

4 July 2019



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

US IP Portfolio Strengthened with Patent Grant for Liquid G+

Directa Plus (AIM: DCTA), a leading producer and supplier of graphene nanoplatelets based products for use in consumer and industrial markets, is pleased to announce the grant of a patent by the United States Patent and Trademark Office, relating to the Company's technology to produce a water-based dispersion of pristine graphene nanoplatelets (GNPs). The technology allows Directa Plus to create an ink based on its G+ graphene product. The grant follows the award of a US patent, announced on 27 June 2019, for the Company's core, chemical-free graphene manufacturing process which produces GNPs with a high level of purity (high carbon content, extremely low oxygen content).

The G+ water-based ink is a highly concentrated dispersion of pristine GNPs, which can be increased to a concentration of up to 50 per cent with the addition of a surfactant. The product's main benefit is its high degree of dispersibility in any water-based hosting formulation making the incorporation process easier. The G+ ink can be used in textiles applications to provide flame retardant properties or electrical conductivity, as well as for coating applications in, for example, the production of battery electrodes.

Commenting, Giulio Cesareo, Founder and CEO of Directa Plus, said: "This grant, following on from the recent grant of patent protection for our core manufacturing process in the US, is another milestone towards launching into US markets and a further demonstration of the strength of our IP portfolio."

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

Directa Plus plc	+39 02 36714458
Giulio Cesareo, CEO	
Marco Ferrari, CFO	
Cantor Fitzgerald Europe (Nominated Adviser and Joint Broker)	+44 20 7894 7000
Rick Thompson, Philip Davies Will Goode (Corporate Finance)	
Caspar Shand Kydd (Sales)	
N+1 Singer (Joint Broker)	+44 20 7496 3069
Mark Taylor, Lauren Kettle	
Tavistock (Financial PR and IR)	+44 20 7920 3150
Simon Hudson, Barnaby Hayward, Edward Lee	

About Directa Plus

Our focus is principally on the two sectors in which we have strong commercial advantage through developed and launched products and a technological lead: environmental (based on our Grafysorber® product) and textiles (based on our G+ products). In addition, we will continue to pursue opportunities in elastomers and composites (including tyres and asphalt), also using our G+ products. All our products are hypoallergenic, non-toxic and sustainably produced.

-ends-