

REFERENCE LIST

FEBRUARY 2020

UREA TECHNOLOGY



LAUNCH

Developing your plant

Launch a new plant with all technologies, products and services needed for successful and profitable urea production.

ADVANCE

Optimizing your plant

Advance your plant performance with products and services to support and train plant staff and improve equipment and product quality.

EVOLVE

Upgrading your plant

Evolve our plant to the next level with revamp and debottlenecking to increase production capacity and reduce energy consumption.

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1. LAUNCH MELT™ – GRASS ROOT UREA MELT PLANTS

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Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Technology	Contractor
2019	3850	Talcher Fertilizers Limited	Talcher	India	LAUNCH MELT™ Pool Condenser Design	Wuhuan Engineering, China
2019	1050	NCIC (El Nasr Company for Intermediate Chemicals)	Ain El Sokhna	Egypt	LAUNCH MELT™ Pool Reactor Design	ThyssenKrupp Industrial Solutions, Germany
2019	2000	ShchekinoAzot	Pervomayskiy, Tula Region	Russia	LAUNCH MELT™ Pool Reactor Design	China National Chemical Engineering Co., Ltd. (CNCCC), China
2018	2334	Hubei Sanning Chemical Industrial Co.	Hubei, Sanning	China	LAUNCH MELT™ Ultra Low Energy Design	Wuhuan Engineering, China
2018	3900	Brunei Fertilizer Industries (BFI)	Sungai Liang Industrial Park (Spark)	Brunei	LAUNCH MELT™ Pool Condenser Design	ThyssenKrupp Industrial Solutions, Germany
2017	1500	Kuibyshev Azot	Togliatti	Russia	LAUNCH MELT™ Pool Reactor Design	Tecnimont, Italy
2017	200	Confidential Client			LAUNCH MELT™ Compact Design	
2017	2334	Jiujiang Xinlianxin Chemical Fertilizer Co.	Jiangxi, Jiujiang	China	LAUNCH MELT™ Ultra Low Energy Design	Hualu Engineering & Technology, China
2015	3250	Confidential Client			LAUNCH MELT™ Pool Condenser Design	
2014	2000	Confidential Client			LAUNCH MELT™ Pool Condenser Design	
2014	1500	Phosagro Cherepovets Azot	Cherepovets	Russia	LAUNCH MELT™ Pool Reactor Design	Chemoprojekt, Czech Republic
2014	1000	Dakota Gasification Company	North Dakota, Beulah	USA	LAUNCH MELT™ Pool Reactor Design	IHI, USA
2014	1800	Agrium	Texas, Borger	USA	LAUNCH MELT™ Pool Reactor Design	KBR, USA
2013	2000	The State Oil Company of Azerbaijan Republic (SOCAR)	Sumgayit	Azerbaijan	LAUNCH MELT™ Pool Reactor Design	Samsung Engineering, South Korea
2013	2860	Inner Mongolia Huajin Chemical Co.	Shuangtaizi District, Panjin City	China	LAUNCH MELT™ Pool Condenser Design	Wuhuan Engineering, China
2013	2200	Koch Nitrogen	Oklahoma, Enid	USA	LAUNCH MELT™ Pool Reactor Design	KBR, USA
2013	2200	OCI – Iowa Fertilizer Company (IFCo)	Iowa, Wever	USA	LAUNCH MELT™ Pool Reactor Design	ThyssenKrupp Uhde, Germany
2013	2700	Inner Linggu Chemical Industry Co.	Jiangsu, Yixing	China	LAUNCH MELT™ Pool Condenser Design	China Chengda Engineering, China
2012	2860	Erdos Chemical Industry Group wcompany	Inner Mongolia, Qi Pan Jing Ordos City	China	LAUNCH MELT™ Pool Condenser Design	China Chengda Engineering, China

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2012	3500	CF Industries	Iowa, Port Neal	USA	LAUNCH MELT™ Pool Condenser Design	ThyssenKrupp Uhde, Germany
2012	3500	CF Industries	Louisiana, Donaldsonville	USA	LAUNCH MELT™ Pool Condenser Design	ThyssenKrupp Uhde, Germany
2012	1760	Bangladesh Government (BCIC)	Fenchuganj, Sylhet	Bangladesh	LAUNCH MELT™ Pool Reactor Design	China Chengda Engineering, China
2011	3250	Pardis Petrochemical Company	Bandar Assaluyeh	Iran	LAUNCH MELT™ Pool Condenser Design	Iranian
2011	1575	Egyptian Chemical & Fertilizer Industries – KIMA	Aswan	Egypt	LAUNCH MELT™ Pool Reactor Design	Tecnimont, Italy
2011	1860	Hegang Huahe Coal Chemical Industry Co.	Heilongjiang, Hegang City	China	LAUNCH MELT™ Pool Reactor Design	Wuhuan Engineering, China
2010	2860	Inner Mongolia Bodashidi Chemical Co.	Inner Mongila, Industrial Zone Nalin river, Wushen	China	LAUNCH MELT™ Pool Condenser Design	Wuhuan Engineering, China (by Client)
2010	2700	Tierra Del Fuego Energia Y Quimica	Rio Grande	Argentina	LAUNCH MELT™ Compact Design	China Chengda Engineering, China
2010	3600	Petrobras	Tres Lagoas	Brazil	LAUNCH MELT™ Pool Condenser Design	KBR, USA
2010	1925	Turkmenhimiya State Concern	Mary City	Turkmenistan	LAUNCH MELT™ Pool Condenser Design	Kawasaki Plant Systems, Japan
2009	3500	Ruwais Fertilizer Industries	Abu Dhabi	United Arab Emirates	LAUNCH MELT™ Pool Condenser Design	Uhde, Germany
2009	1760	Shaanxi Shanhua Chemicals Fertilizer Co.	Shaanxi, Huaxian	China	LAUNCH MELT™ Pool Reactor Design	Hualu Engineering & Technology, China
2008	2200	Petroquímica de Venezuela (Pequiven)	Puerto Nutrias	Venezuela	LAUNCH MELT™ Pool Reactor Design	
2008	4400 (2 units)	Petroquímica de Venezuela (Pequiven)	Jose	Venezuela	LAUNCH MELT™ Pool Reactor Design	
2008	2860	Hulunbeier New Gold Chemical Co.	Inner Mongolia, Hulunbeier	China	LAUNCH MELT™ Pool Condenser Design	Wuhuan Engineering, China (by Client)
2008	3500	Yara	Sluiskil	Netherlands	LAUNCH MELT™ Pool Condenser Design	Uhde, Germany
2008	1500	Cherepovetsky Azot	Cherepovets	Russia	LAUNCH MELT™ Pool Reactor Design	Chemoprojekt, Czech Republic
2008	3250	Lordegan Urea fertilizer Co.	Lordegan	Iran	LAUNCH MELT™ Pool Condenser Design	Iranian (by NPC)
2008	3250	Golestan Petrochemical Company	Golestan	Iran	LAUNCH MELT™ Pool Condenser Design	Iranian (by NPC)

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2008	3250	Zanjan Industries Petrochemical Company	Zanjan	Iran	LAUNCH MELT™ Pool Condenser Design	Iranian (by NPC)
2007	3450	Sorfert	Arzew	Algeria	LAUNCH MELT™ Pool Condenser Design	Uhde, Germany
2007	4000 (2 units)	Egyptian Nitrogen Products Company (ENPC)	Damietta	Egypt	CO2 Stripping	Uhde, Germany
2007	2700	Jianfeng Chemicals	Chongqing, Fuling	China	LAUNCH MELT™ Pool Condenser Design	Chengda Engineering, China
2006	1500	Fatima	Fatima, Sadiqabad	Pakistan	LAUNCH MELT™ Pool Reactor Design	Kawasaki Plant Systems, Japan
2006	1925	Misr Oil Processing Company (MOPCO)	Suez	Egypt	CO2 Stripping	Uhde, Germany
2004	1925	Egypt Helwan Fertilizers	Helwan	Egypt	CO2 Stripping	Uhde, Germany
2004	3250	PIDMCO 2	Bandar Assaluyeh	Iran	LAUNCH MELT™ Pool Condenser Design	Chiyoda, Japan
2003	1925	Egyptian Fertilizer Company (EFC)	Ain Sukhna	Egypt	CO2 Stripping	Uhde, Germany
2003	1925	Alexandria Fertilizer Company (AlexFert)	Abu Qir	Egypt	CO2 Stripping	Uhde, Germany
2003	3250	Saudi Arabian Fertilizer Company (SAFCO)	Al Jubail	Saudi Arabia	LAUNCH MELT™ Pool Condenser Design	Uhde, Germany
2002	1050	Turkmenistan Fertilizers & Chemicals	Tejen	Turkmenistan	LAUNCH MELT™ Pool Reactor Design	Krupp Uhde, Germany
2002	2000	Kermanshah Petrochemical Company	Kermanshah	Iran	LAUNCH MELT™ Pool Condenser Design	MW Kellogg, UK
2001	2700	CNCCC, CNOOC, Zhonghai Petrochemical	Hainan, Dongfang	China	LAUNCH MELT™ Pool Condenser Design	Kellogg Brown & Root, USA
2001	3250	PIDMCO 1	Bandar Assaluyeh	Iran	LAUNCH MELT™ Pool Condenser Design	Chiyoda, Japan
2001	3200	Qatar Fertiliser Company (QAFCO)	Umm Said	Qatar	LAUNCH MELT™ Pool Condenser Design	Krupp Uhde, Germany
1998	1750	Egyptian Fertilizer Corporation (EFC)	Ain Sukhna	Egypt	CO2 Stripping	Krupp Uhde, Germany
1997	1800	Saudi Arabian Fertilizer Company (SAFCO)	Al-Jubail	Saudi Arabia	CO2 Stripping	Tecnimont, Italy
1997	1200	SPIC Fertilizers & Chemicals Company	Dubai	United Arab Emirates	CO2 Stripping	M.W. Kellogg, UK

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1997	1050	CNCCC, Zepu Petroleum Chemical Plant, Xinjiang Petroleum Adm. Bureau	Xinjiang, Zepu	China	LAUNCH MELT™ Pool Condenser Design	Krebs, France
1996	1150	DSM	Geleen	Netherlands	LAUNCH MELT™ Pool Reactor Design	Uhde, Germany
1996	1750	Abu Qir	Alexandria	Egypt	CO2 Stripping	Uhde, Germany
1996	1725	P.T. Pupuk Kalimantan	Bontang	Indonesia	CO2 Stripping	Chiyoda, Japan/Rekayasa, Indonesia
1995	1670	Fauji Fertilizer Company	Port Qasim	Pakistan	CO2 Stripping	Chemoprojekt, Czech Republic
1995	870	Heilongjiang Chemical Industry Corp.	Heilongjiang, Qiqihar	China	CO2 Stripping	China Wuhuan Chemical Eng., China
1995	2000	CF Industries	Louisiana, Donaldsonville	USA	CO2 Stripping	Uhde, Germany
1994	1740	Sinopec Urumqi	Xinjiang, Urumqi	China	CO2 Stripping	Lanzhou Design Institute, China
1994	2000	Qatar Fertiliser Company	Umm Said	Qatar	CO2 Stripping	Uhde, Germany
1991	810	CF Industries	Louisiana, Donaldsonville	USA	CO2 Stripping	The MW Kellogg, USA
1991	1500	Khorasan Petrochemical Company (KPC)	Bojnurd	Iran	CO2 Stripping	M.W. Kellogg, UK
1990	1725	Karnaphuli Fertilizer Co. (KAFCO)	Chittagong	Bangladesh	LAUNCH MELT™ Pool Condenser Design	Chiyoda, Japan
1990	2000	Saskferco Products Inc.	Saskatchewan, Belle Plaine	Canada	CO2 Stripping	Uhde, Germany
1990	1800	Saudi Arabian Fertilizer Company (SAFCO)	Al-Jubail	Saudi Arabia	CO2 Stripping	Chiyoda, Japan
1989	1750	State Org. of Industrial Design and Construction Salthuddin	Baiji	Iraq	CO2 Stripping	M.W. Kellogg, UK
1985	1750	State Org. of Industrial Design and Construction Salthuddin	Baiji	Iraq	CO2 Stripping	M.W. Kellogg, UK
1985	1725	P.T. Pupuk Kalimantan Timur	Bontang	Indonesia	CO2 Stripping	Chiyoda, Japan
1984	1740	CNTIC	Xinjiang, Urumqi	China	CO2 Stripping	CNCCC, China
1984	1740	CNTIC	Ningxia Autonomous Region, Yinchuan	China	CO2 Stripping	CNCCC, China

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1983	1000	Techmashimport	Kemerovo	Russia	CO2 Stripping	Chemoprojekt, Czech Republic
1983	1000	Techmashimport	Gorlovka	Ukraine	CO2 Stripping	Chemoprojekt, Czech Republic
1982	1725	P.T. Pupuk Kalimantan Timur	Bontang	Indonesia	CO2 Stripping	The MW Kellogg, USA
1982	1500	Asean Bintulu Fertilizer	Bintulu	Malaysia	CO2 Stripping	Uhde, Germany
1982	90	Saudi Arabian Fertilizer Company (SAFCO)	Damman	Saudi Arabia	CO2 Stripping	Chiyoda, Japan
1981	260	Petrochemical Industries Corp.	Sale	Myanmar	CO2 Stripping	Coppée-Rust, Belgium
1981	1750	Sirte Oil Company (Napetco, NPC)	Marsa el-Brega	Libya	CO2 Stripping	Uhde, Germany
1981	600	Petrochemical Industries Corp.	Kyaw Zwa	Myanmar	CO2 Stripping	Uhde, Germany
1981	1100	Hemijaska Industrija Pancevo	Pancevo	Serbia	CO2 Stripping	Chemoprojekt, Czech Republic
1981	1500	National Fertilizers Company of Nigeria (NAFCO)	Okrika (Port Harcourt)	Nigeria	CO2 Stripping	The MW Kellogg, USA
1981	1000	Techmashimport	Odessa	Ukraine	CO2 Stripping	Chemoprojekt, Czech Republic
1981	1000	Techmashimport	Odessa	Ukraine	CO2 Stripping	Chemoprojekt, Czech Republic
1981	1000	Techmashimport	Grodno	Belarus	CO2 Stripping	Chemoprojekt, Czech Republic
1980	907	Farmland Industries	Oklahoma, Enid	USA	CO2 Stripping	Foster Wheeler, USA
1980	1600	Al-Jubail Fertilizers	Al-Jubail	Saudi Arabia	CO2 Stripping	Pullman Kellogg, USA
1980	907	Sherritt Gordon Mines	Alberta, Fort Saskatchewan,	Canada	CO2 Stripping	Foster Wheeler, USA
1980	1500	Ruwais Fertilizer Industries	Abu Dhabi	United Arab Emirates	CO2 Stripping	Chiyoda, Japan
1980	60	Sichuan Chemical Works	Sichuan, Chengdu	China	CO2 Stripping	Coppée-Rust, Belgium
1980	1000	Techmashimport	Fergana	Uzbekistan	CO2 Stripping	Chemoprojekt, Czech Republic
1980	1000	Techmashimport	Severodonetsk	Ukraine	CO2 Stripping	Chemoprojekt, Czech Republic

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1979	900	CdF Chimie-APC	Toulouse	France	CO2 Stripping	Heurtey, France
1978	1500	Ina Petrokemija	Kutina	Croatia	CO2 Stripping	Kellogg Continental, The Netherlands
1978	1300	Romchim	Slobozia	Romania	CO2 Stripping	Coppée-Rust, Belgium
1978	1300	Romchim	Arad	Romania	CO2 Stripping	Coppée-Rust, Belgium
1978	1740	CNTIC	Zhejiang, Zhenhai	China	CO2 Stripping	Kellogg Continental, The Netherlands/ CNCCC China
1977	1000	Techmashimport	Angarsk	Russia	CO2 Stripping	Chemoprojekt, Czech Republic
1977	1000	Techmashimport	Salavat	Russia	CO2 Stripping	Chemoprojekt, Czech Republic
1977	1000	Techmashimport	Nevinnomyssk	Russia	CO2 Stripping	Chemoprojekt, Czech Republic
1977	580	Agrico Chemical Corporation	Oklahoma, Tulsa	USA	CO2 Stripping	Pullman Kellogg, USA
1976	1000	Techmashimport	Grodno	Belarus	CO2 Stripping	Chemoprojekt, Czech Republic
1976	1000	Techmashimport	Dneprodzerzhinsk	Ukraine	CO2 Stripping	Chemoprojekt, Czech Republic
1976	1000	Techmashimport	Cherkassy	Ukraine	CO2 Stripping	Chemoprojekt, Czech Republic
1976	1600	Ashunganj Fertilizer and Chemical Company	Ashunganj	Bangladesh	CO2 Stripping	Foster Wheeler/Uhde, USA
1976	1500	Petrobras	Araucaria	Brazil	CO2 Stripping	Uhde, Germany
1976	940	State Fertilizer Manufacturing Corporation	Sapugaskanda	Sri Lanka	CO2 Stripping	Kellogg Continental, The Netherlands
1976	1200	Polimex Cekop	Police	Poland	CO2 Stripping	Heurtey, France
1976	1000	National Oil Corporation	Marsa El-Brega	Libya	CO2 Stripping	Foster Wheeler, Italy
1975	600	Taiwan Fertilizer Co.	Miaoli	China	CO2 Stripping	Kellogg Continental, The Netherlands
1975	1000	Guanomex	Salamanca	Mexico	CO2 Stripping	Foster Wheeler/Uhde, USA

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1975	1350	CF Industries Inc.	Louisiana, Donaldsonville	USA	CO2 Stripping	Foster Wheeler/Uhde, USA
1975	1000	NET	Arklow	Ireland	CO2 Stripping	Kellogg Continental, The Netherlands
1975	1725 (2 units)	Société EL Nasr d'Engrais et d'Industrières	Talkha	Egypt	CO2 Stripping	Foster Wheeler, Italy
1975	1000	Qatar Fertiliser Company	Umm Said	Qatar	CO2 Stripping	Chiyoda, Japan
1975	1080	Columbia Nitrogen Corp.	Georgia, Augusta	USA	CO2 Stripping	Braun, USA
1975	1300	Romchim	Bacau	Romania	CO2 Stripping	Coppée-Rust, Belgium
1975	1050	Unichem	Homs	Syria	CO2 Stripping	Heurtey, France
1974	1740	CNTIC	Jiangsu, Jinling	China	CO2 Stripping	Heurtey, France
1974	1740	CNTIC	Guandong, Guangzhou	China	CO2 Stripping	Heurtey, France
1974	1740	CNTIC	Anhui, Anqing	China	CO2 Stripping	Heurtey, France
1974	225	Nipak	Oklahoma, Pryor	USA	CO2 Stripping	Braun, USA
1974	1350	Cominco	Alberta, Calgary	Canada	CO2 Stripping	Foster Wheeler/Uhde, USA
1974	750	African Explosives & Chemical Industries	Modderfontein	South Africa	CO2 Stripping	Kellogg Continental, The Netherlands
1974	1080	Collier Carbon and Chemical Company	Alaska, Kenai	USA	CO2 Stripping	Braun, USA
1974	1500	Shahpur Chemicals (Razi)	Bandar Shahpur (Razi)	Iran	CO2 Stripping	Kellogg Continental, The Netherlands
1974	1500	Iran Fertilizer Company	Shiraz	Iran	CO2 Stripping	Heurtey, France
1974	330	Société Carbochimique	Tertre	Belgium	CO2 Stripping	Société Carbochimique, Belgium
1973	1200 (2 units)	Korean Equipment Import Corporation	Sulbi	P.R. of Korea	CO2 Stripping	Uhde, Germany
1973	1620	CNTIC	Sichuan, Luzhou	China	CO2 Stripping	Kellogg Continental, The Netherlands

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1973	1620	CNTIC	Liaoning, Panjin	China	CO2 Stripping	Kellogg Continental, The Netherlands
1973	1620	CNTIC	Heilongjiang, Daqing	China	CO2 Stripping	Kellogg Continental, The Netherlands
1973	300	Amoniac Espanol	Malaga	Spain	CO2 Stripping	McKee-CTIP, Spain
1973	600	Mitsubishi Gas Chemical Company	Matsuyama	Japan	CO2 Stripping	Chiyoda, Japan
1973	907	Agrico Chemical Company	Arizona, Blytheville	USA	CO2 Stripping	Foster Wheeler/Uhde, USA
1973	580	Agrico Chemical Company	Oklahoma, Verdigris River	USA	CO2 Stripping	Kellogg Continental, The Netherlands
1973	1550	Istanbul Gubre Sanayii (IGSAS)	Izmit, Kocaeli	Turkey	CO2 Stripping	Uhde, Germany
1973	1620	CNTIC	Hebei, Canzhou	China	CO2 Stripping	Kellogg Continental, The Netherlands
1973	1620	CNTIC	Yunnan, Shuifu	China	CO2 Stripping	Kellogg Continental, The Netherlands
1973	1620	CNTIC	Guizhou, Chishui	China	CO2 Stripping	Kellogg Continental, The Netherlands
1973	1620	CNTIC	Hebei, Zhijiang	China	CO2 Stripping	Kellogg Continental, The Netherlands
1973	1620	CNTIC	Hunan, Yueyang	China	CO2 Stripping	Kellogg Continental, The Netherlands
1973	1700	Pertamina	Kalimantan, Santan	Indonesia	Conventional Urea Process	Coppée-Rust, Belgium
1973	1350	Canadian Fertilizers Limited	Alberta, Medicine Hat	Canada	CO2 Stripping	Foster Wheeler/Uhde, USA
1972	90	Melamina Ultra	Camaçari	Brazil	Conventional Urea Process	Foster Wheeler, UK
1972	280	Refineria de Petroleos de Escombreras	Cartagena	Spain	CO2 Stripping	Tecnicas Reunidas, Spain
1972	1030	Mangalore Chemicals & Fertilizers	Mangalore	India	CO2 Stripping	Humphreys & Glasgow, UK
1972	907	CF Industries Inc.	Louisiana, Donaldsonville	USA	CO2 Stripping	Foster Wheeler/Uhde, USA
1971	1200	Indian Farmers Fertilizers Co. (IFFCO)	Gujarat, Kalol	India	CO2 Stripping	Humphreys & Glasgow, UK
1970	700	Chungju Fertilizer Corp.	Chungju	Republic of Korea	CO2 Stripping	Continental Engineering, The Netherlands

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1970	600	Chemokomplex	Petfürdo	Hungary	CO2 Stripping	Evence Coppée-Rust, Belgium
1970	1050	VEB Düngemittelkombinat	Piesteritz	Germany	CO2 Stripping	Chemoprojekt, Czech Republic
1970	2100 (2 units)	VEB Düngemittelkombinat	Piesteritz	Germany	CO2 Stripping	Chemoprojekt, Czech Republic
1970	900 (2 units)	Industrial Import	Tirgu Mures	Romania	CO2 Stripping	Evence Coppée-Rust, Belgium
1969	600	Chemopetrol	Most	Czech Republic	CO2 Stripping	Continental Engineering, The Netherlands
1969	600	Duslo a.s.	Sala	Slovakia	CO2 Stripping	Uhde, Germany
1969	900 (2 units)	Masinimport	Slobozia	Romania	CO2 Stripping	Evence Coppée-Rust, Belgium
1969	900 (2 units)	Masinimport	Slobozia	Romania	Conventional Urea Process	Evence Coppée-Rust, Belgium
1968	1085 (2 units)	Triad Corporation	Louisiana, Donaldsonville	USA	CO2 Stripping	Uhde, USA
1968	1000	DSM	Geleen	Netherlands	CO2 Stripping	DSM, The Netherlands
1968	100	Chemicals & Phosphates	Haifa	Israel	CO2 Stripping	Chemicals & Phosphates, Israel
1968	86	Premier Petrochemical Company	California, Pasadena	USA	CO2 Stripping	McKee, USA
1968	1400	Kashima Ammonia Company	Tokyo	Japan	CO2 Stripping	Chiyoda, Japan
1968	1400 (2 units)	The Kuwait Chemical Fertilizer Corp.	Shuaiba	Kuwait	CO2 Stripping	Chiyoda, Japan
1968	800	Mitsubishi Chemical Industries	Kurosaki	Japan	CO2 Stripping	Chiyoda, Japan
1967	120	Société des Usines Chimique Ugine Kuhlmann	Paimboeuf	France	CO2 Stripping	Continental Engineering, The Netherlands
1967	550	Cuba Industrial	Cienfuegos	Cuba	Conventional Urea Process	Simon Carves, UK
1967	125	Honam Fertilizer Co.	Naju	Republic of Korea	Conventional Urea Process	Uhde, Germany
1967	800	Société Normande de l'Azote	Le Havre	France	CO2 Stripping	Heurtey, France

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1967	207	Industrial Development Corporation Government of the Union of Burma	Chauk	Myanmar	CO2 Stripping	Uhde, Germany
1966	500	Sincat (subsidiary of Società Edison)	Priolo	Italy	Conventional Urea Process	Foster Wheeler, Italy
1966	350	Azolacq	Rouen	France	CO2 Stripping	Heurtey, France
1966	900 (2 units)	Masinimport	Turnu Magurele	Romania	Conventional Urea Process	Evence Coppée-Rust, Belgium
1966	900 (2 units)	Masinimport	Craiova	Romania	Conventional Urea Process	Evence Coppée-Rust, Belgium
1966	500 (2 units)	Union Rheinische Braunkohlen Kraftstoff	Wesseling	Germany	CO2 Stripping	Uhde, Germany
1966	700	Delhi Cloth Mills - Shriram Fertilisers & Chemicals	Kota	India	Conventional Urea Process	Chiyoda, Japan
1966	300	Kemira Oy	Oulu	Finland	CO2 Stripping	Uhde, Germany
1965	135	Collier Carbon & Chemical Corporation	California, Los Angeles	USA	Conventional Urea Process	Braun, USA
1965	135	Mobil Chemical Company	Texas, Beaumont	USA	Conventional Urea Process	Braun, USA
1965	400	Mekog	Pernis	Netherlands	Conventional Urea Process	Continental Engineering, The Netherlands
1965	1501	ANIC	Gela	Italy	Conventional Urea Process	ANIC Italy
1965	1701	Sherrit Gordon Mines	Alberta, Fort Saskatchewan	Canada	Conventional Urea Process	Sherrit Gordon Mines, Canada
1965	300	Tvornica Ducicnih Gnojiva	Kutina	Croatia	Conventional Urea Process	Foster Wheeler, France
1965	250	Korean Industrial Equipment Import Corporation	Hung Nam	P.R. of Korea	Conventional Urea Process	Continental Engineering, The Netherlands
1965	317	Terra Chemicals International	Iowa, Sioux City	USA	Conventional Urea Process	Braun, USA
1965	220	DSM	Geleen	Netherlands	CO2 Stripping	DSM, The Netherlands
1965	520	African Explosives & Chemical Industries	Umbogintwini	South Africa	Conventional Urea Process	Continental Engineering, The Netherlands
1965	333	Salzgitter Chemie	Salzgitter	Germany	CO2 Stripping	Uhde, Germany

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1965	540	Saarbergwerke	Besch-Perl/ Mosel	Germany	Conventional Urea Process	Continental Engineering, The Netherlands
1965	300	Société Carbochimique	Tertre	Belgium	CO2 Stripping	Société Carbochimique, Belgium
1964	250	Korean Industrial Equipment Import Corporation	Hung Nam	P.R. of Korea	Conventional Urea Process	Continental Engineering, The Netherlands
1964	77	Columbia Nitrogen Corp.	Georgia, Augusta	USA	Conventional Urea Process	McKee, USA
1964	1800 (6 units)	Technoimport	Vratza	Bulgaria	Conventional Urea Process	Evence Coppée-Rust, Belgium
1964	600 (2 units)	Masinimport	Turnu Magurele	Romania	Conventional Urea Process	Uhde, Germany
1964	550	The Kuwait Chemical Fertilizer Corporation	Shuaiba	Kuwait	Conventional Urea Process	Foster Wheeler, UK
1964	410	Olin Mathieson Chem. Corp.	Louisiana, Lake Charles	USA	Conventional Urea Process	McKee, USA
1964	300	Chemokomplex	Petfürdo	Hungary	Conventional Urea Process	Evence Coppée-Rust, Belgium
1963	300	Chemokomplex	Barcika	Hungary	Conventional Urea Process	Evence Coppée-Rust, Belgium
1963	300	Masinimport	Craiova	Romania	Conventional Urea Process	Uhde, Germany
1963	85	Chemical Fertilizer Co.	Bangkok	Thailand	Conventional Urea Process	Uhde, Germany
1963	226	Nipak	Oklahoma, Pryor	USA	Conventional Urea Process	Braun, USA
1963	210	Esso Standard Chem. & Fert. Corp.	Bataan	Philippines	Conventional Urea Process	Braun, USA
1963	500 (2 units)	CNTIC	Sichuan, Luzhou	China	Conventional Urea Process	Continental Engineering, The Netherlands
1962	500 (2 units)	Lischemkombinat	Severodonetsk	Ukraine	Conventional Urea Process	Continental Engineering, The Netherlands
1962	100	ICI/ANZ	Sydney	Australia	Conventional Urea Process	Humphreys & Glasgow, UK
1962	1161	Union Rheinische Braunkohlen Kraftstoff	Wesseling	Germany	Conventional Urea Process	URBK, Germany
1962	721	Federation Chemicals	Trinidad	Trinidad	Conventional Urea Process	Federation Chemicals, Trinidad

1. LAUNCH MELT™ – GRASS ROOT UREA MELT PLANTS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Technology	Contractor
1961	125	Ammoniaque Synthétique & Dérivés	Willebroek	Belgium	Conventional Urea Process	ASED, Belgium
1961	100	Sherritt Gordon Mines	Alberta, Fort Saskatchewan	Canada	Conventional Urea Process	Braun, USA
1961	75	Etablissements Kuhlmann	Paimboeuf	France	Conventional Urea Process	Continental Engineering, The Netherlands
1960	500 (2 units)	Elektro-Chemkombinat Chirchik	Tashkent	Uzbekistan	Conventional Urea Process	Continental Engineering, The Netherlands
1960	500 (2 units)	Chekino-Chemkombinat	Tula	Russia	Conventional Urea Process	Continental Engineering, The Netherlands
1960	500 (2 units)	Elektro-Chemkombinat	Salavat	Russia	Conventional Urea Process	Continental Engineering, The Netherlands
1960	300 (2 units)	ANIC	Gela	Italy	Conventional Urea Process	Snamprogetti, Italy
1960	200	Solar Nitrogen	Missouri, Joplin	USA	Conventional Urea Process	McKee, USA
1959	70	DSM	Geleen	Netherlands	Conventional Urea Process	DSM, The Netherlands
1959	1001	Société Carbochimique	Tertre	Belgium	Conventional Urea Process	Société Carbochimique, Belgium
1959	210	Refineria de Petróleos de Escombreras	Cartagena	Spain	Conventional Urea Process	Braun, USA
1958	130 (2 units)	DSM	Geleen	Netherlands	Conventional Urea Process	DSM, The Netherlands
1958	63	Federation Chemicals	Trinidad	Trinidad	Conventional Urea Process	Braun, USA
1958	701	Société Carbochimique	Tertre	Belgium	Conventional Urea Process	Werkspoor, The Netherlands
1958	75	Union Rheinische Braunkohlen Kraftstoff	Union Rheinische Braunkohlen Kraftstoff, Wesseling	Germany	Conventional Urea Process	URBK, Germany
1958	150 (2 units)	ANIC	ANIC, Milan	Italy	Conventional Urea Process	Snamprogetti, Italy
1957	300 (3 units)	African Explosives & Chemical Industries	Modderfontein	South Africa	Conventional Urea Process	Werkspoor, The Netherlands
1957	70	Société Carbochimique	Tertre	Belgium	Conventional Urea Process	Werkspoor, The Netherlands
1954	150 (2 units)	DSM	Geleen	Netherlands	Conventional Urea Process	DSM, The Netherlands

1) = extension

2. LAUNCH FINISH™ – GRASS ROOT UREA GRANULATION PLANTS

2. LAUNCH FINISH™ – GRASS ROOT UREA GRANULATION PLANTS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Technology	Contractor
2019	2000	ShchekinoAzot	Pervomayskiy, Tula Region	Russia	LAUNCH FINISH™ Granulation Design	China National Chemical Engineering Co., Ltd. (CNCCC), China
2018	2000	Acron	Novgorod	Russia	LAUNCH FINISH™ Granulation Design	
2017	1500	KuibyshevAzot	Togliatti	Russia	LAUNCH FINISH™ Granulation Design	Tecnimont, Italy
2015	3250	Confidential client			LAUNCH FINISH™ Granulation Design	
2014	2000	Confidential client			LAUNCH FINISH™ Granulation Design	
2014	1500	Phosagro Cherepovets Azot	Cherepovets	Russia	LAUNCH FINISH™ Granulation Design	Chemoprojekt, Czech Republic
2014	1000	Dakota Gasification Company	North Dakota, Beulah	USA	LAUNCH FINISH™ Granulation Design	IHI, USA
2013	2000	The State Oil Company of Azerbaijan Republic (SOCAR)	Sumgayit	Azerbaijan	LAUNCH FINISH™ Granulation Design	Samsung Engineering, South Korea
2013	1425	Azomures	Targu Mures	Romania	LAUNCH FINISH™ Granulation Design	Chemoprojekt, Czech Republic
2013	2676	Koch Nitrogen	Oklahoma, Enid	USA	LAUNCH FINISH™ Granulation Design	KBR, USA
2012	1760	Bangladesh Government, BCIC	Fenchuganj, Sylhet	Bangladesh	LAUNCH FINISH™ Granulation Design	China Chengda Engineering, China
2011	3250	Pardis Petrochemical Company	Bandar Assaluyeh	Iran	LAUNCH FINISH™ Granulation Design	Iranian
2011	1575	Egyptian Chemical & Fertilizer Industries – KIMA	Aswan	Egypt	LAUNCH FINISH™ Granulation Design	Tecnimont, Italy
2010	2700	Tierra del Fuego Energia Y Quimica	Rio Grande	Argentina	LAUNCH FINISH™ Granulation Design	China Chengda Engineering, China
2008	2200	Petroquímica de Venezuela (Pequiven)	Puerto Nutrias	Venezuela	LAUNCH FINISH™ Granulation Design	
2008	4400 (2 units)	Petroquímica de Venezuela (Pequiven)	Jose	Venezuela	LAUNCH FINISH™ Granulation Design	
2008	3600	Lordegan Urea fertilizer Co.	Lordegan	Iran	LAUNCH FINISH™ Granulation Design	Iranian (by NPC)
2008	3600	Golestan Petrochemical Company	Golestan	Iran	LAUNCH FINISH™ Granulation Design	Iranian (by NPC)
2008	3600	Zanjan Industries Petrochemical Company	Zanjan	Iran	LAUNCH FINISH™ Granulation Design	Iranian (by NPC)

2. LAUNCH FINISH™ – GRASS ROOT UREA GRANULATION PLANTS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Technology	Contractor
2008	1400	Eurochem Novomoskovsk Azot	Novomoskovsk	Russia	LAUNCH FINISH™ Granulation Design	Chemoprojekt, Czech Republic
2007	4000 (2 units)	Egyptian Agrium Nitrogen Products Company (EANPC)	Damietta	Egypt	LAUNCH FINISH™ Granulation Design	Uhde GmbH, Germany
2007	2000	Eurochem Novomoskovsk Azot	Novomoskovsk	Russia	LAUNCH FINISH™ Granulation Design	Chemoprojekt, Czech Republic
2006	1200	Grodno Azot	Grodno	Belarus	LAUNCH FINISH™ Granulation Design	Chemoprojekt, Czech Republic
2004	2000	Egypt Helwan Fertilizers	Helwan	Egypt	LAUNCH FINISH™ Granulation Design	Uhde, Germany
2003	2000	Egyptian Fertilizer Company (EFC)	Ain Sukhna	Egypt	LAUNCH FINISH™ Granulation Design	Uhde, Germany
2003	2000	Alexandria Fertilizer Company (AlexFert)	Abu Qir	Egypt	LAUNCH FINISH™ Granulation Design	Uhde, Germany
2003	1250	Agrium Nitrogen Operations	Alberta, Fort Saskatchewan	Canada	LAUNCH FINISH™ Granulation Design	Agrium, USA
1996	280	Grodno Azot	Grodno	Belarus	LAUNCH FINISH™ Granulation Design	Grodno, Belarus

3. EVOLVE™ – UREA PLANTS REVAMPS

3. EVOLVE™ – UREA PLANTS REVAMPS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Revamp Details
2019	660	Koch Nitrogen	Oklahoma, Enid	USA	EVOLVE CAPACITY™
2018	90	Grodno Azot	Grodno	Belarus	EVOLVE PRODUCT™
2017		Inner Linggu Chemical Industry Co.	Jiangsu, Yixing	China	EVOLVE EMISSION™
2017		OCI Nitrogen	Geleen	The Netherlands	EVOLVE ENERGY™
2016	250	PCS Nitrogen	Georgia, Augusta	USA	EVOLVE CAPACITY™
2016	960	SKW Piesteritz	Lutherstadt Wittenberg	Germany	EVOLVE CAPACITY™
2016		Al-Jubail Fertilizer Company - Al-Bayroni (Sabic affiliate)	Al-Jubail	Saudi Arabia	EVOLVE EMISSION™
2016	40 (2 units)	Henan Xinlianxin Fertilizer Co.	Jiangxi, Jiujiang	China	EVOLVE ENERGY™
2015	450	PCS Nitrogen	Louisiana, Geismar	USA	EVOLVE CAPACITY™
2015	770	Uralchem OJSC – Mineral Fertilizers OJSC (PMF)	Perm	Russia	EVOLVE CAPACITY™
2013	525	Azomures	Targu Mures	Romania	EVOLVE CAPACITY™
2013	450	State Company for Fertilizers North Area (NFC)	Baiji	Iraq	EVOLVE CAPACITY™
2012		CF Industries	Verdigris	USA	EVOLVE CAPACITY™
2012	300	Duslo	Sala	Slovakia	EVOLVE CAPACITY™
2011	75	Karnaphuli Fertilizer Co. (KAFCO)	Chittagong	Bangladesh	EVOLVE CAPACITY™
2011	168	OCI Nitrogen	Geleen	The Netherlands	EVOLVE CAPACITY™
2011	1200	CF Medicine Hat	Alberta	Canada	EVOLVE CAPACITY™
2010		Ultrafertil	Auracaria	Brazil	EVOLVE PRODUCT™
2009		Petrokemija	Kutina	Croatia	EVOLVE EMISSION™
2009	650	Egyptian Fertilizer Company (EFC)	Ain Sukhna	Egypt	EVOLVE CAPACITY™

3. EVOLVE™ – UREA PLANTS REVAMPS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Revamp Details
2008	750	Abu Qir	Alexandria	Egypt	EVOLVE CAPACITY™
2007	600	Yara (Saskferco)	Saskatchewan, Belle Plaine	Canada	EVOLVE CAPACITY™
2007	350	Pak-American Fertilizers Ltd (PAFL)	Punjab	Pakistan	EVOLVE CAPACITY™
2006	200	Grodno Azot	Grodno	Belarus	EVOLVE CAPACITY™
2006		Canadian Fertilizers Limited	Alberta, Medicine Hat	Canada	EVOLVE CAPACITY™
2006		Ultrafertil	Auracaria	Brazil	EVOLVE CAPACITY™
2005	1520	Inner Mongolia Erdos Unichem International Co.	Inner Mongolia, Erdos	China	EVOLVE CAPACITY™
2005		Petrochemical Industries Kuwait Co.	Shuaiba	Kuwait	EVOLVE EMISSION™
2005		Qatar Fertilizer Company	Umm Said	Qatar	EVOLVE EMISSION™
2005		Minudobrenya	Perm	Russia	EVOLVE CAPACITY™
2004		Karnaphuli Fertilizer Co.	Chittagong	Bangladesh	EVOLVE CAPACITY™
2004		PCS Nitrogen	Georgia, Augusta	USA	EVOLVE CAPACITY™
2004	450	Asean Bintulu Fertilizer	Bintulu	Malaysia	EVOLVE CAPACITY™
2004	580	Ningxia GeoMaxima Holdings Fengyou Chemical Industrial Co.	Ningxia	China	EVOLVE CAPACITY™
2004	870	China Petroleum Material & Equipment Corporation, PetroChina Urumqi Petrochemical Company	Xinjiang, Urumqi	China	EVOLVE CAPACITY™
2004		Mangalore Chemicals & Fertilizers	Bangalore	India	EVOLVE CAPACITY™
2004		Interagro Sofert	Bacau	Rumania	EVOLVE CAPACITY™
2003	680	China Petroleum Material & Equipment Corporation, PetroChina Daqing Petrochemical Company	Heilongjiang, Daqing	China	EVOLVE CAPACITY™
2003	870	China Petroleum Material & Equipment Corporation, PetroChina Ningxia Petrochemical Company	Ningxia	China	EVOLVE CAPACITY™

3. EVOLVE™ – UREA PLANTS REVAMPS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Revamp Details
2003	350	Confidential client			EVOLVE CAPACITY™
2003		Fauji Fertilizer	Bin Qasim	Pakistan	EVOLVE CAPACITY™
2003	300	Shiraz Petrochemical Company	Shiraz	Iran	EVOLVE CAPACITY™
2003		SKW Piesteritz	Lutherstadt Wittenberg	Germany	EVOLVE CAPACITY™
2002	1000	Qatar Fertilizer Company	Umm Said	Qatar	EVOLVE CAPACITY™
2002	300	Razi Petrochemical Company	Razi	Iran	EVOLVE CAPACITY™
2002		SKW Piesteritz	Lutherstadt Wittenberg	Germany	EVOLVE CAPACITY™
2001		SKW Piesteritz	Lutherstadt Wittenberg	Germany	EVOLVE CAPACITY™
2001		Duslo	Sala	Slovakia	EVOLVE CAPACITY™
2001	350	Saudi Arabian Fertilizer Company (SAFCO)	Al-Jubail	Saudi Arabia	EVOLVE CAPACITY™
2001	446	Asean Bintulu Fertilizer	Bintulu	Malaysia	EVOLVE CAPACITY™
2001	635	PCS Nitrogen	Louisiana, Geismar	USA	EVOLVE CAPACITY™
2000		Ruwais Fertilizer Industries (FERTIL)	Abu Dhabi	United Arab Emirates	EVOLVE CAPACITY™
2000	680	Yunnan Yuntianhua Co	Yunnan, Shuifu	China	EVOLVE CAPACITY™
2000		Shiraz Petrochemical Co. (SPC)	Shiraz	Iran	EVOLVE CAPACITY™
2000		Petrochemical Industries Kuwait Co.	Shuaiba	Kuwait	EVOLVE CAPACITY™
2000		Myanmar Petrochemical Enterprise (MPE)	Kyawzwa	Myanmar	EVOLVE CAPACITY™
1999	260	Mangalore Chemicals & Fertilizers	Bangalore	India	EVOLVE CAPACITY™
1999	300	Grande Paroisse	Toulouse	France	EVOLVE CAPACITY™
1998		Al-Jubail Fertilizer Company	Al-Jubail	Saudi Arabia	EVOLVE CAPACITY™

3. EVOLVE™ – UREA PLANTS REVAMPS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Revamp Details
1998		SKW Piesteritz	Lutherstadt Wittenberg	Germany	EVOLVE CAPACITY™
1998		Chemical Works 'Police'	Police	Poland	EVOLVE CAPACITY™
1998	685	Petrochemical Industries Kuwait Co.	Shuaiba	Kuwait	EVOLVE CAPACITY™
1998		Incitec	Queensland, Morningside	Australia	EVOLVE CAPACITY™
1998		American Melamine Industries	North Dakota, Fortier	USA	EVOLVE CAPACITY™
1997		Petrochemical Industries Kuwait Co.	Shuaiba	Kuwait	EVOLVE EMISSION™
1997		Amonil	Slobozia	Rumania	EVOLVE CAPACITY™
1997		Triad Chemicals	Louisiana, Donaldsonville	USA	EVOLVE CAPACITY™
1997		Farmland Industries Inc.	Oklahoma, Enid	USA	EVOLVE EMISSION™
1997		Terra Nitrogen	Arkansas, Blytheville	USA	EVOLVE CAPACITY™
1997		American Melamine Industries	North Dakota, Fortier	USA	EVOLVE CAPACITY™
1997		Nitrogéművek	Petfürdo	Hungary	EVOLVE CAPACITY™
1997		DCM Shriram	Kota	India	EVOLVE EMISSION™
1997		Ruwais Fertilizer Industries (FERTIL)	Ruwais	United Arab Emirates	EVOLVE CAPACITY™
1996	800	Saskferco Product Inc.	Saskatchewan, Belle Plaine	Canada	EVOLVE CAPACITY™
1996	200	Kynoch Fertilizer Limited	Modderfontein	South Africa	EVOLVE CAPACITY™
1996		Farmland Industries	Oklahoma, Enid	USA	EVOLVE CAPACITY™
1996		Irish Fertilizers Industries	Cobh	Ireland	EVOLVE CAPACITY™
1996		Sofert	Bacau	Romania	EVOLVE CAPACITY™
1996		Istanbul Gubre Sanayii A.S. (IGSAS)	Korfez, Kocaeli	Turkey	EVOLVE CAPACITY™

3. EVOLVE™ – UREA PLANTS REVAMPS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Revamp Details
1996		Petrochemical Industries Kuwait Co.	Shuaiba	Kuwait	EVOLVE CAPACITY™
1996		Chemopetrol	Litvinov	Czech Republic	EVOLVE CAPACITY™
1996		Asean Bintulu Fertilizer	Bintulu	Malaysia	EVOLVE CAPACITY™
1995		Qatar Fertilizer Company	Umm Said	Qatar	EVOLVE CAPACITY™
1995		Qatar Fertilizer Company	Umm Said	Qatar	EVOLVE EMISSION™
1995		Unocal	Alaska, Kenai	USA	EVOLVE CAPACITY™
1995		Terra Nitrogen	Arkansas, Blytheville	USA	EVOLVE CAPACITY™
1995		Terra Nitrogen	Oklahoma, Verdigris	USA	EVOLVE CAPACITY™
1995	450	IFFCO	Kalol	India	EVOLVE CAPACITY™
1995	475	Ultrafertil	Auracaria	Brazil	EVOLVE CAPACITY™
1994		CF Industries	Donaldsonville, Louisiana	USA	EVOLVE CAPACITY™
1994	400	Pupuk Kalimantan Timur	Bontang	Indonesia	EVOLVE CAPACITY™
1994		Canadian Fertilizers Limited	Alberta, Medicine Hat	Canada	EVOLVE EMISSION™
1993	214	Grodno Azot	Grodno	Belarus	EVOLVE CAPACITY™
1992		Togliatti Azot	Togliatti	Russia	EVOLVE EMISSION™
1992		Borden Chemicals	Louisiana, Geismar	USA	EVOLVE CAPACITY™
1991		Taiwan Fertilizer Corp.	Hiaoli	China	EVOLVE EMISSION™
1991		Irish Fertilizer Industries	Cobh	Ireland	EVOLVE CAPACITY™
1989	304	Asean Bintulu Fertilizer	Bintulu	Malaysia	EVOLVE CAPACITY™
1989		Qatar Fertiliser Company	Umm Said	Qatar	EVOLVE CAPACITY™

3. EVOLVE™ – UREA PLANTS REVAMPS

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Revamp Details
1986	26	Chemicals & Phosphates	Haifa	Israel	EVOLVE CAPACITY™
1985		Sinopec	Heilongjiang, Daqing	China	EVOLVE EMISSION™
1985	770	Unocal Chemicals Division	Alaska, Kenai	USA	EVOLVE CAPACITY™
1984		Makina Import	Fier	Albania	EVOLVE CAPACITY™
1984		Pequiven	El Tablazo	Venezuela	EVOLVE CAPACITY™
1983	250	African Explosives and Chemical Industries	Modderfontein	South Africa	EVOLVE CAPACITY™
1981	500	Cominco	Alberta, Calgary	Canada	EVOLVE CAPACITY™
1981	300	Chemokomplex	Petfürdo	Hungary	EVOLVE CAPACITY™
1975	515	Petrochemical Industries Co.	Shuaiba	Kuwait	EVOLVE CAPACITY™
1973	215	Collier Carbon & Chemical Corporation	California, Los Angeles	USA	EVOLVE CAPACITY™
1972	300	Delhi Cloth Mills - Shriram Fertilizer	Kota	India	EVOLVE CAPACITY™
1965	70	Federation Chemicals	Trinidad	Trinidad	EVOLVE CAPACITY™

4. NITRIC ACID

4. NITRIC ACID

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Technology	Contractor
1987	1400	DSM Agro Division	Geleen	The Netherlands	Dual Pressure Design	Didier Engineering, Germany
1984	670	UKF	IJmuiden	The Netherlands	Dual Pressure Design	Didier Engineering, Germany
1984	1100	Akdeniz Gubre Sanayi	Mersin	Turkey	Mono Pressure Design	Kellogg Continental, The Netherlands
1980	652	Fertilizantes Mexicanos	Pajaritos	Mexico	Mono Pressure Design	Krebs, France
1978	600	UKF Fertilizers	Ince	England	Mono Pressure Design	Sim. Chem., England
1977	570	Agrico Chemical Corporation	Oklahoma, Tulsa	USA	Mono Pressure Design	Pullman Kellogg, USA
1974	800	Sonatrach	Annaba	Algeria	Mono Pressure Design	Krebs, France
1973	570	Agrico Chemical Corporation	Oklahoma, Tulsa	USA	Mono Pressure Design	Kellogg Continental, The Netherlands
1970	700	Duslo	Sala	Czechoslovakia	Mono Pressure Design	Société Krebs & Cie, France
1968	225	Monomeros Colombo-Venezolanos	Barranquilla	Colombia	Mono Pressure Design	McKee, USA
1968	255	Scottish Agricultural Industries	Edinburgh	Scotland	Mono Pressure Design	Humphreys & Glasgow, England
1967	675	Cuba Industrial	Cienfuegos	Cuba	Mono Pressure Design	Simon Carves, England
1967	820	Societe Rhodannienne d'Engrais	Chasse	France	Mono Pressure Design	Kuhlmann, France
1966	725	Masinimport	Tirgu Mures	Inner Linggu Chemical Industry Co. Ltd., Yixing, Linggu	Mono Pressure Design	Didier-Werke, Germany
1966	190	Haifa Chemicals	Ashdod	Israel	Mono Pressure Design	Staff
1966	275	Kwinana Nitrogen	Kwinana	Australia	Mono Pressure Design	Humphreys & Glasgow, England
1965	185	Associated Chemical Companies	Harrogate	England	Mono Pressure Design	Humphreys & Glasgow, England
1965	420	DSM	Geleen	The Netherlands	Mono Pressure Design	DSM, The Netherlands
1964	530	Imperial Chemicals Industries	Severnside	England	Mono Pressure Design	Humphreys & Glasgow, England

4. NITRIC ACID

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Technology	Contractor
1964	810	Société Egyptienne d'Engrais et d'Industrie, Chimique	Suez	Egypt	Mono Pressure Design	Uhde, Germany
1964	2700	Pulway Azot	Pulawy	Poland	Mono Pressure Design	Didier-Werke, Germany
1963	530	Imperial Chemicals Industries	Severnside	England	Mono Pressure Design	Humphreys & Glasgow, England
1962	295	Al Nasar Co.	Helwan	Egypt	Mono Pressure Design	Continental Engineering, The Netherlands
1962	255	SASOL	Sasolburg	South Africa	Mono Pressure Design	Simon Carves, England
1962	125	Sefanitro	Bilbao	Spain	Mono Pressure Design	Uhde, Germany
1962	425	Columbia Nitrogen Corp.	Georgia, Augusta	USA	Mono Pressure Design	Braun, USA
1961	160	Imperial Chemical Industries	Severnside	England	Mono Pressure Design	ICI
1961	160	Imperial Chemical Industries	Heysham	England	Mono Pressure Design	ICI
1961	260	Ruhrchemie	Oberhausen	Germany	Mono Pressure Design	Uhde, Germany
1960	195	Kemira Oy	Oulu	Finland	Mono Pressure Design	Tippi Oy
1959	320	Farbwerke 'Hoechst' (extension)	Hoechst	Germany	Mono Pressure Design	Uhde, Germany
1959	810	Fertilizer Corporation of India	Rourkela	India	Mono Pressure Design	Fertilizer Corporation of India
1958	345	Hibernia	Wanne-Eickel	Germany	Mono Pressure Design	Uhde, Germany
1958	225	Ministry of Coordination	Athens	Greece	Mono Pressure Design	Uhde, Germany
1958	205	Nitratos de Portugal	Lisbon	Portugal	Mono Pressure Design	Werkspoor, The Netherlands
1958	200	KIMA (extension)	Assuan	Egypt	Mono Pressure Design	Uhde, Germany
1957	150	Société Egyptienne d'Engrais et d'Industrie, Chimique	Cairo	Egypt	Mono Pressure Design	Uhde, Germany
1957	320	Farbwerke 'Hoechst'	Hoechst	Germany	Mono Pressure Design	Uhde, Germany

4. NITRIC ACID

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Technology	Contractor
1956	160	Imperial Chemical Industries	Ardeer	Scotland	Mono Pressure Design	ICI
1956	90	African Explosives & Chemical Industries	Modderfontein	South Africa	Mono Pressure Design	Werkspoor, The Netherlands
1956	610	KIMA	Assuan	Egypt	Mono Pressure Design	Uhde, Germany
1954-1962	790	DSM	Geleen	The Netherlands	Mono Pressure Design	DSM, The Netherlands

5. AMMONIUM NITRATE

5. AMMONIUM NITRATE

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Contractor
1987	120	Deepak Fertilisers	Taloja	India	Humphreys & Glasgow, India
1984	1800	Akdenic (debottlenecking)	Gubre	Turkey	MW Kellogg UK
1982	1500	UKF Fertilizers	Ince	England	
1982	377	RTB - Borzorka	Subotica	Yugoslavia	Krebs, France
1980	818	Fertilizantes Mexicanos	Pajaritos	Mexico	Krebs, France
1979	878	RTB - Bar Zorka	Subotica	Yugoslavia	Krebs, France
1979	1800	Petrochemisches Kombinat 'Schwedt'	Schwedt	GDR	Didier Engineering, Germany
1979	900	CdF-Chimie	Mazingarbe	France	Krebs, France
1978	790	UKF Fertilizers	Ince	England	Sim. Chern., England
1978	818	Fertilizantes Mexicanos	Lazaro Cardenas	Mexico	Krebs, France
1977	725	Agrico Chemical Corporation	Oklahoma, Tulsa	USA	Pullman Kellogg, USA
1977	1250	Gewerkschaft Viktor	Castrop Rauxel	Germany	Didier Engineering, Germany
1975	990	Columbia Nitrogen Corp. AugustaGa	Georgia, Augusta	USA	Braun, USA
1974	1000	Sonatrach	Annaba	Algeria	Krebs, France
1973	1000	ANIC	Ravenna	Italy	Krebs, France
1973	1800	Azot Sanayii	Gemlik	Turkey	Heurtey, France
1973	725	Agrico Chemical Corporation	Oklahoma, Tulsa	USA	Kellogg Continental, The Netherlands
1968	1800	Mediterranean Fertilizer Industry	Mersin	Turkey	Continental Engineering, The Netherlands
1967	855	Cuba Industrial	Cienfuegos	Cuba	Simon Carves, England
1967	1050	Societe Rhodannienne d'Engrais	Chasse	France	Continental Engineering, The Netherlands
1967	483	CSBP & Farmers	Perth	Australia	CSBP & Farmers Ltd
1966	900	Masinimport	Tirgu Mures	Romania	Didier-Werke, Germany

5. AMMONIUM NITRATE

Year of Order	Total Capacity (mt/d)	Clients	Location	Country	Contractor
1966	450	Chemokomplex	Petfürdo	Hungary	Chemokomplex, Hungary
1965	800	Société Belge de l'Azote et des Produits Chimiques du Marly. Liege	Liege	Belgium	SBA, Belgium
1965	540	Fisons	Milnerton	South Africa	Simon Carves, England
1965	450	Produits Chimiques Péchiney-St. Gobain	Rouen	France	Péchiney, France
1965	317	Associated Chemical Companies	Harrogate	England	Humphreys & Glasgow, England
1962	332	SASOL	Sasolburg	South Africa	Simon Carves, England
1962	600	Al Nasr Co.	Helwan	Egypt	Didier-Werke, Germany
1962	113	SASOL	Sasolburg	South Africa	Simon Carves, England
1962	408	Columbia Nitrogen Corp.	Georgia, Augusta	USA	Braun, USA
1959	1850	Fertilizer Corporation of India	Rourkela	India	Fertilizer Corporation of India
1949	150	Engrais et Produits Chimiques de la Meuse	Tilleur	Belgium	Engr. et Prod. Chim. de la Meuse
1940	80	Hibernia	Wanne-Eickel	Germany	Uhde, Germany
1939	85	Mekog	IJmuiden	The Netherlands	Mekog
1933-1950	1750	DSM	Geleen	The Netherlands	DSM, The Netherlands

6. STAMI SPECIALTIES

6. STAMI SPECIALTIES

AD-BLUE®

Year of Order	Total Capacity (mt/d)	Client	Location	Country
2018	90	Grodno Azot	Grodno	Belarus
2017	538	Confidential Client		
2014	770	Dakota Gasification Company	North Dakota, Beulah	USA
2014	1314	Agrium	Texas, Borger	USA
2013	990	OCI – Iowa Fertilizer Company (IFCo)	Iowa, Wever	USA
2013	846	Koch Nitrogen	Oklahoma, Enid	USA
2012	300	Duslo	Sala	Slovakia
2010	450	Petrobras Ultrafertil	Auracaria	Brazil

Controlled-Release Fertilizer Design

Year of Order	Total Capacity (mt/d)	Client	Location	Country
2017	300	Pursell Agri-Tech.	Alabama, Sylacauga	USA

UAN Design

Year of Order	Total Capacity (mt/d)	Client	Location	Country
1996	1500	OCI Nitrogen	Geleen	The Netherlands
1995	1550	Terra Nitrogen	Iowa, Port Neal	USA
1991	1700	CF Industries	Louisiana, Donaldsonville	USA
1977	1700	Agrico Chemical Corporation	Oklahoma, Tulsa	USA
1973	1700	Agrico Chemical Corporation	Oklahoma, Verdigris River	USA

UAS Design

Year of Order	Total Capacity (mt/d)	Client	Location	Country
2012	600	Eurochem Novomoskovsk Azot	Novomoskovsk	Russia

7. ADVANCE MONITOR™ – LEAK DETECTION SYSTEMS

7. ADVANCE MONITOR™ – LEAK DETECTION SYSTEMS

Year	Unit	Client	Country	Design
2019	1	CPCS Giesmar	USA	Pressure
2019	1	Hubei Sanning	China	Pressure
2019	1	Fortigen	USA	Pressure
2019	1	Abu Qir I	Egypt	Pressure
2018	1	Brunei	Brunei	Pressure
2018	1	Kima	Egypt	Pressure
2018	1	LSB Cherokee Nitrogen	USA	Pressure
2018	1	Abu Qir III	Egypt	Pressure
2017	1	LSB Pryor	USA	Pressure
2017	1	Koch Fort Dodge	USA	Pressure
2016	1	Cherepovets II	Russia	Pressure
2016	1	Koch	USA	Pressure
2016	1	PCS Geismar	USA	Pressure
2014	1	Azomures	Romania	Pressure
2013	1	Tierra Del Fuego Power & Chemical Co. Ltd., Rio Grande	Argentina	Pressure
2013	1	Inner Mongolia Bodashidi Chemical Co. Ltd., Dongsheng	P.R. China	Pressure
2013	1	JSC Acron, Novgorod	Russia	Pressure
2012	1	Cherepovetsky Azot JSC, Cherepovets	Russia	Pressure
2012	1	Hulunbeier New Gold Chemical Co. Ltd, Inner Mongolia	P.R. China	Pressure
2010	1	Bunge Argentina S.A., Buenos Aires	Argentina	Vacuum
2010	1	Fatima, Sadiqabad	Pakistan	Vacuum
2009	1	PIDMCO, Assaluyeh 2	Iran	Pressure
2009	1	Saudi Arabian Fertilizer Company (SAFCO), Al Jubail	Saudi Arabia	Pressure
2009	1	PIDMCO, Assaluyeh 1	Iran	Pressure

7. ADVANCE MONITOR™ – LEAK DETECTION SYSTEMS

Year	Unit	Client	Country	Design
2008	1	Inner Mongolia Erdos Unichem International Co., Ltd	P.R. China	Pressure
2006	1	Karnaphuli Fertilizer Co. Ltd, Chittagong (KAFCO)	Bangladesh	Pressure
2006	1	Ruwais Fertilizer Industries, Abu Dhabi	United Arab Emirates	Vacuum
2005	1	Qatar Fertiliser Company S.A.Q., QAFCO 3	Qatar	Pressure
2005	1	Qatar Fertiliser Company S.A.Q., QAFCO 2	Qatar	Pressure
2003	1	Petrochemical Industries Kuwait Co, Shuaiba	Kuwait	Pressure
2000	1	Cytec Industries Inc., Westwego	USA	Pressure
1999	1	Ultrafertil, Auracaria	Brazil	Vacuum -Pressure

8. ADVANCE MONITOR™ – RADAR LEVEL MEASUREMENT SYSTEMS

8. ADVANCE MONITOR™ RADAR LEVEL MEASUREMENT SYSTEMS

Year of Order	Units	Client	Country	Item
2019	2	Brunei Durassulam	Brunei	Stripper, Reactor
2019	1	CFI Donaldsonville	USA	Stripper
2019	2	Jiujiang XLX	P.R. China	Stripper, Poolreactor
2019	2	Sanning Zhijiang Hunei	P.R. China	Stripper, Poolreactor
2018	1	Nutrien Trinidad	Trinidad	Carbamate Separator
2018	1	SAFCO III	Saudi Arabia	Stripper
2017	2	Phosagro Cherepovets	Russia	Stripper (one spare unit)
2017	1	Police, Grupa Azoty Zaklady	Poland	Reactor
2016	2	KIMA Egypt	Egypt	Stripper, Poolreactor
2016	2	PCS Geismar	USA	Stripper, Poolreactor
2015	2	CFL Medicin Alberta	Canada	2 x Reactor
2015	2	Cherepovets	Russia	Stripper, Poolreactor
2015	1	Agrium Red Water	Canada	Stripper
2015	1	Razi Petrochemical Iran	Iran	Stripper
2015	1	Fertil Urea-1 Ruwais	United Arab Emirates	Stripper
2015	1	CFI Donaldsonville LLC	USA	Stripper
2015	1	Liaoning Huanjin	P.R. China	Reactor
2014	3	KOCH Nitrogen	USA	Stripper, 2x Reactor
2014	2	Beulah, North Dakota	USA	Stripper, Reactor
2014	1	Agrium Red Water	USA	Stripper
2014	1	Liaoning Huanjin	P.R. China	Stripper
2014	2	SOCAR	Azerbaijan	Poolreactor, Stripper
2014	1	Khorasan	Iran	Stripper
2014	1	Jubail Al-Bayroni	Saudi Arabia	Stripper

8. ADVANCE MONITOR™ RADAR LEVEL MEASUREMENT SYSTEMS

Year of Order	Units	Client	Country	Item
2014	2	Lordegan	Iran	Stripper, Reactor
2014	2	Pardis III	Iran	Stripper, Reactor
2014	2	CFI Port Neal	USA	Stripper, Reactor
2014	2	CFI Donaldsonville	USA	Stripper, Reactor
2014	3	Azomures	Romania	Stripper, Poolcondensor, Separator
2013	1	Yara Belle Plain	Canada	Stripper
2013	1	CFL Medicin Alberta	Canada	Stripper
2013	1	Agrium Red Water	Canada	Stripper
2013	1	Duslo Sala	Slovakia	Reactor
2013	2	Inner Linggu Chemical Industry Co. Ltd., Yixing, Linggu	P.R. China	Stripper, Reactor
2012	2	Inner Mongolia Erdos Chemical Industry Group company Ltd.	P.R. China	Stripper, Reactor
2012	1	Zia Fertilizers Company Ltd, Ashuganj	Bangladesh	Stripper
2012	1	Bangladesh Government, BCIC, Fenchuganj, Sylhet	Bangladesh	Poolreactor, Stripper
2012	1	Police, Grupa Azoty Zaklady	Poland	Stripper
2011	2	Hengang Huahe Coal Chemical Industry Ltd., Hengang City	P.R. China	Poolreactor, Stripper
2011	2	Petroleo, Brasileiro S.A. (Petrobras), Tres Lagoas	Brazil	Stripper, Reactor
2011	2	Inner Mongolia Bodashidi Chemical Co. Ltd., Dongsheng	P.R. China	Stripper, Reactor
2011	2	Guizhou Jinchi Chemical Co. Ltd.	P.R. China	Stripper, Reactor
2010	1	SKW Piesteritz, Wittenberg	Germany	Stripper
2010	1	Turkmenhimiya, Mary City	Turkmenistan	Stripper
2010	2	Shaanxi Shanhua Chemicals Fertilizer Co. Ltd, Huaxian, Shaanxi province	P.R. China	Pool Reactor, Stripper
2010	2	Cherepovetsky Azot JSC, Cherepovets	Russia	Pool Reactor, Stripper
2010	1	Yara Fertilizers, Belle Plaine	Canada	Stripper
2009	1	Duslo a.s., Sala	Slovakia	Stripper

8. ADVANCE MONITOR™ RADAR LEVEL MEASUREMENT SYSTEMS

Year of Order	Units	Client	Country	Item
2009	2	Terra Industries Verdigris, Tulsa	USA	Stripper
2009	1	INA Petrokimija, Kutina	Croatia	Stripper
2009	2	S.C. Amurco S.R.L. , Bacau	Romania	Stripper, Reactor
2008	1	Achema	Lithuania	Stripper
2008	2	Hulunbeier New Gold Chemical Co. Ltd, Inner Mongolia	P.R. China	Stripper, Reactor
2008	1	SAFCO Al-Bayroni, Al-Jubail	Saudi Arabia	Reactor
2008	1	SKW Piesteritz A, Wittenberg	Germany	Stripper
2008	1	SKW Piesteritz B, Wittenberg	Germany	Stripper
2007	2	Jianfeng Chemicals, Fuling, Chongqing	P.R. China	Stripper, Reactor
2007	2	Ruwais Fertilizer Industries, Abu Dhabi	United Arab Emirates	Reactors
2007	1	SKW Piesteritz, Wittenberg	Germany	MPCC, level tank
2007	2	Inner Mongolia Erdos Unichem International Co., Ltd	P.R. China	Stripper, Reactor
2007	1	Agrium, Redwater	Canada	Stripper
2006	1	Agrium, SGO, Fort Saskatchewan	Canada	Stripper
2005	1	Sinopec Urumqi, Xinjiang Province	P.R. China	Stripper
2005	1	Terra Industries Verdigris, Tulsa	USA	Stripper
2005	1	Qatar Fertiliser Company S.A.Q.	Qatar	Reactor
2005	1	PJSC Novomoskovsk Joint Stock Company AZOT, Tula Region	Russia	Stripper
2002	1	Mangalore Chemicals & Fertilizers limited	India	Stripper

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