

TerraVerdae BioWorks Awarded Support Grant by UK Regional Growth Fund for Applied Industrial R & D Centre for Performance Biopolymers and Biomaterials

Wilton, UK – TerraVerdae BioWorks Ltd is pleased to announce the award of a £3.25 million (\$5.2 million) grant by the UK Regional Growth Fund (RGF) to support its Applied Industrial Research and Development Centre. The focus of the Centre is to enhance innovation and market uptake for advanced biobased and biodegradable polymers produced from waste-derived and sustainable feedstocks. This project is supported through TerraVerdae's collaboration with The Centre for Process Innovation (CPI) and Intertek Measurement Science Group (MSG).

The TerraVerdae Applied Industrial Research and Development Centre is focused on creating co-development partnerships with customers and key industrial collaborators. The Centre will help accelerate TerraVerdae's go-to-market strategy by providing unique capabilities and resources to address key technical challenges in the development, characterization, and commercialization of next generation biocomposite polymers, biomaterials, and performance bioplastics.

"We are very excited about the opportunity to establish this hub of excellence as a key addition to our global capabilities in advanced performance biobased material development and production. It provides us with a unique opportunity to tap into the rich history of polymer development in the North East of England," said William Bardosh, CEO of TerraVerdae. "It also strengthens our capabilities and development offering for global collaborations and positions us strongly, with a perfect entry into the rapidly-expanding European market."

Nigel Perry, CEO of CPI says, "We are absolutely delighted to be working in partnership with TerraVerdae. This combination of RGF and private sector investment is a great example of CPI engaging with industry to create new world class infrastructure and green technology jobs that will position the North East economy as a global centre of sustainable innovation."

This award supports TerraVerdae's vision of producing sustainable high performance bioplastics integrated with conventional and nano materials to create advanced biocomposites and bioalloys. In the rapidly growing market (30% CAGR) for bioengineered polymers, the commercial development and deployment of TerraVerdae's next generation biobased materials provide key economic, resource security, and environmental benefits. Biodegradable plastic production from waste creates a unique cradle-to-cradle value proposition for landfill waste, biomass residues, and industrial wastes.

TerraVerdae BioWorks Ltd is a sustainable biotechnology company with operations in Canada, the UK, and the US. The company is developing a unique industrial production platform for the conversion of waste-derived and sustainable feedstock into biobased products including biodegradable bioplastics. TerraVerdae's initial focus is on the development of biodegradable biopolymers, biocomposites, and biobased alloys targeting high value performance applications. For more information please visit: www.terraverdae.com

The Centre for Process Innovation (CPI) is a key component of the UK Government's first elite technology innovation centre, focusing in the area of high value manufacturing. It offers market and technology expertise along with cutting-edge development assets to help its public and private sector clients and partners build and prototype the next generation of products, processes, and services quickly and efficiently, and with minimal risk. CPI has designed and established national technology centres in Printable Electronics, Anaerobic Digestion and Industrial Biotechnology. The centres are equipped with development laboratories, prototyping facilities, and pilot plants that enable clients to prove and scale up processes from the laboratory stage through to commercial reality. For more information visit: www.uk-cpi.com

Intertek Measurement Science Group (MSG) is based at the Wilton Centre in North East England, with deep expertise in the characterization of polymers, chemicals, composites, catalysts and other inorganic materials. Intertek MSG's experienced and highly qualified chemists and material scientists provide consultancy, problem-solving, and analytical services to a wide range of industries, including polymer manufacture, medical devices, automotive, pharmaceuticals, and home and personal care. Intertek MSG is part of Intertek Group plc (LSE: ITRK) with a network of over 1,000 laboratories and offices and 30,000 people in over 100 countries around the world. For more information please visit: www.intertek.com

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