

# MEETING MARKETPLACE DEMAND WHILE SHAPING THE INDUSTRY OF TOMORROW

December 2012

## The winners of Platts Global Energy Awards

With its Global Energy Awards for 2012, Platts salutes the energy leaders who are meeting marketplace demand today and shaping the industry of tomorrow. In every category of this year's competition, our judges were impressed by the competitors' creativity and zeal for innovation. The global energy industry, driven by the relentless quest for new ideas, continues to mobilize the world's finest minds in pursuit of a brighter energy future: an energized global economy fueled by abundant and affordable energy supplies.

### Premier Project Award

#### Construction

Air Products and Chemicals, Inc.

Reliability and resilience are essential to energy and manufacturing firms – and especially to the refinery and petrochemical industry, where a steady supply of fuels and feedstocks is required to ensure smooth operations. Confidence in reliable supplies is especially important along the US coastline on the Gulf of Mexico, which is prone to hurricanes and tropical storms that can threaten to disrupt the flow of raw materials. With a far-sighted investment that will add greater reliability to the supply network for hydrogen – an increasingly important element for Gulf Coast petrochemical producers – Air Products and Chemicals earned strong praise in becoming this year's award winner for its Gulf Coast Connection Pipeline project.

A 183-mile pipeline – along with two compression stations – is now connecting the company's hydrogen plants along Air Products' existing Texas and Louisiana hydrogen pipeline networks, ensuring the reliable flow of more than one billion cubic feet of hydrogen every day. The pipeline reassures Air Products' customers in the region – and its anticipated future customers – that there will be plentiful supplies of hydrogen to fuel the refineries and petrochemical plants along the Texas and Louisiana coasts.

The pipeline adds resilience to the regional distribution network. If a severe event (such as a hurricane) disrupts operations on one side of the Gulf, hydrogen can keep flowing from the other side, without any supply interruption to customers. Strengthened by this added capacity and reliability, Air Products' hydrogen pipeline supply network will stretch from the Houston Ship Channel in Texas to New Orleans, creating the world's largest hydrogen distribution network.

The judges noted that the Air Products project team had to overcome daunting challenges to achieve its goal. Complying with environmental regulations was vital, given that the pipeline route goes through many sensitive wetland areas.

Grand scale projects require vast ambitions and impressive technical skill, and fulfilling the Air Products hydrogen pipeline initiative brought together an impressive array of engineering talent, financial resourcefulness and construction acumen. The result will be a more resilient hydrogen distribution system, fueling the success of today's Gulf Coast refineries and inviting a further expansion of the region's thriving petrochemical industry.