confirmed that our patent-pending triboconditioning technology can reduce friction and reduce abrasion of their applications and several customers who evaluated the technology have now moved on to plan for the introduction of the process in production, says CEO Mattias Karls.

- The focus of activities during the company's first development phase was to demonstrate that our surface treatment technology works in real applications. Now that we know that this is the case, we can continue and work harder on bringing the technology to the market, says co-founder Christian Kolar.

The ANS technology reduces friction between surfaces that move against each other and can therefore lead to significant energy savings. One of the main reasons that ANS has received such widespread acceptance for its technology is due to the method's simplicity. The low-friction coating can be deposited onto the surface while the component is being manufactured. As the process is easy to integrate in production and can utilize existing machinery, the cost of usage will be much lower than for competing technologies.

Reduced friction also leads to less wear and thus prolonged life of the treated components. Mattias Karls therefore sees a wide range of future applications. - We see enormous potential to improve everything from machines in the process industry, compressors, bearings and engines.

- Applied Nano Surfaces and its technology for minimizing friction is in our investment focus as it helps reduce CO₂ emissions. The company has been able to get major development clients and through our investment, we want to ensure the commercialization of the technology and help to successfully approach the company's large addressable market, says Per Nordberg, CEO of Fouriertransform.

For more information, contact

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About ANS

Applied Nano Surfaces (ANS) is an innovative company that has developed a revolutionary new method for creating low-friction anti-wear coatings.

The method allows steel and cast iron components to be coated with a thin nano-composite layer. The coatings can be relatively easily created at a low cost, and the treated surface has good characteristics in terms of very low friction and good adhesion as well as high load-carrying capability.

The method can be applied to improve energy-efficiency in those application areas where friction-related energy losses are significant, e.g. in internal combustion engines, bearings, compressors, pumps, etc.

ANS has been praised for "best business idea" in the Venture Cup 2006/2007, received second prize in Environmental Innovation 2008, got Vinnova's VINN-NU prize in 2008, been awarded best surface coating by Frost & Sullivan in 2009 and listed as one of Sweden's 33 hottest technology companies in both 2009 and 2010.

The background to ANS is research done at the Uppsala University between 2000-2006.

ABOUT ANS	
Founded	2008
Number of employees	6
Headquarters	Uppsala

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www.appliednanosurfaces.com/ANSpresrelease.en.2010-12-21.pdf

In Swedish (PDF):

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