

Press release

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New partnership secures bright future for P2i in solar energy

[P2i](#), the world leader in liquid repellent nano-coating technology, has teamed up with US based new technology launch and commercialization specialist, [Energy Launch Partners](#), to develop its unique business proposition for the solar energy sector.

P2i's revolutionary plasma process dramatically reduces the surface energy of a material, so that when liquids come into contact with it, they form beads and simply roll off. When applied to solar cells, P2i's multi-patented technology can prevent water, frost and dirt from forming on the surface, radically improving performance. Furthermore, it is extremely durable and has the potential to extend the range of environments in which solar cell arrays can be deployed.

P2i's nanometer-thin polymer coating is applied in a vacuum chamber using a special pulsed ionised gas (plasma). It is molecularly bound to the entire product surface, which means it becomes inseparable from it and extremely durable. And, because the coating is one thousand times thinner than a human hair, it is invisible to sight or touch. And, because the application process is solvent-free and uses only tiny quantities of protective monomer, there is minimal waste and no adverse impact on the environment. In addition, P2i's highly flexible platform technology can be optimised to meet very specific functional requirements, making this a perfect fit for the complex demands of the solar energy industry.

Ross Harding, Managing Partner and Founder of Energy Launch Partners, comments: "P2i's ground-breaking technology has vast applications in the solar energy sector. Renewable energy is a growing market like no other, with constantly evolving product needs, supply chains and customer requirements. We are hugely enthusiastic about our new partnership with P2i and the opportunities it presents."

Stephen Coulson, Chief Technical Officer at P2i, said: "Following on from our [recent successes](#) in the consumer electronics market, P2i's nano-coating technology promises to have the same game-changing impact on the solar

energy sector. Unrivalled in its performance enhancing characteristics and flexibility, our technology delivers clearly defined benefits and a competitive edge for manufacturers. Through our collaboration with Energy Launch Partners, we are in a strong position to maximize the success of our launch into the solar energy market.”

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Notes for Editors

About P2i

P2i is the world leader in liquid repellent nano-coating technology. We make good products great by applying innovative science. Our revolutionary technology enables our customers to improve the performance of their products and protect them from the effects of water and all other liquids. This builds value by commanding premium prices and/or reducing costs.

P2i Ltd was established in 2004 to commercialise liquid-repellent treatments developed by the UK's Ministry of Defence. Now on a commercial scale, P2i's patented process has been successfully applied to a wide range of products in a [wide range of markets](#) including performance textiles, electronic devices, filtration media and bio-consumables.

In consumer sectors the presence of P2i's technology is indicated either by, [ion-mask™](#), its brand for footwear, outdoor clothing and accessories, or [Aridion™](#), its brand for electronics.

See www.p2ilabs.com for more information or to view our [video](#). Corporate enquiries to:

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How the P2i technology works

P2i's technology works by applying a nanometre-thin polymer layer over the entire surface of a product. Using an ionised gas (plasma) this layer is molecularly bound to the surface and will not leach away. The process confers superior oil *and* water repellency by reducing the surface energy to ultra-low levels – down to one third that of PTFE (polytetrafluoroethylene). In footwear and textile applications, P2i's technology also minimises liquid absorption from outside elements and evaporated perspiration.

About Energy Launch Partners

Fast and successful business launches

Energy Launch Partners is focused on commercializing sustainable technologies. It combines market knowledge with high level contacts and a network of technical and financial strategic partners to position new technologies for solid success. It takes a lot more than a good product to make a commercial success in the large and complex US markets. Energy Launch Partners combines emerging and proven technologies to meet these rapidly developing market needs.

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