



Applied Nano Surfaces

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Abacus alpha GmbH invests in high-tech company Applied Nano Surfaces Sweden AB

18.03.2019, Frankenthal, Germany, and Uppsala, Sweden. Abacus alpha is leading an investment round alongside the existing investors BASF Venture Capital and Fouriertransform AB in the Swedish high-tech company Applied Nano Surfaces Sweden AB (ANS).

ANS headquartered in Uppsala, Sweden, offers unique surface treatment technologies on various steel and cast iron surfaces to reduce friction and wear in industrial and automotive applications.

ANS will use the investment proceeds to support its customers with adoption and implementation of the technologies in series production. Key application areas are automotive engine components such as valve train parts, cylinder liners, crankshafts and connecting rods as well as industrial applications such as hydraulic motors, rock drills, pumps, chains, gears and compressors. ANS will also continue to advance the partnerships established with Bodycote, the world's largest supplier of heat treat-





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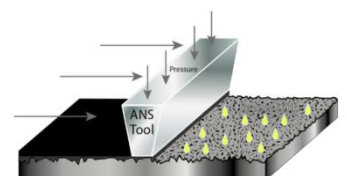
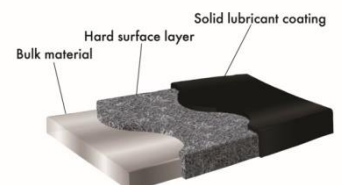
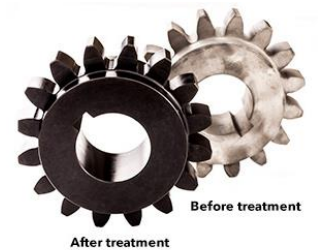
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ment services, as well as with leading machine suppliers that support the implementation of the ANS' processes.

Frank Hüther, Managing Director of Abacus alpha: “We are convinced of the management team and the offering of ANS. Based on the evident value proposition we see a global potential for the company in diverse industrial applications. ANS is an exciting enrichment of our Investment cluster “Materials and Additive Manufacturing”. We are looking forward to joint successes with ANS Team and our co-investors.”

Maciej Pasternak, Investment Manager at Abacus alpha: “ANS is one of the very few players on the market that can bring the deep knowledge of tribology into industrial application. The proprietary technology portfolio offers a very competitive solution for friction and wear reduction.”

Christian Kolar, CEO and Co-founder of ANS: “Minimizing energy losses, lower CO₂ emissions and increase component life are prioritized areas for many of our customers today. The funds raised, with Abacus Alpha as lead investor, together with funding from the Horizon 2020 SME Instrument phase 2 program that we





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were recently awarded, will enable us to fully tap into these opportunities. We have now an exciting period in front of us where we will bring in our cost-efficient technologies in full scale for a range of different application areas.”

About Abacus alpha GmbH

Abacus alpha is a Frankenthal-based investment company centred around a multinational listed company rich in tradition. Abacus alpha goal is to develop a business group with a balanced structure of young and established companies. The company invests in Industrial IoT, Materials and Additive Manufacturing, CleanTech / GreenTech and Business and Industrial Services.

Further information is present at: www.ab-alpha.de.

About Applied Nano Surfaces Sweden AB

Applied Nano Surfaces Sweden AB (ANS) offers innovative solutions for friction and wear reduction. The technologies have a favourable cost-performance profile and are easily implemented in existing production lines. ANS has three core offerings: ANS Triboconditioning®, ANS Tricolit® and ANS TriboNite®. ANS Triboconditioning® is a mechanochemical surface treatment method that is used to reduce friction losses for components made of steel and cast iron. ANS Tricolit® is a series of low friction coatings applicable to components of various materials and shapes. ANS TriboNite® is an advanced heat treatment and coating process that gives the component a hard and durable surface with low friction capabilities. ANS has more than 70 ongoing projects with OEMs and Tier 1 suppliers from the automotive industry as well as with customers in various industrial applications where friction reduction and increased durability is a major topic.

Further information is present at: www.appliednanosurfaces.com.

Further Information / Contact:

Christian Kolar

Applied Nano Surfaces Sweden AB

Knivstagatan 12, 753 23 Uppsala, Sweden

Phone: +46 70 738 48 49, E-Mail: christian.kolar@appliednanosurfaces.com



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Pictures:



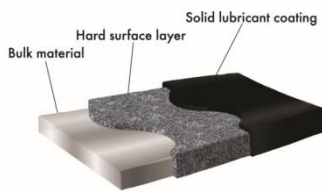
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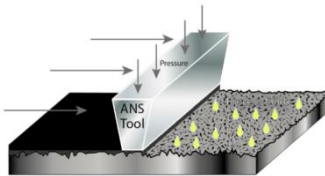
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