

# EVOLVE™ PROJECTS

UREA PLANT REVAMPS &  
DEBOTTLENECKING PROJECTS

The innovation & license company  
of Maire Tecnimont.

## Urea Plant Revamps & Debottlenecking Projects

YEAR OF ORDER	CAPACITY INCREASE (mt/d)	CLIENTS	LOCATION	COUNTRY	REVAMP DETAILS
2020	544	Confidential client			EVOLVE CAPACITY™
2019	300	Nutrien Carseland	Carseland	Canada	EVOLVE CAPACITY™
2019	660	Confidential client			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)	Bajji	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™
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™

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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™
2003	350	Confidential client	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™
1998		SKW Piesteritz	Lutherstadt Wittenberg	Germany	EVOLVE CAPACITY™

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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 Indries	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™
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™

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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™
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™

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