

Professional Services

Process Consulting—Exploration & Production



COMPANY	COUNTRY	PROCESS	INDUSTRY TYPE	TYPE OF PROJECT	STUDY YEAR
NTNU	Norway	Gas Compression	Oil & Gas	Compressor Study	2016
Elliott Ebara	Japan	Wet and Residue Gas Compressors	Refining	Compressor Study	2016
Elliott Ebara	Japan	RFCC Compressors	Refining	Compressor Studies for Cilacap	2015
Elliott Ebara	Japan	Ethylene & Propylene Refrigeration	Chemicals	Compressor Studies for Reliance	2015
Kobe Steel	Japan	Fuel Gas	Utilities	Compressor Study	2015
Hitachi	Japan	Jazan Refinery	Refining	Compressor Study for Saudi Aramco	2015
Hitachi	Japan	Jazan Refinery	Utilities	Steam System Study for Saudi Aramco	2015
Owens Corning	USA	Wash Water	Utilities	Wash Water dynamic study for Fiberglass process	2015
Flint Hills	USA	PSA	Chemicals	Mole Sieve ethanol PSA adsorption Modeling project	2015
Elliott Ebara	Japan	Refining Project	Refining	Compressor Dynamic Study	2014
Elliott Ebara	Japan	Wet Gas & Fuel Gas Compressors	Refining	Compressor Dynamic Study	2014
Elliott Ebara	Japan	Refinery Project	Refining	KNPC Clean Fuels Compressors	2014
Peru LNG	Peru	LNG Plant	E&P	Plant problem solving study	2013
Kobe Steel	Japan	Steel Plant	Metals	Compressor study for JFE steel	2013
Elliott Ebara	Japan	PX project	Aromatics	Compressor studies for Ulsan Aromatics and SK Energy	2013
Elliott Ebara	Japan	Isocyanates Plant	Chemicals	Compressor study for SADARA Chemicals Company	2013
Cairn Energy	India	Upstream Processing Facility	E&P	Build Dynamic Model	2012
Elliott Ebara	Japan	Refinery compression	E&P	Dynamic study for Satorp, Jubail	2012
Elliott Ebara	Japan	Gas compression	E&P	Dynamic study for Satorp, Jubail Export project	2012
Elliott Ebara	Japan	Refinery compression	E&P	Dynamic study for PT Pertamina RFCC project	
Elliott Ebara	Japan	Refrigeration	E&P	Dynamic study for Takreer, Abu Dhabi	2012
PBG	Poland	Oil production (full asset)	E&P	Production optimizer	2011
ConocoPhillips	US	Nitrogen rejection unit	E&P	Dynamic model	2011

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TOTAL	France	Gas production (compression)	E&P	HYSYS model and time series auditing tool	2011
BP	UK	Gas and oil production	E&P	HYSYS modeling best practices for E&P	2011
Technip	France	Gas fractionation and LNG plant	E&P	FEED dynamic study	2010
FWEL	UK	LNG MR compressors anti surge valve sizing	E&P	Detailed dynamic model	2010
ConocoPhillips	Norway	Gas and oil production	E&P	Well allocation and long-term production forecasting tool	2010
TOTAL	France	Gas production (compression)	E&P	HYSYS model troubleshooting tool	2010
Technip	France	LNG Plant	E&P	FEED dynamic study	2009
Repsol	Spain	C3= Splitter La Coruna	Refining	Dynamic model	2009
BPT	Norway	Gas and oil production	E&P	Excel front-end for offline monitoring	2009
Nuovo Pignone	Italy	ADGAS compression station	E&P	Detailed dynamic study	2008
Foster Wheeler	UK	Pluto LNG station flare system	E&P	Detailed dynamic study	2008
PTT-EP	Thailand	Gas production (full asset)	E&P	Production optimizer	2008
Sasol	Mozambique	Gas and oil production	E&P	Online production monitoring	2008
BP	Azerbaiyan	Oil production (full asset)	E&P	Production optimizer	2007
BP	Trinidad	Gas production (full asset)	E&P	Production optimizer	2007
Daewoo	Korea	Gas production (pipelines)	E&P	Dynamic study	2006
Norsk Hydro ASA	Norway	Gas and oil production	E&P	Brage HYSYS model	2006
ConocoPhillips	Norway	Gas and oil production	E&P	Ekofisk production model	2006
Shell	UK	Gas production (compression)	E&P	Monitoring and planning tool	2005
PetroCanada	Netherlands	Gas production (platform)	E&P	HYSYS model	2004
Shell	Netherlands	Gas and oil production	E&P	HYSYS Extensions - Property package	2003
Shell	Netherlands	Gas and oil production	E&P	HYSYS Extensions - C7+ characterisation module	2003
Shell	Netherlands	Gas production (pipelines)	E&P	Pipelines management system	2003
AGIP	Italy	Underground gas storage	E&P	HYSYS Extensions - Reservoir model	2003
ENI	Italy	Gas and oil production	E&P	HYSYS Extensions - Gas turbines model	2003
Internal		Ammonia plants	Chemicals	HYSYS Extensions - Syntex reactors	2003
AGIP	Italy	Gas and oil production	E&P	Online production monitoring	2002
Internal				HYSYS Extensions - PVTsim integration	2002
Shell	Netherlands	Gas and oil production	E&P	HYSYS Extensions - Dynamic pipeline model	2001
SABIC	Saudi Arabia	Production of acetic acid	Chemicals	HYSYS Extensions - Reactor model	2001

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BP	UK	Hydrotreater	Refining	HYSYS Extensions - Reactor	2001
Linde	Germany	Speciality gases	Chemicals	HYSYS Extensions - Mass balance audit tool	2001
Linde	Germany	Speciality gases	Chemicals	HYSYS Extensions - Property package	1999
BP	UK	Oil production	Refining	HYSYS Extensions - Oil characterization and reporting	1998
Internal				HYSYS Extensions - HTFS Exchangers integration	1997
Internal				ProII Reader	1996
Internal				HYSYS Extensions - HTRI Exchangers integration	1996
EU			EU-sponsored projects	POEM, Stophaz, Cape-Open and Global Cape-Open	1996-2000