

Directa Plus plc
("Directa Plus" or the "Company")

Grant of Italian Patent for Filtration Applications

Directa Plus (AIM: DCTA), a leading producer and supplier of graphene nanoplatelets based products for use in consumer and industrial markets, announces that the Company has been granted an Italian patent covering the use of the Company's G+® pristine graphene nanoplatelets applied to textile substrates for high bacterial filtration efficiency media for filtration applications. The priority date for the patent is 25 May 2020.

G+® applied to textile substrates provides proven antibacterial and antiviral (including anti-SARS-CoV-2) performance. The target filtration market applications cover both medical and industrial use. Directa Plus started work on air filtration in 2020 with a signature project that successfully supplied face masks with anti-SARS-CoV-2 protection. This work led quickly into exploring industrial filtration applications starting with the automotive and HVAC (heating, ventilation and air conditioning) markets. Directa Plus, as already announced, has partnered with a leading worldwide supplier of non-woven textile materials to develop a suite of new products for automotive and industrial applications based on the antimicrobial properties (antibacterial and antiviral), thermal comfort and electrical conductivity properties of G+® enhanced fabrics.

Following the grant of the patent, Directa Plus's IP portfolio comprises 20 patent families with 73 patents granted and 28 patents pending.

Commenting, Giulio Cesareo, Founder and CEO of Directa Plus, said: "The grant of a patent for a new market vertical demonstrates the speed with which we can enter existing high potential markets to supply innovative new products. The international filtration markets are large and we believe that there will be significant demand for proven antimicrobial products which we aim to launch quickly with our industrial partners."

For further information please visit <http://www.directa-plus.com/> or contact:

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About Directa Plus

Directa Plus (www.directa-plus.com) is one of the largest producers and suppliers of graphene-based products for use in consumer and industrial markets. The Company's graphene manufacturing capability uses proprietary patented technology based on a plasma super expansion process. Starting from natural graphite, each step of Directa Plus' production process – expansion, exfoliation and drying – creates graphene-based materials and hybrid graphene materials ready for a variety of uses and available in various forms such as powder, liquid and paste.

This proprietary production process uses a physical process, rather than a chemical process, to process graphite into pristine graphene nanoplatelets, which enables Directa Plus to offer a sustainable, non-toxic product, without unwanted by-products. Directa Plus' products are made of hybrid graphene materials and graphene nano-platelets. The products (marketed as G+®) have multiple applications due to its properties. These G+® products can be categorised into various families, with different products being suitable for specific practical applications.

Directa Plus was established in 2005 and is based in Lomazzo (Como, Italy) and has been listed on the AIM market of the London Stock Exchange since May 2016. The Company holds the Green Economy Mark from London Stock Exchange which recognises companies that contribute to the global green economy.

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