



Supply lessons
follow tsunami
SUPPLEMENT P32

NEW PROJECTS AND PERMANENT PLANT SHUTDOWNS

MARCH 19-26, 2012

NEW PROJECTS								
Company	Location	Product	Capacity*	Process	Contractor	Cost	Start-up	Status
AdePlast	Roman, Romania	expandable polystyrene (EPS)	500,000 cbm/year	-	-	part of €10m	-	P
Aither Chemicals/ Renewable Manufacturing Gateway	Appalachia, US	ethane cracker	-	shale gas	-	\$750m	-	S
Baling Petrochemical	Fujian, China	caprolactam (capro)	200,000	-	-	\$633m	2013	P
Celanese	Nanjing, China	ethanol	260,000	TCX technology	-	-	mid 2013	A
Chevron Phillips Chemical	Old Ocean, Texas, US	natural gas liquids (NGL)	(x)22,000 bbl/day; 138,000 bbl/dayT	-	-	-	February 2013	P
Enterprise Products	Mont Belvieu, Houston, Texas, US	NGL	2 each of 75,000 bbl/day	-	-	-	Q4 2013	P
Evonik Industries	Shanghai, China	organics	80,000	-	-	-	-	P
Jiaxing Petrochemical	Jiaxing, Zhejiang, China	purified terephthalic acid (PTA)	2 x 750,000	-	-	-	June 2012	U
Jizhong Energy Jingxing Mining Group	Shijiazhuang, Hebei, China	natural gas	30m cbm/year	coke gas feedstock	-	-	November 2012	U
Korea Engineering Plastics	Ulsan, South Korea	polyacetal (POM)	35,000	-	-	-	Q1 2014	P
SanKeshu Coating	Putian, Fujian, China	waterborne coatings	500,000	-	-	\$71m	end 2012	U
Saudi Aramco Total Refining and Petrochemical (Satorp)	Jubail, Saudi Arabia	paraxylene (PX)	700,000	-	-	part of \$13bn	Q2 2013	U
		benzene	140,000	-	-	part of \$13bn	Q2 2013	U
		polymer-grade propylene	200,000	-	-	part of \$13bn	Q2 2013	U
Shanghai Chlor-Alkali Chemical Co	Caojing, China	caustic soda	(x)180,000dmT/year; 720,000dmT/year	-	-	-	April 2012	U
		ethylene dichloride	(x)360,000; 720,000T	-	-	-	April 2012	U
Thai Polyacetal Co (TPAC)	Map Ta Phut, Rayong, Thailand	polyacetal (POM)	(x)45,000; 100,000T	-	-	-	Q2 2013	U
Tongkun Group	Huzhou, Zhejiang, China	polyester yarn	2 x 400,000	-	-	-	end 2012	U
Yanbu Aramco Sinopec Refining (Yasref)	Yanbu, Saudi Arabia	refinery	400,000 bbl/day	UOP, Chevron Lummus, ConocoPhillips	-	-	September 2014	P
Zanyang CBM	Jinzhong, Shanxi, China	liquefied natural gas (LNG)	20,000	-	-	-	August 2012	U
Zhejiang Huafon Spandex	Liaoning, China	crude benzene	230,000	-	-	part of \$79m	September 2013	U
		cyclohexanone	120,000	-	-	part of \$79m	September 2013	U
PERMANENT PLANT SHUTDOWNS								
Company	Location	Product	Capacity	Process	Contractor	Cost	Shutdown	
INEOS Styrenics	Marl, Germany	polystyrene (PS)	180,000				end 2012	
	Marl, Germany	styrene monomer (SM)	350,000				end 2012	

Notes: *Capacity: figures given in tonnes/year; tonnes/day are converted by multiplying by 330. (x) = expansion; T = total capacity including expansion.
Start-up: Dates given are for planned start-up. H1 = 1st half year; H2 = 2nd half year; Q1 = 1st quarter; Q2 = 2nd quarter; Q3 = 3rd quarter; Q4 = 4th quarter.
Status: S = study; P = planned; A = approval; E = engineering; U = under construction; C = completed; D = delayed.