

Projects announced in the last 90 days							
Company	Location	Region	Product	Capacity (m.t.)	Investment (millions of USD)	Completion date	Contractor/technology
Air Liquide	Dalateqi, China	Asia	oxygen	2700	64.9	Q2 2018	
Hebei Haiwei Group	Jingxian, China	Asia	polypropylene				CB&I
Hengli Petrochemical	Changxing Island, China	Asia	para-xylene				Axens
Hengli Petrochemical	Dailian, China	Asia	propylene, isobutylene				CB&I
Hyosung	Quzhou, China	Asia	nitrogen trifluoride		165.600	2H 2017	
Hyundai Chemical	Daesan, South Korea	Asia	mixed xylenes				UOP
Idemitsu Kosan	Chiba, Japan	Asia	syndiotactic polystyrene	2,000		by April	
Perstorp	India	Asia	pentaerythritol				
SP Chemicals	Taixing, Singapore	Asia	ethylene	650,000			
Supreme Petrochem	Amdoshi, India	Asia	styrene methyl methacrylate	4250	.89	year-end 2016	
Taiwan-Japan Oxo Chemical Industries	Kaohsiung, Taiwan	Asia	isononyl alcohol	80,000	4.3.6	2017	Axens
Chemtura	Latina, Italy	Europe	alkylated diphenyl amine antioxidants			by end of 2016	
Covestro	Dormagen, Germany	Europe	polycarbonate film		21.6	2017	
Evonik	Schörrling, Austria	Europe	hollow fiber membrane				
Evonik	Marl, Germany	Europe	nylon-12 powders		mid double-digit euros	late 2017	
Momentive Performance Materials	Leverkusen, Germany	Europe	silanes		30	late 2017	
Neolyse Ibbenbüren	Ibbenbüren, Germany	Europe	chlorine, caustic potash			Q4 2017	Chemieanlagenbau Chemnitz
Ammoni	Mendeleevsk, Russia	Europe	ammonia, methanol			late 2017	
Badr-e-Shargh Petrochemical	Shabaha, Iran	Mideast	methanol				Haldor Topsoe
Persian Gulf Petrochemical Industries	Iran	Mideast	refineries and petrochemical plants		1,120		
Saudi Kayan	Jubail, Saudi Arabia	Mideast	ethylene	93000		H2 2017	CTCI Corp.
Shaikh Hilal bin Khalid Al Mawali, Shora Agrichem Private	Duqm, Oman	Mideast	sebacic acid	30,000	62.7		
Ajinomoto	Eddyvill, IA, USA	North America	tryptophan	3,000		May 2017	
Altivia	La Port, TX, USA	North America	chloroacetyl chloride				
Axiall/Lotte Chemical	Lake Charles, LA, USA	North America	ethylene			early 2019	CB&I
Celanese	Bishop, TX, USA	North America	ultra-high molecular weight polyethylene			May 2016	
Chemours	Ingleside, TX, USA	North America	hydrofluoroolefin, HFO-1234yf		178	Q3 2018	
Grannus	Kern County, CA, USA	North America	ammonia			Q4 2017	Amec Foster Wheeler
Lotte Chemical	Lake Charles, LA, USA	North America	ethylene glycol		800		Samsung Engineering, CB&I
Praxair-GE Aviation	southeast United States	North America	surface coatings			Q2 2016	
Westlake Chemical Partners	Calvert City, KY, USA	North America	ethylene			1H 2017	
Air Liquide	Tocancipá, Columbia	South America	carbon dioxide		43.5	late 2016	

Analysis:

Low energy and chemical prices are taking their toll on petrochemical investment projects in the United States. The latest casualties are Sasol's (Johannesburg) ethylene and derivatives project at Lake Charles, LA, parts of which will be completed later than originally scheduled, and Valero Energy's (San Antonio) \$700-million methanol project at St. Charles, LA, which has been shelved indefinitely. Sasol said on 7 March that in the "lower-for-much-longer" oil price scenario, the company is re-phasing certain projects to conserve cash. It is carrying out a detailed review of the Lake Charles project, which is due to be completed by mid-2016. Valero has shelved indefinitely its 1.6-million m.t./year methanol project. The company declines to provide reasons for the decision but according to industry speculation, Valero abandoned the plan because of the declining price of methanol and the company's inability to find a partner for the project. BASF also said recently that it is reassessing its major methanol-to-propylene (MTP) project at Freeport, TX