

14 December 2017

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

**Directa Plus and GSP SA collaborate to evaluate oil & gas applications for Grafysorber®**

*Signed binding letter of intent to conduct field tests of graphene-based product for water decontamination in oil & gas industry*

Directa Plus plc (AIM: DCTA), a producer and supplier of graphene-based products for use in consumer and industrial markets, announces that it has entered into a collaboration with GSP SA. Headquartered in Romania and part of the GSP Holding group, GSP SA operates in the global oil & gas industry and it is working with Directa Plus to evaluate the use of Grafysorber®, the Company's graphene-based product for environmental applications, in the removal of hydrocarbons from contaminated water emanating from oil & gas activities. The companies have signed a binding letter of intent ("LOI") to conduct field trials with a view to entering into a commercial agreement during the first half of 2018.

Giulio Cesareo, Chief Executive Officer of Directa Plus, said: "We are pleased to have entered into this collaboration with GSP SA who will be evaluating and implementing Directa Plus technology in their activities in the oil & gas industry. GSP SA owns ships, offshore platforms and oil fields that represent several interesting application areas with high potential for Grafysorber® to be successfully used. This is another great opportunity to demonstrate the effectiveness and efficiency of Grafysorber® in the field. We look forward to successfully completing the trial phase and to establishing a commercial agreement."

Under the terms of the LOI, GSP SA will commence on-field trials in early 2018 to explore multiple applications for Grafysorber® across its range of activities in the oil & gas industry, which includes offshore drilling and construction, shipping, engineering, aviation, onshore facilities, logistics and catering. This will involve testing the absorbent capabilities of Grafysorber® in decontaminating hydrocarbons from seawater and in the treatment of industrial water. The LOI also includes the potential purchase or renting by GSP SA of the Company's Mobile Production Unit ("MPU") for the on-site production of Grafysorber®.

Grafysorber® has unique and proven oil adsorption capacity that has been substantiated through extensive testing and commercial trials. In July 2017, the Company and ENI S.p.A. jointly presented the results of their successful testing of Grafysorber® over the previous twelve months to the 6<sup>th</sup> International Conference on Environmental Chemistry and Engineering in Rome. Grafysorber®'s 3D structure, made by graphene sheets, acts as a sponge to capture the hydrocarbons that contaminate the water. It has been demonstrated to be at least five times more effective than the technologies presently used for water decontamination, adsorbing more than 100 times its own weight of oily pollutant. Grafysorber® is also eco-sustainable: it is derived from a natural raw material, graphite, and is produced in a chemical-free process; the absorbed oil can be easily recovered to be recycled or disposed of separately; and Grafysorber® is itself reusable and recyclable.

Razvan Popescu, Chief Operating Officer of Directa Plus who will be overseeing the on-field trials, commented: "Our customers in Romania were among the first to test, and later use, our innovative Grafysorber® materials for the treatment of ground water contaminated with hydrocarbons and for the remediation of polluted sites. We are delighted to offer the opportunity to take advantage of this unique material to a company like GSP SA."

Gabriel Valentin Comanescu, President and CEO of GSP SA, added: "Ever since our company's establishment, one of our main focuses has been to conduct our business in an environmentally responsible manner. That is why we are continuously looking to find the most innovative and effective solutions and to integrate them in our activities in the oil and gas industry. We trust this collaboration for the evaluation of Grafysorber® will be a starting point to a successful partnership with Directa Plus."

## Enquiries

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## About Directa Plus

Directa Plus is one of the largest producers and suppliers of graphene-based products for use in consumer and industrial markets worldwide. By incorporating Directa Plus' unique graphene blends, identified by the G+ brand, its customers can enhance the performance of their end products without significantly increasing their cost. Directa Plus graphene-based products are natural, chemical-free, sustainably produced and tailored to specific customer requirements for commercial applications such as smart textiles, tyres, composite materials and environmental solutions.

Established in 2005, the Company has a patented technology process and a scalable and exportable manufacturing model. It produces graphene-based products at its own factory in Lomazzo, Italy, and can set up additional production at customer locations to reduce transport costs, waste and time-to-utilisation. Directa Plus partners with customers to enable them to offer the high-performance benefits of graphene in their own products.