

Selected Investments in the Chemical Industry in Germany

December 08, 2020

Start-up	Company, Location	Chemical	New capacity or expansion (+) in tonnes/year	Investment
2022	BASF, Schwarzheide	Cathode material for lithium-ion batteries	To equip 400,000 fully electric vehicles	€400m (estimated)
2022	UPM, Leuna	Biorefinery based on beech wood for the production of ethylene glycol (BioMEG), propylene glycol (BioPEG) and industrial sugar	220,000	€550m
2021	BASF, Ludwigshafen	Methanesulfonic acid (Lutropur®)	+65% in Ludwigshafen up to global capacity of 50,000	double-digit million € amount
2021	Ineos, Marl	Cumene	750,000	three-digit million € amount
2021	BASF, Ludwigshafen	1,6-Hexandiole (HDO)	+50% in Ludwigshafen up to global capacity of 70,000	NA
2021	Evonik, Marl	Polyamid 12 (VESTAMID®)	+50%	€400m
2020	Ciech, Staßfurt	Sodium hydrogen carbonate	110,000	€109m
2020	Evonik, Rheinfelden	Hydrophobic pyrogenic silica	+20%	double-digit million € amount
2020	BASF, Ludwigshafen	Vitamin A	+1,500 (+25%) up to global capacity of 7,500	NA
2020	Celanese, Höchst	Polyoxymethylene (POM)	+20,000	NA
2020	Nouryon, Höchst	Chlormethane	+30%	NA
2020	Grace, Worms	Colloidal silica (LUDOX®)	Capacity expansion	€80m
2020	BASF, Ludwigshafen	Alkylethanolamine	+20% in Ludwigshafen up to global capacity of 110,000	NA
2020	Clariant, Gendorf	Ethylene oxide	Capacity expansion	NA
2020	Covestro, Brunsbüttel	Methyl di-p-phenylene isocyanate (MDI)	+220,000 to 420,000	€120m
2020	DOW, Bitterfeld und Bomlitz	Methylcellulose	+19,000 at the two sites	NA
2020	Lanxess, Krefeld-Uerdingen	Benzyl alcohol	+30%	double-digit million € amount
2019	BASF, Ludwigshafen	Acetylene	90,000	three-digit million € amount
2019	CABB, Gersthofen und Hürth	Chloracetic acid	Capacity expansion	double-digit million € amount
2019	Alzchem, Trostberg	Nitriles	Capacity expansion	€7.2m

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2019	Lanxess, Krefeld-Uerdingen	Compounds of polyamide (Durethan®) and polybutylene terephthalate (Pocan®)	Capacity expansion	double-digit million € amount
2019	Perstorp, Arnsberg	Pentaerythritol	+12,5%	NA
2019	Arlanxeo, Dormagen	Chloroprene rubber	+70,000	NA
2018	BASF, Ludwigshafen	Neopor® (expandable polystyrene (EPS) with graphite particles)	+40,000 at the two sites Ludwigshafen and Ulsan (Korea)	NA
2018	Lanxess, Krefeld-Uerdingen	Zinc oxide	Capacity expansion through a 3rd production line	€9m
2018	Momentive Performance Materials, Leverkusen	3-Octanoylthio-1-propyltriethoxysilane (NXT-Silan)	Doubling of capacity	€32m
2018	Domo und Total, Leuna	Benzene extraction and further processing		€60m
2018	Evonik, Witten	special copolyester, DYNAPOL®	several thousand	double-digit million amount
2018	Sasol, Brunsbüttel	Aluminium hydroxide	+15,000	NA
2018	Evonik, Marl	polyamide 12-powder (VESTOSINT®)	Capacity expansion by 50%	double-digit million amount
2018	Evonik, Nouryon	Chlor-alkali electrolysis	82,000 chlorine and 130,000 potassium hydroxide	NA
2017	Leuna-Harze, Leuna	Bisphenol A and Bisphenol F liquid epoxy resins	+30,000 to 70,000	€45m
2017	BASF, Schwarzheide	Ultramid (PA: polyamide) and Ultradur (PBT: polybutylene terephthalate)	+70,000 up to a global capacity of 700,000	NA
2017	CRI Catalyst, Leuna	Catalysts	+3,000	€30m
2017	Bayer CropScience, Hürth	Methane-phosphonic acid butyl ester	NA	€150m
2015	BASF, Ludwigshafen	Toluene di-isocyanate (TDI)	300,000	€1bn
2015	BASF, Ludwigshafen	World-scale plant for specialty amines, primarily dimethylaminopropylamine (DMAPA) and polyetheramines (PEA)	12,000	NA
2015	Evonik, Marl	But-1-ene	+ 75,000 up to global capacity of 310,000	€100m+
2015	BASF, Ludwigshafen	Complexing agent methylglycinediacetic acid (Trilon M)	Capacity expansion to a global capacity of 170,000	NA
2014	Bayer, Dormagen	Toluene di-isocyanate (TDI)	300,000	€150m
2014	BASF, Ludwigshafen	Vinylformamide (VFA)	Capacity expansion	€100m+
2014	Evonik, Marl	Liquid hydroxyl terminated polybutadiene (HTBP)	+ 10,000 to 22,000	€50m+

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2014	Hi-Bis, Bitterfeld	1,1-Bis-(4-hydroxyphenyl)-3,3,5-trimethylcyclohexane, Bisphenol-TMC, Raw material for Apec from Bayer MaterialScience	+ 5,000 to 10,000	€50m
2014	Mitsubishi Plastics, Wiesbaden	Alumina composite material (AlpollicTM)	1,5 Mio. sqm	€17m
2014	Air Liquide, Dormagen	Steamreformer to produce crack gas from natural gas	120,000 CO and 22,000 H ₂	€100m
2013	AkzoNobel, Höchst	Chlor-alkali electrolysis	+ 165,000 to 250,000 chlorine and 275,000 sodium hydroxide	€140m
2013	Lanxess, Leverkusen	Cresols	+20%	€35m
2013	Covestro, Leverkusen	1,6-Hexamethylene diisocyanate (HDI) and isophorone diisocyanate (IPDI)	Capacity expansion	€35m
2013	BASF, Ludwigshafen	Neopor expandable polystyrene (EPS)	+60,000 to 150,000	NA
2013	Evonik, Marl	Diisononyl cyclohexane-1,2-dicarboxylate	40,000	double-digit million € amount
2013	Radici, Zeitz	Hexanedioic acid	+ 16,000 to 107,000	€18m
2013	LyondellBasell, Wesseling	Butadiene	+40% to 240,000	NA
2013	Lanxess, Dormagen	Ethylene vinyl acetate (EVA) copolymers	+30% to 15,000	NA
2013	DOMO Caproleuna, Leuna	Polyamide 6	50,000	€30m
2013	Kuraray, Höchst	Polyvinyl alcohol (PVA)	+24,000 to 94,000	€58m
2012	BASF, Ludwigshafen	Cristallinic salt of Hexanedioic acid and Hexane-1,6-diamine, AH-salt	24,000	NA
2012	BASF, Ludwigshafen	Polycaprolactame, PA6, Ultramid® B	+21,000	NA
2012	Styron, Schkopau	Styrene butadiene rubber, S-SBR, Sprintan™	+50,000 to 160,000	€91m
2012	Vinnolit, Burghausen	Paste PVC	+9,000 to 100,000	€9m
2012	Clariant, Hürth	Diethyl phosphinic acid aluminate salts, DEPAL, Exolit® OP	Doubling of capacity	CHF tens of millions
2012	BASF, Ludwigshafen	Methane sulfonic acid, Lutropur®	+10,000 to 30,000	NA

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2012	Clariant, Straubing	Cellulosic ethanol via biocatalysis	1,000 tonnes ethanol from 4,500 tonnes straw wheat	€28m
2012	Sasol, Brunsbüttel	Triethylaluminium, TEA	6,000	NA
2012	LEUNA-Harze, Leuna	Chlor-Alkali-Elektrolyse und epichlorhydrin production	15,000 chlorine	€70m
2012	Wacker, Nünchritz	Polycrystalline silicium	15,000	NA
2012	Lanxess, Krefeld-Uerdingen	Formaline (32%)	150,000	€18m
2012	Dyneon, Gendorf	New production line for fluoropolymers	NA	60€m
2011	IAB, Bitterfeld	Lewabrane®	NA	€30m
2011	OXEA, Oberhausen	2,2-Dimethyl-1,3-propanediol	Capacity expansion up to 45,000	NA
2011	BASF, Ludwigshafen	<i>Ecoflex</i> and <i>Ecovio</i> biopolymers	Ecoflex + 14,000 to 74,000	NA
2010	LyondellBasell, Münchmünster	High density polyethylene (HDPE)	320,000	NA
2010	BASF, Ludwigshafen	Low molecular weight polyisobutene (PIB)	+25,000 to 40,000	NA
2010	Covestro, Leverkusen	Pilot project for carbon nanotubes	200	€22m
2010	BASF, Ludwigshafen	Syngas	Expansion to around 1.4bn m ³	€100m
2009	Evonik, Marl	2-Propylheptan-1-ol (2-HP)	60.000	€100m