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# Presentation of innovative platform at Vitafoods Europe in Geneva

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International nutritional solutions provider Glanbia Nutritionals is introducing its TechVantage platform at this year's Vitafoods Europe, the world's leading nutritional supplements trade show. It offers functionally optimized nutritional technologies that provide increased stability, the ability to mask flavors and colors, and improved solubility and flowability.

Today, more than ever, there is a need for product formulations that meet the demands of increasingly sophisticated dietary supplements, beverages and foods. Functionally optimized nutrient technologies are based on more than 30 years of industry experience and cover a wide range of challenges and requirements, such as optimizing product color, clarity, taste, stability, dispersibility and bioavailability. The in-house technologies within the platform are NutraShield microencapsulations, UniTrit triturations and GranulPlex granulations, each with their own merits:

NutraShield microencapsulated nutrients provide a protective structure around each nutrient. This enhances efficacy and function in a variety of ways - including masking odors and flavors, improving stability, controlling color intensity, converting oils to powder, and delaying the release of nutrients.

UniTrit triturated nutrients are standardized on a carrier for homogeneous nutrient release, allowing easier distribution of nutrients in the final blend and easy scaling with less excess.

GranulPlex granulated nutrients are formed by forming individual particles from multiple small and large particles, allowing for better instantization, dispersibility and a more powerful compressible powder.

The nutrient portfolio covers a wide range of categories, including vitamins, minerals, botanicals, amino acids, sweeteners, carbohydrates, fats (oils), botanicals, fiber and acids. It enables manufacturers to make significant improvements in the production of tablets, chewable tablets, effervescent products, gummy bears, powdered drink mixes, beverages and more.

"Decades of knowledge and experience in microencapsulation, granulation and trituration have gone into the development and creation of our TechVantage<sup>®</sup> platform. This has been done with the expectations and requirements of many of our customers in mind. TechVantage will provide our partners with increased end-product functionality while reducing formulation issues and manufacturing difficulties."

- Josh Stewart, Senior Product Manager Premix Solutions