

30 July 2020



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

### **Italian Patent Grant for Shoe Outsoles**

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 a patent by the Italian Patent Office for the Company's G+<sup>®</sup> graphene to improve the performance of rubber based shoe outsoles. The patent covers both the formula containing G+<sup>®</sup> and the outsole made with the formula.

The application of Directa Plus's technology to rubber based shoe soles allows manufacturers to balance the conflicting properties of durability and grip in both wet and dry conditions, a characteristic already demonstrated by the Company in its formulations of G+<sup>®</sup> for the tyre and retread markets.

The grant is a further strengthening of the Company's intellectual property portfolio which now comprises 56 patents in total: 33 granted and 23 pending, covering Directa Plus's production process and developed products and applications.

**Commenting, Giulio Cesareo, Founder and CEO of Directa Plus, said:** "The ability of our G+<sup>®</sup> graphene to balance the opposing characteristics of wear and grip for rubber based products such as tyres and shoe outsoles is proving to be of great interest to manufacturers.

"We aim to build a strong intellectual property portfolio and we will continue to seek patent protection for our processes, products and product applications."

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

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### **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<sup>®</sup> 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.

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