

Industry to Invest Over \$110 Billion In Manufacturing Renaissance

Chemicals and Fertilizer				
	Company	Location	Date Online	Project Type
1	Dow	St. Charles, LA	2012	Ethylene Restart
2	Dow	Freeport, TX	2017	New Ethylene
3	Westlake	Lake Charles, LA	2012	Ethylene Expansion
4	Williams Olefins	Geismar, LA	2013	Ethylene Expansion
5	INEOS	Chocolate Bayou, TX	2013	Ethylene Debottleneck
6	LyondellBasell	Laporte, TX	2014	Ethylene Expansion
7	Westlake	Lake Charles, LA	2014	Ethylene Expansion
8	Aither Chemicals	WV or PA or OH	2016	New Ethylene
9	Exxon Mobil	Baytown, TX	2016	New Ethylene
10	Chevron Phillips	Baytown, TX	2017	New Ethylene
11	Formosa	Point Comfort, TX	2017	New Ethylene
12	Braskem	WV	2017	New Ethylene
13	Sasol	Lake Charles, LA	2018	New Ethylene
14	Shell	PA	2018	New Ethylene
15	Eastman	Longview, TX	2012	Ethylene/Polypropylene Expansion
16	Indorama	Under Consideration	2018	New Ethylene
17	LyondellBasell	Channievew, TX	NA	Ethylene Expansion
18	Sabco	Under Consideration	NA	New Ethylene
19	Occidental/Mexichem JV	Ingleside, TX	2016	New Ethylene
20	PTT Global Chemical	Under Consideration	NA	New Ethylene
21	Hanwha Chemical	Under Consideration	NA	New Ethylene
22	Orascom Construction	Beaumont, TX	2011	Ammonia Restart
23	Orascom Construction	Beumont, TX	2012	Methanol Restart
24	Orascom Construction	Lee County, IA	2015	New Fertilizer
25	Potash Corp	Geismar, LA	2013	Ammonia Restart
26	Potash Corp	Augusta, GA	2013	Ammonia Expansion
27	Rentech Nitrogen	East Dubuque, IL	2013	Ammonia Expansion
28	Austin Powder	Mosheim, TN	2014	Ammonia Expansion
29	LyondellBasell	Channelvew, TX	2014	Methanol Restart
30	Methanex	Geismar, LA	2015	Methanol Migration
31	CF Industries	Donaldsonville, LA	2015	Ammonia Expansion
32	CF Industries	Port Neal, IA	2015	Ammonia Expansion
33	Incitec Pivot	Under Consideration	NA	Ammonia Migration
34	Koch Fertilizer	Various	NA	Ammonia Expansion
35	LSB Industries	Pryor, OK	NA	Ammonia Restart
36	Dyno Nobel	Waggaman, LA	2015	New Ammonia
37	Celanese	Clear Lake, TX	2015	New Methanol
38	CHS Inc.	ND	2016	New Ammonia
39	Agrium	Under Consideration	2017	New Fertilizer
40	Dakota Gas	Beulah, ND	2016	New Fertilizer
41	ND Corn Growers Association	ND	NA	New Fertilizer
42	Ohio Valley Resources	Rockport, IN	2016	New Ammonia
43	Mosaic	St. James Parish, LA	2016	Ammonia Expansion
44	Dow	Freeport, TX	2015	New Propylene
45	Dow	Freeport, TX	2018	New Propylene
46	Eastman	Under Consideration	2015	New Propylene
47	Formosa	Point Comfort, LA	2016	New Propylene
48	LyondellBasell	Channelvew, TX	2014	New Propylene
49	Mitsui	Ohio	2012	Propylene Expansion
50	Enterprise	Mont Belvieu, TX	2013	Propylene Expansion
51	Enterprise	Mont Belvieu, TX	2015	New Propylene
52	Exxon Mobil	Baytown, TX	2016	2 New Polyethylenes
53	Chevron Phillips	Old Ocean, TX	2017	2 New Polyethylenes
54	Eastman	Longview, TX	2012	EthylHexanol Expansion
55	Chevron Phillips	Baytown, TX	2014	New Hexene
56	Huntsman Chemical	McIntosh, AL	NA	Epoxy Expansion
57	INEOS	Gulf Coast	NA	Ethylene oxide
58	Kuraray	Pasadena, CA	2014	EVOH Expansion
59	Lanxness	Orange, TX	NA	Nd-PBR
60	Lubrizol	Deer Park, TX	2015	Plastic Resins

61	Honeywell Specialty materials	Mobile, AL	2012	Adsorbents, Catalysts
62	Westlake	Geismar, LA	2013	New Chlor-Alkali
63	Dow-Mitsui JV	Freeport, TX	2013	New Chlor Alkali
64	Molycorp	Mountain Pass, CA	NA	New Chlor-Alkali and rare earth metals mining
65	Formosa	Point Comfort, TX	2012	Chlorine/Caustic Soda
66	Formosa	Point Comfort, TX	2012	Ethylene Dichloride
67	Shintech	Plaquemine, LA	2012	VCM
68	Shintech	Plaquemine, LA	2012	Chlorine/Caustic Soda
69	Shintech	Plaquemine, LA	2012	PVC
70	Occidental	Jacksonville, TN	2013	Chlorine and Caustic Soda
71	Dow Agrosciences	Freeport, TX	NA	Herbicide
72	Mitsubishi Chemical Holdings Corp.	Freeport, TX	2017	Acrylic Resin
73	South Louisiana Methanol	St. James Parish, LA	2016	New Methanol
74	Ascend Performance Materials	Alvin, TX	2015	New Propane Dehydrogenation
75	Indemitsu / Mitsui	Freeport, TX	2016	Alpha Olefins
76	BASF	Geismar, LA	2014	New Formic Acid
77	Inotec Pivot	Waggaman, LA	2016	New Fertilizer
78	Eastman	Kingsport, TN	2013-2020	Multiple Expansions
79	G2X Energy	Pampa, TX	2014	New Methanol
80	Northern Plains Nitrogen	Grand Forks, ND	2017	Fertilizer / Urea
81	Cronus Chemicals	Under Consideration	NA	New Ammonia
82	Appalachian Resins	Marshall County, WV	2015	New Polyethylene
83	Petrologistics	Houston, TX	2016	Propylene Expansion
84	Linde	La Porte, TX	2015	Gasification and Air Separation Units
Steel & Aluminum				
85	Alcoa	Upper Burrell, PA	2012	Expansion
86	Alcoa	Lafayette, Indiana	2014	New
87	Alcoa	Davenport, IA	2013	Expansion
88	ArcelorMittal	Cleveland, OH	2012	Expansion
89	Carpenter Technology	Reading, PA	NA	Expansion
90	Carpenter Technology	Limestone County, AL	2013	New
91	Coilplus	North Carolina	2014	Expansion
92	Essar Steel	Nashauk, MN	2015	New
93	Gerdau	St. Paul, MN	2014	New
94	Nucor	Blytheville, AK	2014	Expansion
95	Timken	Canton, OH	2014	Expansions
96	United States Steel	Lorain, OH	Completed 10/12	Expansions
97	United States Steel	Leipsic, OH	NA	New Steel
98	Metal-Matic	Middleton, OH	2012	Expansion
99	Vallourec and Mannesmann	Youngstown, OH	NA	New
100	Welspun	Little Rock, AK	NA	Expansion
101	Nucor	St. James Parish, LA	2013	New
102	Voestalpine	Under Consideration	NA	New
103	Borusan Mannesman	Under Consideration	2014	New
Tires				
104	Bridgestone	Aiken, SC	2014	New off-road radial tire / expansion passenger/light truck tire
105	Continental	Sumter, SC	2013 start / 2021 full capac.	Passenger and light truck tires
106	Michelin	Anderson, SC	2015	Earthmover tires (OTR)
107	Bridgestone	Bloomington, IL	2013	OTR Tires
Plastics				
108	M&G Group	Corpus Christi, TX	NA	New PET Plant
109	M&G Group	Corpus Christi, TX	NA	New PTA Plant
110	Huntington Foam	Greenville, MI	NA	Expansion
111	JM Eagle	Sunnyside, WA and Meadville, PA	NA	Polyethylene expansion
112	Springfield Plastics	Auburn, IL	2012	Polyethylene expansion
113	Kyowa America	Portland, TN	NA	Plastic Injection Molding
114	Lanxess	Gastonia, NC	Opened 9/12	Plastic

Natural Gas to Liquids				
115	Shell	LA or TX	NA	New
116	Sasol	LA	2018	New
117	Calumet Specialty Products Partners	Karns City, PA	2014	New
118	G2X Energy	Lake Charles, LA	2017	New
Glass				
119	Sage	Fairbault, MN	Opened 9/12	Dynamic; Electrochromic Glass
Transportation & Transportation Equipment				
120	Caterpillar	Athens, GA	NA	Tractors and Excavators
121	Airbus	Mobile, AL	2015	Airplanes
122	Honda Motor Co.	Anna, OH	2012	Advanced Transmission Components
Packaging				
123	Abbott Laboratories	Tipp City, OH	2013	Aseptic Packages
Current as of May 2013				