



## NEW RELEASE OF PETRO-SIM, PETRO-SIM EXPRESS AND SIM SUITE FROM KBC

London, UK, and Houston, Texas, USA – (September 7, 2006) – KBC Advanced Technologies plc (KBC) announces the release of Version 3 of Petro-SIM, Petro-SIM *Express* and the KBC SIM Suite.

KBC continues its commitment to providing the best-in-class process simulation software available for the refining and petrochemicals industries.

Version 3 of Petro-SIM contains innovative ways to integrate simulation with key systems in the process plant – plant data information systems, LPs, relational databases, and Excel; all are included as part of the basic simulation package. Case management and usability is enhanced with change tracking features - a first on this simulation platform. These change tracking features include: an Undo feature, a journal to automatically record changes, and case comparison tools. Version 3 extends the features of the internal spreadsheet and adds a host of new features accessed with a click of a mouse. With this release, KBC also introduces a unique Knowledge Base - built-in intelligence that selects key results based on “Best Practices.” These features are all available in both Petro-SIM and Petro-SIM *Express*.

KBC continues to improve its industry-leading reactor models with Version 3, including new versions of the hydrocracking and hydrotreating models HCR-SIM, RHDS-SIM, and VGO-SIM, and KBC’s delayed coker model, DC-SIM. There are enhancements to KBC’s reformer, visbreaker and alkylation models. KBC also adds three new models to the KBC SIM Suite: an Isomerization model for C<sub>4</sub> through C<sub>6</sub>, and models for aromatics isomerization and aromatics transalkylation. Like KBC’s other world-leading reactor models, these kinetic-based models can be calibrated to match real-unit data.

“This release extends KBC’s lead in refinery and petrochemical process optimization” says Simon Rogers, CIO of KBC. “Petro-SIM is the only system capable of rigorously simulating complex integrated refineries and petrochemical plants. Version 3 demonstrates our commitment to continuously increase the value our clients get from simulation by making it more accurate and easier to use.”

### **About KBC:**

KBC Advanced Technologies plc, a leading independent consulting, process engineering and software group, delivers improved operating performance to the oil refining, petrochemical, and other process industries worldwide. We provide process consulting, strategic planning advice, organisational effectiveness services, energy price forecasting and market analysis, economic studies, capital project services, and training to help clients achieve their business objectives and improve their competitive position. KBC analyses plant operations and management systems and, our consultants recommend changes for material and measurable improvements in profitability. To assist clients in realising such improvements, KBC provides implementation services and software solutions, including KBC Profimatics™ models and Petro-SIM™ for process optimisation, and Linnhoff March energy optimisation software packages. Formed in 1979, KBC has offices in the UK, USA, Canada, Singapore, the Netherlands, Russia, China, and Japan. For more information, visit [www.kbcat.com](http://www.kbcat.com).

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