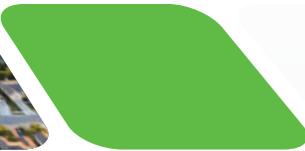


# 2012

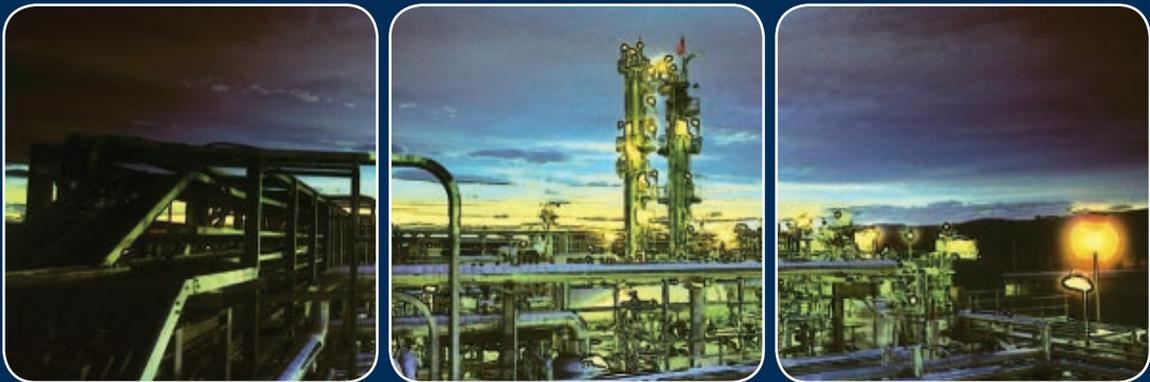
## The Year in **Infrastructure**

The Extraordinary Infrastructure Projects of the 2012 *Be Inspired Awards*



**Bentley**<sup>®</sup>  
Sustaining Infrastructure





## Innovation in Process Manufacturing

This category covers a wide range of industries including upstream and downstream oil and gas facilities, petrochemical and chemical complexes, pharmaceutical and manufacturing plants, and more. For greenfield plants and retrofits to existing plants, safety and environmental concerns are at the top of the priority list, and the management of engineering information and innovative use of technology are critical to achieving project success and process improvements.

## INNOVATION IN PROCESS MANUFACTURING

Zeton Inc.

**Modular GTL Commercial Demonstration Plant**

Aracaju, Brazil

**WINNER**



Zeton designed and built the world's first modular gas-to-liquids (GTL) commercial demonstration plant using Compact GTL's mini-channel reactor technology. The USD 20 million plant incorporated all aspects required for commercial application in treating gas at remote and offshore oil fields. Access to a real-time 3D model during fabrication improved accuracy and reduced rework.

AutoPLANT provided the robust 3D plant modeling solution required to scale GTL technology from pilot to commercial and allowed team members on four continents to work together to resolve issues related to design of a compact, modular GTL plant. In addition to AutoPLANT, the 3D design was completed using ISOGEN for isometric piping drawings, AutoPIPE for pipe stress analysis, and ProStructures for structural steel design.