

Bayernoil and hte Announce Successful Catalyst Evaluation Pilot Plant Test

Written by Australian Business

HEIDELBERG, GERMANY, September 16, 2013 **/24-7PressRelease/** -- The objective of the pilot plant test was to find the best suitable catalyst system for the catalytic hydrodesulfurization unit (CHD) at Bayernoil's Neustadt site. hte used one of its in-house developed multifold trickle-bed miniplants with catalyst volumes up to 100 mL in each reactor. The parallel reactor system allowed the pilot plant test to be performed much faster than with the conventional approach.

"We are proud to announce the collaboration with Bayernoil. This project demonstrates that we have successfully expanded our R&D portfolio in the area of independent catalyst evaluation for the energy and refining sector," says Wolfram Stichert, CEO at hte.

"The collaboration with hte enabled us to find the best suited catalyst for our CHD unit," says Ralph Boettcher, Process Engineer in the Refinery Development Department at Bayernoil. "The parallel reactor system allowed us to gather more data in less time and even to extend the duration of the pilot test for simulation of different conditions. We are pleased with the results and we will definitely consider hte for future pilot tests again."

About BAYERNOIL Raffineriegesellschaft mbH The BAYERNOIL refining company is a joint venture owned by OMV Deutschland GmbH (45%), Ruhr Oel GmbH (25%), Eni Deutschland GmbH (20%) and BP Europa SE (10 %). BAYERNOIL is the biggest refinery in Bavaria with two sites in Vohburg and Neustadt on the river Danube. The sites are connected by 11 pipelines, so that they operate as a single refinery. Nearly 750 employees process approximately 10 million tons of crude oil per year producing LPG, transport fuels (gasoline, diesel, jet), heating oil and bitumen. Visit BAYERNOIL's website for more information: www.bayernoil.de

About hte Aktiengesellschaft hte Aktiengesellschaft (AG), a public limited company, is a leading provider of technology solutions and services for customers in the energy, refinery, chemicals and environmental sectors. Thanks to hte's products and services, R&D in the area of heterogeneous catalysis has become considerably faster and more productive. As a reliable partner in the field of high throughput experimentation, hte offers comprehensive expertise backed up by complementary products and services. Its product portfolio comprises both R&D solutions - research cooperations at hte's state-of-the-art laboratories in Heidelberg and technology solutions - tailor-made integrated workflows including hardware and software solutions, installed and ready for use on site at the customer's premises. With its high-quality services, hte supports its customers in the search for solutions to global challenges such as climate and environmental protection, energy efficiency and mobility. Its close ties with BASF guarantee long-term orientation and stability. For more information visit hte's website: www.hte-company.com