



A bright future - for
those who can wait
MARKET OUTLOOK P26

NEW PROJECTS AND PERMANENT PLANT SHUTDOWNS 20-30 APRIL 2013

NEW PROJECTS								
Company	Location	Product	Capacity*	Process	Contractor	Cost	Start-up	Status
China National Offshore Oil Corp (CNOOC)	Putian, Fujian, China	butyl rubber	50,000					S
Chongqing Kabeile	Chongqing, China	methanol	850,000	Mitsubishi Gas Chemical			Apr 2013	C
Dragon Aromatics	Gulei, Fujian, China	benzene	228,000				Apr 2013	C
		ortho-xylene (OX)	160,000				Apr 2013	C
		para-xylene (PX)	800,000				Apr 2013	C
DSM Nanjing Chemical Co (DNCC)	Nanjing, Jiangsu, China	caprolactam (capro)	(x) 200,000; 400,000T			\$300m	Q3 2013	P
DuPont Danisco Cellulosic Ethanol	Nevada, Iowa, US	ethanol	90,800		KBR	\$200m	mid-2014	U
Eti Soda	Beyazari, Ankara, Turkey	soda ash	(x) 700,000; 1.7mT				Apr 2014	U
Far East Petrochemical Co (FEPCO)	Nakhodka City District, Russia	ethylene	1.35m				2017	P
		propylene	650,000				2017	P
Hubei Chemical Fertilizer	Zhijiang, Hebei, China	monoethylene glycol (MEG)	200,000			yuan (CNY) 1.99bn	end-2013	U
Hubei Sanning Chemical	Zhijiang, Hubei, China	capro	100,000			CNY4bn	Jun 2013	U
LG Chem	Daesan, South Korea	ethylene vinyl acetate (EVA) copolymer	140,000				Nov 2013	P
Methanex	Geismar, Louisiana, US	methanol	1m			\$550m	early 2016	U
Nippon Shokubai	Cilegon, Indonesia	acrylic acid	80,000			\$300m	Aug 2013	U
		superabsorbent polymer (SAP)	90,000				Aug 2013	U
	Zhangjiagang, Jiangsu, Japan	SAP	30,000				H1 2014	U
POET/DSM Advanced Biofuels	Emmetsburg, Iowa, US	ethanol	61,000				H2 2013	E
PTT Asahi Chemical	Map Ta Phut, Rayong, Thailand	polymethyl methacrylate (PMMA)	40,000				2015	P
Sahara & Ma'aden Petrochemicals	Jubail, Saudi Arabia	caustic soda	250,000	Uhde	Daelim		Apr 2013	C
		chlorine	227,000	Uhde	Daelim		Apr 2013	C
Shandong Hongye Chemical	Yuncheng, Shandong, China	adipic acid (ADA)	140,000				Jun 2013	U
Shijiazhuang Chemical & Chemical Fiber	Shijiazhuang, Hebei, China	capro	200,000				H2 2013	P
Siam Cement	Map Ta Phut, Rayong, Thailand	low density polyethylene (LDPE)	(x) 60,000; 152,000T				2016	P
Tasnee/Sahara Petrochemical	Al Jubail, Saudi Arabia	butyl acrylate (butyl-A)	160,000		Linde Arabian Contractors/ Samsung Engineering		Jul 2013	U
Xianglu Petrochemicals	Zhangzhou, Fujian, China	purified terephthalic acid (PTA)	4.5m				Q3 2013	U
Zhejiang Shuyang Chemical	Quzhou, Zhejiang, China	ADA	80,000				end-May 2013	D

PERMANENT PLANT SHUTDOWNS								
Company	Location	Product	Capacity	Process	Contractor	Cost	Shutdown	
Cabot	Port Dickson, Malaysia	carbon black					Jul 2013	

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.