Press release

IMMEDIATE RELEASE

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Leading biobased food ingredients and biochemicals company adopts gPROMS Advanced Process Modelling (APM) technology

Custom modelling of innovative processes key requirement

LONDON, 15 July 2013 --- Process Systems Enterprise (PSE), the Advanced Process Modelling® company, today announced a long-term software licensing agreement with leading biobased food ingredients and biochemicals company Corbion Purac for PSE's gPROMS® platform products.

Under the strategic 6-year collaboration agreement PSE will provide its APM technology within an integrated solution framework that includes PSE's unique gSOLIDS® flowsheeting tool for optimisation of solids process design and operation. PSE will also provide ModelCare® services to assist Corbion Purac engineers in the rapid delivery of projects and translation of existing process flowsheets.

Corbion Purac is a leading company in natural food preservation solutions, biobased building blocks & chemicals and polymers produced from lactic acid. Corbion Purac is the worldwide market leader in lactic acid, lactic acid derivatives and lactides.

The company chose the gPROMS platform because of its powerful dynamic and custom modelling capabilities. Additionally, the ability to combine vapour-liquid and solids handling aspects in the same 'custom flowsheeting' environment will allow full plant modelling and system optimisation in the future.

PSE's gPROMS is the world's leading advanced process modelling platform for the process industries. It is widely used to make better, faster and safer design and operations decisions by reducing uncertainty through deeper process knowledge than previously possible. This helps companies create lasting value through the ability to rapidly adapt to changing market and regulatory environments.

Mark Matzopoulos, VP of PSE's General Process Engineering strategic business said, "We are very pleased to see Corbion Purac making the switch to gPROMS technology as the next-generation choice, and also to be recognised as a provider of integrated modelling at all levels – from batch to continuous, steady-state to dynamics, and vapour-liquid to solids handling processes – within a single integrated framework.

Editors

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About Process Systems Enterprise Ltd

PSE (www.psenterprise.com) is the world's foremost provider of Advanced Process Modelling software and services to the process industries. Companies apply advanced process models to explore the process decision space rapidly and effectively, in order to reduce uncertainty and make better, faster and safer design and operating decisions.

Use of PSE's technology and services results in faster innovation, improved process and product designs, enhanced operations, reduced risk, more effective R&D and experimental campaigns and better capture and transfer of corporate knowledge across the organisation. Results are achieved with relatively low investment compared to alternative approaches, with rapid returns.

PSE's global customer base of Fortune 500 process companies is served by operations in the UK, USA, Japan and Korea, and agencies in Saudi Arabia, China, Thailand, Taiwan and Malaysia. PSE is a spin-out of Imperial College London, and its software is used for research and teaching in over 200 universities around the world.

The company's own ability to innovate was recognised with the award of the prestigious Royal Academy of Engineering MacRobert Award for Engineering Innovation, the highest UK engineering prize.

About gPROMS

gPROMS is the world's leading Advanced Process Modelling platform. It provides the underlying modelling, solution and optimisation engine for PSE's gPROMS family of products: general process engineering tools that include gPROMS ModelBuilder® and the Advanced Model Libraries for reaction and separation; and sector-specific gPROMS family products that include gSOLIDS®, gCRYSTAL®, gFUELCELL®, gCCS® and gFLARE®.

gPROMS models are used to explore the design or operational decision space to provide accurate predictive information for decision support. This helps companies reduce time-to-market for new processes or products, manage development risk, improve designs, enhance production, reduce capital and operating expenditure and ensure better compliance with safety, health and environmental requirements.

gPROMS family products are applied in all sectors of the process industries, with particular focus on modelling of complex operations such as reaction, separation, and polymerisation, and across the 'process lifecycle' at multiple scales, from laboratory experimentation through process and detailed design to online operation.

PSE is committed to maintaining the gPROMS platform and the products built on it at the forefront of process modelling technology.