

REFERENCE LIST



NIIK (R&D Institute of Urea)

2022_September

Customer	Project	Scope of services of NIIK	Year
EPC/Turnkey projects			
Metafrax, Gubakha, Russia	Ammonia-urea- melamine complex	- Construction of OSBL facilities on a turn- key basis (basic and detail design, equipment procurement, assembly&installation, start- up & commissioning)	2016 to present
PhosAgro, Cherepovets, Russia Mitsubishi Heavy Industries, Japan	Ammonia production unit AM-3 (capacity 2200 TPD)	- Turn-key project for construction of a new analytical laboratory (ammonia production plant)	2016-2017
Ammoni, Mendeleevsk, Tatarstan, Russia	Ammonia-methanol- urea complex	- Construction of OSBL facilities on a turn- key basis (basic and detail design, equipment procurement, assembly & installation, start- up & commissioning)	2010-2015
Zawolzhsky Motorny Zawod, Zavolshye, Russia	Construction of testing station for diesel engines	- Turnkey project	2009
Zawolzhsky Motorny Zawod, Zavolshye, Russia	Revamp of sulphuric acid storage unit	- Turnkey project	2006-2007
	Petrol storage unit	- Turnkey project	2006
Nizhegorodsky machine- building plant, Russia	Revamping of chlorine storage unit and chlorinator	- Turnkey project	2006-2007
Design engineering			
Production complexes			
Not disclosed (Confidential Information)	Ammonia-urea- complex	- Adaptation of licensor's basic engineering package to Russian norms and regulations	2020
UCC Shchekinoazot Ltd., Schekino, Russia China National Chemical Engineering Co. (CNCEC), Ltd., China	Urea-Ammonia Complex	- Adaptation of the Basic Projects of the Licensors to the norms and rules of the Russian Federation - Design documentation for the complex (ISBL / OSBL objects)	2019 - 2021

		<ul style="list-style-type: none"> - Adaptation of detail design documentation by CNCEC to the norms and rules of the Russian Federation 	2022
		<ul style="list-style-type: none"> - Adaptation of operation documentation and detail design changed at the construction stage, to the norms and regulations of the Russian Federation 	Under development
Metafrax, Gubakha, Russia, Casale S.A., Switzerland	Ammonia-urea-melamine complex	<ul style="list-style-type: none"> - Basic design for OSBL facilities (Melamine 2 unit) - Revision of basic design for prilling tower with capacity 1150 TPD 	2018 - 2019
Metafrax, Gubakha, Russia	Ammonia-urea-melamine complex	<ul style="list-style-type: none"> - Development of detail design for site arrangement - Adaptation of licensor's basic engineering package to Russian norms and regulations - Project documentation (ISBL/OSBL) - Construction of OSBL facilities on a turn-key basis (detail design, equipment procurement, assembly& installation, start-up&comissioning) 	2016 - 2021
Metafrax, Gubakha, Russia Casale S.A., Switzerland	Ammonia-urea-melamine complex	<ul style="list-style-type: none"> - Development of basic design for OSBL facilities and prilling tower - Detail design (ISBL facilities' architectural and civil documentation) 	
Ammoni, Mendeleevsk, Tatarstan, Russia	Ammonia-methanol-urea complex	<ul style="list-style-type: none"> - Project documentation (ISBL/OSBL) - Construction of OSBL facilities on a turn- key basis (detail design, equipment procurement, assembly 	2010-2015

		& installation, start-up & commissioning)	
Ammoni, Mendeleevsk, Tatarstan, Russia Mitsubishi Heavy Industries, Ltd. (MHI), Japan	Ammonia-methanol- urea complex	<ul style="list-style-type: none"> - Adaptation of licensor's documentation on ISBL facilities to Russian norms and regulations, - Detail design (architectural and civil documentation for urea production ISBL facilities) - Licensor's equipment certification 	
ICM, Saint-Petersburg, Russia	Ammonia –urea complex (Vistino, Kingisepp, Leningrad region)	<ul style="list-style-type: none"> - Adaptation of BE/FEED licensor's documentation to Russian norms and Regulations - Project documentation (ISBL/OSBL) 	2013-2015
Ammonia production units			
Giammarco Vetrocoke Srl, Italy	CO2 removal system modernization (ammonium production unit designed by TEC) aimed at capacity increase up to 2000 TPD at Perm mineral fertilizer site.	<ul style="list-style-type: none"> - Project documentation 	2018 - 2019
Haldor Topsoe (HTAS), Denmark	Ammonia unit modernization aimed at capacity increase up to 2000 TPD at Uralchem site (Kirovo-Chepetsk, Kirov region)	<ul style="list-style-type: none"> - Adaptation of design basis to Russian norms and regulations - Project documentation including documentation for CO2 removal unit 	2015 -2017
Tulagiprohim, Tula, Russia	Ammonia production unit and liquid ammonia storage unit (Kingisepp Plant)	<ul style="list-style-type: none"> - Project documentation for OSBL facilities 	2014-2015
PhosAgro, Cherepovets, Russia	Ammonia production unit AM-3 (capacity 2200 TPD)	<ul style="list-style-type: none"> - Adaptation of licensor's basic engineering package to Russian norms and regulations - Development of basic and detailed design 	2013-2017
PhosAgro, Cherepovets, Russia	Ammonia production unit AM-3 (capacity 2200 TPD)	<ul style="list-style-type: none"> - Detailed design (architectural and civil documentation) 	2014-2017
Mitsubishi Heavy Industries, Japan		<ul style="list-style-type: none"> - Turn-key project for construction of a new 	2016-2017

		analytical laboratory (ammonia production plant)	
Not disclosed (Confidential Information)	Ammonia production unit	<ul style="list-style-type: none"> - Adaptation of licensor's basic engineering package to Russian norms and regulations - Project documentation - Detailed design documentation 	2013-2017
EuroChem, NevAzot, Nevinnomyssk, Russia	Commercial grade aqua ammonia production unit (plant №11)	<ul style="list-style-type: none"> - Project documentation - Detailed design documentation 	2013-2014
Methanol production plants			
Not specified under the terms of confidentiality	Methanol plant. (Kingisepp). Water treatment plant	<ul style="list-style-type: none"> - Project documentation 	2022
Not specified under the terms of confidentiality	Methanol plant	<ul style="list-style-type: none"> - Adaptation of the Licensor's FEED package to the rules and regulations of the Russian Federation - Development of FEED parts in the scope of the construction part and the HVAC system - Project documentation 	2020-2021
Not specified under the terms of confidentiality	Methanol plant 5000 TPD	<ul style="list-style-type: none"> - Feasibility study; - Declaration of Intent to Invest (DOI) for the construction of a methanol plant 	2018
Not specified under the terms of confidentiality	Methanol production	<ul style="list-style-type: none"> - Adaptation of the Licensor's FEED package to the rules and regulations of the Russian Federation - Provision of a full Environmental Impact Assessment (EIA) package and support to the Owner at all stages of the EIA; - Development of the Basic Design for construction, architecture, fire safety, telecommunications, security, part of the HVAC (heating, ventilation and air conditioning of FEED package); 	2019-2021

		<ul style="list-style-type: none"> - Project documentation - State Expertise, State Environmental Expert Review 	
OOO «G T M 1», Volgograd, Russia	Methanol production	<ul style="list-style-type: none"> - Adaptation of the Licensor's FEED package to the rules and regulations of the Russian Federation - Project documentation 	2019 – to present
Metafrax, Gubaha, Russia	Technical modernization of methanol production unit (integration within an ammonia-methanol-urea complex)	<ul style="list-style-type: none"> - Detailed design documentation 	2019
Technolizing, Skovorodino, Russia	Methanol production unit with capacity 3000 TPD	<ul style="list-style-type: none"> - Adaptation of licensor's basic engineering package to Russian norms and regulations - Engineering research assistance - Engineering & Consulting services on organizational issues related to public hearings 	2018 – 2020
			Under development
			2021
Nizhnekamskneftekhim, Nizhnekamsk, Tatarstan	Methanol production with capacity 500 000 TPY	<ul style="list-style-type: none"> - Project documentation - Detailed design documentation - Field supervision 	2021
Metafrax, Gubaha, Russia, Casale SA, Switzerland	Methanol production unit modernization including integration to ammonia-urea-methanol complex	<ul style="list-style-type: none"> - Adaptation of licensor's basic engineering package to Russian norms and regulations - Detailed design of civil part 	2018 - 2020
ShchekinoAzot, Shchekino, Russia	Methanol production unit with capacity 500 000 TPY	<ul style="list-style-type: none"> - Adaptation of licensor's basic engineering package to Russian norms and regulations - Project documentation - Detailed design documentation 	2018 – 2021
			Under development
Baltic Gas Chemical Company, Saint-Petersburg, Russia	Baltic methanol production plant	<ul style="list-style-type: none"> - Adaptation of licensor's basic engineering package to Russian norms and regulations - Project documentation - Detailed design documentation 	2015 - 2021
Urea production units			

Not specified under the terms of confidentiality	Technical re-equipment of the synthesis column for urea production	- Detailed design documentation	2020 - 2021
JSC Nevinnomyssky Azot, Nevinnomyssk, Russia (EuroChem Group AG)	Technical re-equipment of the evaporation unit of workshop No. 2-a of urea production	- Detailed design documentation	2020 - 2021
OOO "Novomoskovsk-Remstroiservis", Novomoskovsk, Russia	Modernization of the pre-decomposition unit pos. 11-E-2A in the urea plant No. 3 (stage 1) of NAK Azot JSC	- Detailed design documentation	2020
Not disclosed (Confidential Information)	Urea production unit	- Detailed design documentation (civil, electrical, HVAC sections) - Adaptation of detail design to Russian norms and regulations	2022
KuibyshevAzot, Togliatti, Russia	Technical modernization of urea plant №4	- Project documentation - Detailed design documentation	2018 - 2019
Novgorodsky GIAP, Veliky Novgorod, Russia	Urea unit №6 modernization aimed at capacity increase to 2050 TPD (Acron site)	- Main technical solutions development - Project documentation - Detailed design documentation	2021
	Urea granulation unit with capacity 2000 TPD (Acron site)	- Project documentation - Detailed design documentation	2018 - 2020
	New urea production unit №6 with capacity 600 TPD (Acron site)	- Project documentation - Detailed design documentation	2018
	Urea unit №5 modernization aimed at capacity increase to 1250 TPD (Acron site)	- Project documentation - Detailed design documentation	2017
KuibyshevAzot, Togliatti, Russia Stamicarbon, The Netherlands	Urea production unit with capacity 1500 TPD (at KuibyshevAzot site)	- Adaptation of licensor's documentation on ISBL facilities to Russian norms and regulations, - Basic design for urea production OSBL facilities - Project documentation	2017 - 2019
KuibyshevAzot, Togliatti, Russia	Technical modernization of urea unit № 4 (evaporation, hydrolysis and desorption sections)	- Detailed design documentation	2016-2017
Minudobreniya, Perm, Russia Stamicarbon, The Netherlands	Urea production unit modernization aimed at capacity increase to 2700 TPD, new prilling tower construction	- Adaptation of licensor's basic engineering package to Russian norms and regulations, - Basic design documentation	2015 - 2019

		development for prilling tower - Project documentation	
Minudobreniya, Perm, Russia	Urea production unit modernization aimed at capacity increase to 2700 TPD, new prilling tower construction	- Detailed design documentation	
Togliattiazot, Togliatti, Samara, Russia	Urea production unit with new prilling tower (capacity 2200 TPD)	- Adaptation of licensor's basic engineering package to Russian norms and regulations	2015 - 2016
		- Project documentation (including prilling tower and handling system).	2019
		- Detailed design documentation	2020
		- Field supervision	Under development
PhosAgro- Cherepovets, Cherepovets, Russia	Urea granulation unit, capacity 1500 TPD	- Project documentation - Detailed design documentation	2014-2017
	Technical modernization of urea production unit № 2 aimed at capacity increase to 1650 TPD	- Project documentation - Detailed design documentation	2014-2016
EuroChem, NAK Azot, Novomoskovsk, Russia	Technical modernization of urea production unit № 2 aimed at capacity increase to 1500 TPD	- Project documentation - Detailed design documentation	2013-2017
	Technical modernization of urea plant № 3 (second line) with capacity increase to 1450 TPD	- Project documentation - Detailed design documentation	2013-2016
	UAN production unit on the basis of urea production plant № 2 (capacity 1200 TPD)	- Project documentation - Detailed design documentation	2013-2014
		- Field supervision	2020 - 2021
	Revamp of urea unit №2 (gas vent elimination)	- Project documentation - Detailed design documentation	2012-2015
	32,5% urea solution production unit (capacity 100000 TPY) including urea solution treatment unit on the basis of urea plant № 2 evaporation unit	- Project documentation - Detailed design documentation	2011-2015

Chemoproject, Czech Republic	AZOMURES S.A. plant's prilling tower modernization aimed to capacity increase from 900 to 1425 TPD, keeping the tower's height and ensuring the same quality level.	- Acting as general design contractor - Development of technical solutions	2012
Acron, Veliky Novgorod, Russia	Urea production units (№1-4) revamping aimed to capacity increase up to 2000 TPD and feedstock / energy saving	- Project documentation - Detailed design documentation	2009-2016
	Urea synthesis unit revamp (№5)	- Project documentation - Detailed design documentation	2013-2014
Azot, Kemerovo, Russia	Urea production unit revamp with high speed drum granulator installation	- Project documentation - Detailed design documentation	2011-2013
Kuibyshev Azot, Togliatti, Russia	Acid ammonia recovery unit downstream urea unit absorption tower	- Project documentation - Detailed design documentation	2011-2012
EuroChem, NAK Azot, Novomoskovsk, Russia	Technical modernization of evaporation unit № 5 for urea production unit №2 (capacity 1000 TPD)	- Project documentation - Detailed design documentation	2011-2012
Acron, Veliky Novgorod, Russia	Implementation of computer process simulator for personal training and knowledge assessment	- Computer-generated technological simulator for urea production assembly №5	2011-2012
	Evaporation system for urea production unit and prilling tower modernization with capacity increase	- Detailed design documentation	2011-2013
Maxam-Chirchik, Chirchik, Uzbekistan	Modernization and technical upgrading of urea unit	- Project documentation - Detailed design documentation	2010-2012
EuroChem, NevAzot, Nevinnomyssk, Russia	Modernization of unit №2 (urea plant №2)	- Project documentation - Detailed design documentation	2010-2011
EuroChem, NAK Azot, Novomoskovsk, Russia	Implementation of computer process simulator for personnel training and knowledge assessment	- Hard- and software complex	2010 – 2011
PhosAgro, Cherepovets, Russia	Urea plant production unit with capacity 1500 TPD, procured by	- Project documentation - Detailed design documentation	2010 - 2012

	“Chemoproject” (Czech Republic)		
Design Institute «Salavatgasonephtehimproect», Salavat, Republic of Bashkortostan, Russia	Prilling tower for urea plant №24	<ul style="list-style-type: none"> - Adaptation of licenser’s basic engineering package (“TEC”, Japan) to Russian norms and Regulations - Project documentation - Detailed design documentation 	2010 - 2011
PhosAgro, Cherepovets, Russia	Implementation of computer process simulator for personnel training and knowledge assessment	<ul style="list-style-type: none"> - Hard- and software complex 	2010 - 2011
	Revamp of urea synthesis evaporation unit	<ul style="list-style-type: none"> - Project documentation - Detailed design documentation 	2010
Kuibyshev Azot, Togliatti, Russia	Prilling tower revamp (urea plant №4)	<ul style="list-style-type: none"> - Detailed design documentation 	2010
	Revamp of evaporation unit (urea plant №1, unit № 4)	<ul style="list-style-type: none"> - Detailed design documentation 	2010
Salavatnefteorgsintez Salavat, Russia	Prilling towers revamp (urea plant №24)	<ul style="list-style-type: none"> - Project documentation - Detailed design documentation 	2009-2010
Yokogawa Electric, Moscow, Russia	Development of control system for CO ₂ compressor with arrangement of a room for a set of technical devices at NAK “Azot”	<ul style="list-style-type: none"> - Detailed design documentation 	2009
Acron, Veliky Novgorod, Russia	Design of granulated urea unit based on Rotoform technology	<ul style="list-style-type: none"> - Detailed design documentation 	2009
PhosAgro AG - Cherepovetsky Azot, Cherepovets, Russia	Urea production unit with capacity 1500 TPD, procured by “Chemoproject” (Czech Republic)	<ul style="list-style-type: none"> - Project documentation - Detailed design documentation 	2008 – 2012
Togliattiazot, Togliatti, Samara, Russia	Prilling tower modernization (urea plant)	<ul style="list-style-type: none"> - Detailed design documentation 	2008-2009
Acron, Veliky Novgorod, Russia	Urea unit revamp with capacity increase and energy saving	<ul style="list-style-type: none"> - Project documentation - Detailed design documentation 	2008
UralChem, Voskresensk Mineral Fertilizers, Voskresensk, Russia	Urea production unit with capacity 600 (1200) TPD	<ul style="list-style-type: none"> - Project documentation 	2008
Acron, Veliky Novgorod, Russia	Urea unit №5 on the basis of relocated unit	<ul style="list-style-type: none"> - Project documentation - Detailed design documentation 	2007 – 2011
EuroChem, NevAzot, Nevinnomysk, Russia	Prilling tower revamp (urea unit, plant 2A)	<ul style="list-style-type: none"> - Project documentation - Design documentation development 	2007-2009

Grodno Azot, Grodno, Belarus	Revamp of urea plant №4 with capacity increase	- Feasibility study, - Architectural and civil design	2007 – 2012
EuroChem, NAK Azot, Novomoskovsk, Russia	Urea production unit on the basis of relocatable unit with capacity increase and energy saving	- Project documentation - Detailed design documentation	2007– 2010
	Revamp of urea plant №3 with capacity increase to 2000 TPD	- Project documentation - Detailed design development	2007 – 2010
Severodonetsk Azot Association, Severodonetsk, Ukraine	Development of basic design for urea unit revamp with capacity increase from 1200 up to 1500 TPD	- Project documentation - Detailed design documentation	2007 – 2010
EuroChem, NevAzot, Nevinnomyssk, Russia	Urea evaporation unit for melamine plant	- Project documentation - Detailed design documentation	2008 – 2010
TogliattiAzot, Togliatti, Russia	Technical upgrading of urea unit with integration of melamine unit	- Project documentation	2007 – 2008
KuibyshevAzot, Togliatti, Russia	Revamp of urea unit with capacity increase	- Project documentation - Detailed design documentation	2007 – 2008
Salavatnefteorgsintez Salavat, Russia	Basic design for urea prilling tower	- Project documentation - Detailed design documentation	2007-2008
Severodonetsk Azot Association, Severodonetsk, Ukraine	Development of basic design for urea unit revamp with capacity increase from 1000 up to 1200 TPD	- Project documentation - Detailed design documentation	2006-2007
AB Achema, Lithuania	Urea production unit based on relocatable equipment	- Project documentation - Detailed design documentation - Development of operational manuals	2006-2008
PhosAgro, Cherepovets, Russia	Revamping of distillation unit with capacity increase (urea production plant)	- Project documentation - Detailed design documentation	2007
EuroChem, NAK Azot, Novomoskovsk, Russia	Implementation of computer process simulator for personnel training and knowledge assessment	- Hard- and software complex	2006-2008
Ostchem Group, Azot, Cherkassy, Ukraine	Revamping of urea unit M-6	- Project documentation - Detailed design documentation	2006-2010
Salavatnefteorgsintez, Salavat, Russia	Revamping of urea plant №50	- Project documentation	2006 – 2008

		- Detailed design documentation	
Dorogobuzh, Verkhnedneprovsky, Smolensk region, Russia	Urea production unit based on relocatable equipment, urea storage unit, prilling tower	- Project documentation	2006 - 2007
Grodno Azot, Grodno, Belarus	Revamp of urea production unit, installation of recuperator	- Detailed design documentation	2006
Acron, Veliky Novgorod, Russia	Installation of the 5 th urea synthesis reactor	- Detailed design documentation	2006
NevAzot, Nevinnomyssk, Russia	Revamp of urea production unit №2	- Project documentation - Detailed design documentation	2006
Melamine production			
EuroChem, NevAzot, Nevinnomyssk, Russia	Melamine unit by LURGI AG technology, Germany	- Project documentation based on foreign licensor's basic engineering package - Detailed design of architectural and civil part	2007 – 2011
TogliattiAzot, Togliatti, Russia	Technical upgrading of urea unit with integration of melamine unit	- Project documentation	2007 – 2008
Acron, Veliky Novgorod, Russia	Melamine production unit	- Feasibility study - Environmental impact investigation	2006 – 2007
Hydrogen production			
Shchekinoazot, Shchekino, Russia	Hydrogen recovery unit	- Acting as general design contractor Project documentation based on foreign licensor's basic engineering package - Detailed design documentation	2010-2011
Ammonium nitrate production			
NIUIF, Cherepovets, Russia	High speed drum granulation unit for urea and ammonium nitrate based fertilizers production	- Technical solutions development	2018-2019
TomskAzot, Seversk, Tomskiy region, Russia	Modernization of the existing Drum Granulation unit to shift it to the production of the granulated ammonium nitrate.	- Design documentation development	2017

KazAzot, Aktau, Kazakhstan	Ammonia nitrate production unit modernization: HSDG for ammonia nitrate manufacturing	- Technical solution development - Detail design documentation	2011-2012
Other production			
Not specified under the terms of confidentiality	Production of ammonium sulfate, NPK, DAP, MAP	- Project documentation	2022 to present
		- Detail design documentation	2022 to present
		- Field supervision	2022 to present
Tulagiprohim, Tula, Russia	Potassium nitrate production. JSC Nevnomyskiy Azot	- Cost estimate documentation in detailed design package	2022 to present
Not specified under the terms of confidentiality	Amur Gas Chemical Complex (AGCC) for production of polyethylene and polypropylene (PE, PP, HDPE, LAO), HDPE production plant	- Project documentation	2021 - 2022
Not specified under the terms of confidentiality	AGCC Pyrolysis plant for mixed raw materials	- Detail design documentation	2021-2022
Not specified under the terms of confidentiality	AGCC Process plants for PE, PP, LAO. Auxiliary systems and shells (cooling towers, flare), substation, operator's room, process buildings and structures)	- Project documentation - Detailed design in part of plot plan & external water supply and water disposal system	2020 - 2022
Not specified under the terms of confidentiality	Reconstruction of the gas supply network	- Project documentation	2021
Not disclosed (Confidential Information)	Gas treatment plant (OSBL facilities, household building with canteen)	- Project documentation	2020 - 2022
	Gas treatment plant (OSBL facilities, fire station & gas rescue service)	- Project documentation	2020 - 2022
	Gas treatment plant (intershop racks)	- Project documentation	2020 - 2022
Not disclosed (Confidential Information)	Installation of the hydro foamy filtration system (wet scrubbing)	- Detail design development - Field supervision - Technical assistance during commissioning	2020
UralChem, Berezniki, Russia	Technical modernization of nitrate- nitrite salt production unit (building 449)	- Technical solution development - Basic Engineering Design	2018-2019
		- Adaptation of	2018 - 2019

Volzhskiy Orgsintez-Volzhsy, Volgograd region, Russia	Sodium dimetilditiocarbamate production unit, capacity 15000 tons per year	licenser's (EPC) detailed design	
		- Project documentation - Detailed design documentation	2017-2018
FCE plant named after Sverdlov Dzerzhinsk, Nizhny Novgorod region, Russia	Modernization aimed at construction of a small-scale hexogen production unit (using technology № 2.1.6.100)	- Construction design supervision	2018
	Technical modernization providing production process mechanization and automation	- Construction design supervision	2018-2019
Salavat Neftekhimremstroy, Salavat, Russia	Development of detailed projects for additional heating equipment U-EA 602, U-EA 603, U-EA 604 based on technical projects M/DK-14-169.00.00.BO. Development of design and estimate documentation for steam tracing change.	- Detailed design development - Estimate documentation - Field supervision	2018
Korund-Cyan, Dzerzhinsk, Russia	Sodium cyanide production unit modernization& construction (second stage: additional engineering system monitoring)	- Detail design documentation	2018-2019
	Sodium cyanide production unit modernization. Additional equipment installation (buildings B60, B40)	- Adaptation of licenser's (EPC) detailed design	2018-2019
	Modernization and construction of railway tracks	- Project documentation - Detailed design documentation	2018 - 2019
	Modernization of administrative and service building A 13	- Project documentation - Detailed design documentation	2017
	Testing the feasibility of repairing furnace lining (building B70)	- Detailed design documentation	2017
	Technical modernization of the	- Project documentation	2016-2017

	cooling water unit (Sodium cyanide production unit, building B50)	- Detailed design documentation	
	Sodium cyanide production unit modernization & construction	- Detailed design documentation	2016
	Alkali storage unit modernization (sodium cyanide production unit, building B80)	- Project documentation - Detailed design documentation	2016
	Sodium cyanide storage unit technical modernization	- Detailed design documentation	2015
	Sodium cyanide production unit with capacity of 80000 TPD (first and second line)	- Acting as general design contractor - Project documentation based on foreign licensor's basic engineering package (EPC, Germany) - Detailed design documentation	2010-2012
SNF Flopam	Acrylamide and polyacrylamide production unit with capacity of 60 000 TPY	- Project documentation	2017
QAFCO (Qatar Fertilizer Company), Qatar	Multipurpose High Speed Drum Granulation (HSDG) Pilot Plant for production of granulated urea with additives, capacity 100 kg per hour	- Technology licensing - Engineering	2014-2015
PVFCCo, Phu My I, Ba Ria Vung Tau, Vietnam	High Speed Drum Granulation unit for production of compound fertilizers (capacity 100 kg/h)	- Technology licensing - Engineering	2014-2015
Kuibyshev Azot, Togliatti, Russia	Implementation of catalytic purification system, compressor plant, outdoor installations and production buildings (energy efficient cyclohexanol production unit installation project, capacity 140000 TPY)	- Project documentation - Detailed design documentation	2012-2014

Nizhfarm, Nizhny Novgorod, Russia	Grass-root gel production plant	- Adaptation of licensor's basic engineering package ("Chemofarm engineering", Belgrad, Serbia) to Russian norms and regulations	2011
Zawolzhsky Motorny Zawod, Zavolshye, Russia	Technical upgrading of pipelines for acids solution discharge in heat-treating workshop	- Detailed design documentation	2011
TIKO-Plastic, Dzerzhinsk, Russia	Expanding capacity of plastic film production plant. Production building construction	- Acting as general design contractor - Project documentation - Detail design documentation (architectural and civil documentation)	2010-2011
	Production of polyethylene film and products	- General design contractor	2006 - 2007
Nexis, Perm, Russia	CAN (capacity 10 000 TPY) and magnesium nitrate production units (solid or liquid form)	- Development of initial data for design works - Development of design documentation for nonstandardized equipment	2010 - 2011
AutoVAZ, Togliatti, Russia	Technical upgrading of liquid ammonia evaporation unit	- Project documentation - Detailed design documentation - Adaptation of technical rules to current regulations	2010
Zawolzhsky Motorny Zawod, Zavolshye, Russia	Construction of testing station for diesel engines	- Turnkey project	2009
Korund, Dzerzhinsk, Russia	Lacquer, paint and polyester resins production unit	- Acting as general design contractor - Detailed design documentation (infrastructure)	2005-2007
Storage units			
Metafrax, Gubaha, Russia	Revamp of urea storage unit unloading section	- Project documentation - Detailed design documentation	2013
Korund, Dzerzhinsk, Russia	Revamp of chlorine storage unit, adaptation to industry safety requirements	- Detailed design documentation	2009
Ammoni, Mendeleevsk, Russia	Construction of urea storage complex	- Basic design	2008 – 2009
Pervouralsky novotrubny works, Perovuralsk, Russia	Revamp of liquid ammonia storage unit № 33	- Project documentation - Detailed design	2006-2007

		documentation	
Zawolzhsy Motorny Zawod, Zavolshye, Russia	Revamp of sulphuric acid storage unit	- Turnkey project	2006-2007
	Petrol storage unit	- Turnkey project	2006
Nizhegorodsky machine-building plant, Russia	Revamping of chlorine storage unit and chlorinator	- Turnkey project	2006-2007
Kuibyshev Azot, Togliatti, Russia	Revamping of urea storage unit	- Project documentation - Detailed design documentation	2007
TIKO-Plastic, Dzerzhinsk, Russia	Feedstock and final product storage facilities	- Project documentation - Detailed design documentation	2006
Pre-design services			
Not disclosed (Confidential information)	Urea production 3150 TPD	- Investment feasibility study	2022
Not disclosed (Confidential information)	Urea production	- Investment feasibility study	2020
Apatite, Cherepovets, Russia	Ammonia production	- Consulting services on effective facility arrangement, estimation of the project cost	2019-2020
Not disclosed (Confidential information)	Ammonia- methanol-urea\other nitrogen products complex	- Front-end engineering (detailed estimation of overall scope, reviewing options for site location)	2019-2020
Not disclosed (Confidential information)	Ammonia- methanol-urea complex	- Front- end engineering (developing options for different construction sites)	2019
Not disclosed (Confidential information)	Methanol production complex in extreme conditions of the Far North	- Investment feasibility study - Declaration of intention development	2019
Not disclosed (Confidential Information)	Ammonia- urea production complex	- Feasibility study - Environmental impact assessment	2018
Not disclosed (Confidential Information)	Methanol production	- Investment feasibility study - Declaration of intention development	2018
Angarsk Nitrogen Fertilizer Plant, Angarsk, Russia	Technical modernization of prilling tower air treatment system (plant №33/36)	- Investment feasibility study	2018
ORELMETACHIM Orel, Russia	Ammonia- urea production complex	- Investment feasibility study	2018

ULGA – company, Safonovo, Russia	Methanol production unit with capacity 1 000 000 TPY	- Feasibility study	2018
Meleuz mineral fertilizers, Meleuz, Russia	Repair of UKL-7-76 №2 for ammonium nitrate production and shipment. Capacity 450 000 TPY	- Investment feasibility study	2018
Askom	Methanol production with capacity 5000 TPD	- Investment feasibility study	2018
	Methanol production with capacity 2500 TPD	- Investment feasibility study	2018
Kazphosphate, Kazakhstan	Ammonia production with capacity 1 000 000 TPY	- Investment feasibility study	2018
KazAzot, Aktau, Kazakhstan	Ammonia\urea and (or) natural gas deep processing products production complex	- Investment feasibility study	2017
Novgorodsky GIAP, Veliky Novgorod, Russia	Ammonia and urea production complex (Dorogobuzh site)	- Feasibility study	2017
Yakut gas processing complex, Saha, Yakutsk, Russia	Preliminary planning and engineering at feasibility study stage (Methanol production unit with capacity 10000 TPD)	- Preconstruction surveys	2017
	Development of environmental impact assessment reports	- Environmental impact assessment - Assisting with ecological expertize approval	2017
Not disclosed (Confidential Information)	Methanol production	- Feasibility study	2017
Amec Foster Wheeler, Moscow, Russia	Methanol production unit with capacity 10000 TPD for Yakut Fuel and Energy Company	- Investment feasibility study	2017
Not disclosed (Confidential Information)	Methanol production unit	- Investment feasibility study	2017
Baltic Gas Chemical Company, Saint-Petersburg, Russia	M-15 production unit with capacity 15000 TPY for Chayandinskoye field.	- Development of declaration of intention	2017
CREON-ENERGY, Moscow, Russia	Methanol production unit with capacity 1mln TPY (Novoroscement site)	- Methanol production unit tie- up for site infrastructure	2017
Jugterminalproect, Moscow, Russia	Methanol- Ammonia-Urea complex (Taman region)	- Front-end engineering design	2017
Azot, Kemerovo, Russia	UAN production unit with capacity 150000 TPD	- Investment feasibility study	2017

Technoleasing, Moscow, Russia	Methanol production unit (Skovorodino, Amur region)	- Investment feasibility study	2017
Novgorodsky GIAP, Veliky Novgorod, Russia	- Sulfuric acid production unit - Wet-process phosphoric acid production unit; - Monoammonium phosphate (MAP) and/or diammonium phosphate (DAP) production unit	- Investment feasibility study	2016
Metafrax, Gubakha, Russia	Ammonia-urea-melamine complex	- Reviewing options for site location - Development of declaration of intention - Environmental impact assessment - Conducting public hearings	2015 -2016
MMC Norilsk Nickel, Moscow, Russia	Urea production complex (Dudinka site)	- Investment feasibility study	2016
LLC Zhilevskaya kremniorganika, Sitne-shchelkanovo, Moscow region, Russia	Ammonia-urea complex	- Investment feasibility study	2016
ShchekinoAzot, Shchekino, Russia	Methanol production unit with capacity 500000 TPY	- Reviewing options for methanol unit location at ShchekinoAzot site	2016
	Ammonia-urea complex	- Development of declaration of intention	2016
	Sulphuric acid production unit construction	- Site location estimation	2015
Grodno Azot, Grodno, Belarus	Nitrogen complex (ammonia-urea-hydrogen)	- Investment feasibility study	2015
KuibyshevAzot, Togliatti, Russia	Urea production unit	- Investment feasibility study	2014
Sibmetahim, Tomsk, Russia	Chemicals manufacturing unit (synthetic fluid \ ammonia-urea melamine complex)	- Expert economic assessment	2014
CREON-ENERGY, Moscow, Russia	Methanol production with capacity 5000 TPD (Ust-Luga region)	- Investment feasibility study	2014
Rosstroy, Novocherkassk, Russia	Ammonia-urea complex	- Investment feasibility study	2014
PhosAgro, Cherepovets, Russia	Granulated urea production unit with capacity 1500 TPD	- Pre-feasibility study	2014

	Ammonia production unit AM-3 (capacity 2200 TPD)	- Pre-feasibility study	2013- 2014
National Chemical Company, Russia	Gaz -chemical complex (Kozmino, Primorsky territory)	- Declaration of intention development - Environmental Impact assessment - Conducting public hearings	2013
ICM, Saint-Petersburg, Russia	Ammonia –urea complex (Kingisepp region, Leningrad region)	- Declaration of intention development; - Environmental impact assessment	2012-2013
Minudobreniya, Rossosh, Russia	Ammonia-urea complex	- Investment feasibility study	2012
ShchekinoAzot, Shchekino, Russia	Ammonia-urea complex	- Investment feasibility study	2011
	Hydrogen production unit	- Investment feasibility study	2010- 2011
Balakovo Mineral Fertilisers (PhosAgro), Balakovo, Russia	Above-ground ammonia storage unit	- Investment feasibility study	2010
Technical assessment & inspection services			
EuroChem, NevAzot, Nevinnomysk, Russia	Urea production unit 2A inspection to improve synthesis unit efficiency when operating urea unit and melamine production facility jointly	- Technical inspection	2019
Maxam-Chirchik, Chirchik, Uzbekistan	Urea production unit inspection to develop options to reduce emissions and minimize the amount of effluents.	- Technical inspection	2019
EuroChem, NAK Azot, Novomoskovsk, Russia	Technical inspection of evaporation unit (urea plant № 2)	- Technical inspection - Issuing recommendations	2019
Maxam-Chirchik, Chirchik, Uzbekistan	Technical inspection of nitric acid production units AK-72M\AK-72	- Technical inspection	2019
PMU, UralChem, Perm, Russia	Certification of measurement procedures	- Evaluation and confirmation of compliance of measurement procedures with the established requirements - Modifying measurement procedures to bring them in line with the requirements	2018
Grodno Azot, Grodno, Belarus	Complex inspection of Urea 3 plant	- Technical inspection	2018

TechnoChimReagentBel, Grodno, Belarus	Certification of measurement procedures	<ul style="list-style-type: none"> - Evaluation and confirmation of compliance of measurement procedures with the established requirements - Modifying measurement procedures to bring them in line with the requirements 	2018
	Certification of measurement procedures	<ul style="list-style-type: none"> - Evaluation and confirmation of compliance of measurement procedures with the established requirements - Modifying measurement procedures to bring them in line with the requirements 	2017
Union of producers and consumers of automobile chemical goods, Moscow, Russia	Certification of measurement procedures	<ul style="list-style-type: none"> - Evaluation and confirmation of compliance of measurement procedures with the established requirements - Modifying measurement procedures to bring them in line with the established requirements 	2017
PhosAgro, Cherepovets, Russia	Revision of existing operating procedures (urea production units № 1 and №2)	<ul style="list-style-type: none"> - Making amendments to the operating procedures 	2017
Salavatnefteorgsintez Salavat, Russia	Field supervision and technical support during construction and commissioning (modernization of urea production unit №24 granulation section, capacity 1400 TPD)	<ul style="list-style-type: none"> - Field supervision - Technical support during construction - Commissioning 	2017
Gasprombank, Moscow, Azot, Kemerovo, Russia	Technical inspection of SDS- Azot urea production facilities	<ul style="list-style-type: none"> - Equipment & urea production process condition assessment, development of engineering solutions optimizing technological processes, reducing energy consumption and enhancing reliability of unit operation. 	2017
Grodno Azot, Grodno, Belarus	Development of technical solutions for distillation gases	<ul style="list-style-type: none"> - Investment feasibility study 	2017

	treatment unit (urea plant №2)		
EuroChem, NAK Azot, Novomoskovsk, Russia	Technological inspection of the prilling tower (complex fertilizers production plant, ammonium nitrate unit)	- Technical inspection - Issuing recommendations and developing engineering solutions optimizing prilling tower technological mode.	2016
Azot, Kemerovo, Russia	Complex technical inspection of urea production plant (Technimont technology)	- Technical inspection - Development of engineering solutions optimizing technological processes, reducing energy consumption and enhancing reliability of unit operation - Investment evaluation	2015
EuroChem, NevAzot, Nevinnomyssk, Russia	Technical inspection (urea plant № 2, urea units 1-3)	- Technical inspection - Development of engineering solutions reducing energy consumption and increasing capacity - Feasibility study	2015
Research Institute for Mineral Fertilizers (NIUIF), Moscow, Russia	Development of a reference guide on most appropriate technologies used to produce ammonia, mineral fertilizers and mineral acids (sections developed by NIIK: ammonia, NA, AN, CAN, urea, UAN). Scientific and technical support to get the approval of expertise.		2015
EuroChem, NevAzot , Nevinnomyssk, Russia	Complex technical inspection (melamine\urea units №2a)	- Technical inspection - Development of engineering solutions optimizing technological process during operation with melamine unit	2014
FNTC Group spol.s r.o, Czech Republic	Technical inspection of urea plant at FerganaAzot	- Technical inspection	2013
EuroChem, NAK Azot, Novomoskovsk, Russia	Technological inspection (urea plant №3, second line) aimed at capacity increase to 1600 t/d	- Technical inspection	2012
	32,5% urea solution production unit (capacity 100000 TPY)	- Urea units technical inspection considering	2011

	including urea solution treatment unit on the basis of urea plant № 2 evaporation unit	the construction of a new unit	
Acron, Veliky Novgorod, Russia	Technical inspection of urea plant aimed at capacity increase and energy saving	- Technical inspection	2010-2011
PhosAgro, Cherepovets, Russia	Technological monitoring of urea unit performance in order to reduce ammonia consumption	- Technical inspection	2009
Severodonetsk Azot Association, Severodonetsk, Ukraine	Process monitoring of urea unit operation	- Technical inspection - Recommendation issuing for capacity increase and energy saving	2008
Minudobreniya, Perm, Russia	Monitoring of urea production unit equipment	- Technical inspection	2006
Diagnostics & repair services			
PJSC Togliattyazot, Togliatti, Russia	Inspection of dismantled Urea Reactor shell pos. 14-R-1	- Inspection	2022 to present
Apatit JSC (JSC PhosAgro), Cherepovets, Russia	Repair works of Urea reactor R-201 (manhole part of reactor liner and 3 nozzles)	- Repair procedure - Material procurement	2022 to present
Apatit JSC (JSC PhosAgro), Cherepovets, Russia	Eddy-current test of heat-exchange tubes of vessels	- Eddy-current testing	2022 to present
OJSC Grodno Azot, Grodno, Belorussia	Technical inspection and revamp of high pressure equipment	- Inspection and revamps	2022 to present
EuroChem, NevAzot, Nevinnomyssk, Russia	Eddy-current test of vessels pos.503	- Inspection	2022
PJSC Kuibyshevazot, Togliatti, Russia	Inspection and repair of urea reactor pos. 6/1 Urea plant No.4	- Inspection and revamps	2022
UralChem, Berezniki, Russia	Replacement of nozzles P1, P2, P3, P4 Replacement of bottom liner Replacement of three liner belts in the reactor R-901	- Revamps	2021
Azot, Kemerovo, Russia	Replacement of nozzles P1, P2, P3, P4 Replacement of bottom liner in the reactor R-901	- Revamps	2021

EuroChem, NAK Azot, Novomoskovsk, Russia	Repair of three liner belts of cylindrical part of Urea Reactor pos. 11-R-1	- Revamps	2021
Grodno Azot, Grodno, Belarus	Relining of Urea reactor R-201, Urea-3	- Revamps	2021
FHU Polimer Grzegorz Grzesik, Poland	Execution of repair work for cylinder shells No. 4 and 5 of column K-3 at the Uralchem site	- Revamps	2020
OJSC Grodno Azot, Grodno, Belorussia	Performing work on measuring the wall thickness of the high pressure stripper lining pipes pos. E-201 of workshop Urea-3	- Inspection	2020
	Performance of services for measuring the wall thickness of the tubes of the tube bundle of the heater item 116 by the eddy current method of the ammonia shop-4	- Inspection	2020
PJSC Kuibyshevazot, Togliatti, Russia	Inspection of the corrosion and technical condition of heat exchange and tank equipment and elimination of the detected defects of the Urea Shop No. 4	- Inspection - Revamps	2020
NAK Azot JSC, Novomoskovsk, Russia (EuroChem Group AG)	Services for the inspection of the corrosion and technical condition of the main technological equipment of the Urea-3 workshop (2-pt.)	- Inspection	2020
AO Minudobrenia, Rossosh, Russia	Eddy current monitoring of the technical condition of 100% of the heat exchange tubes of the syngas heat exchanger in front of the methanator pos. 136-C	- Inspection	2020
PJSC Togliattyazot, Togliatti, Russia	Eddy current testing of heat exchange tubes of carbamate condensers pos. 11-E-5A, 11-E-5B, 14-E-5A, 14-E-5B of shop No. 08K of urea production	- Inspection	2020
Apatit JSC (JSC PhosAgro), Cherepovets, Russia	Eddy current testing of heat exchange tubes of pressure vessels in	- Inspection	2020

	workshops and factories JSC "Apatit"		
EuroChem, NevAzot, Nevinnomyssk, Russia	Technical supervision of repair works (distillation column for heavy fractions pos.D- 2203, №12A)	- Repair works	2020
Apatite, Volkhov, Russia	Eddy-current testing of heat exchanger tubes (for equipment operating under excessive pressure)	- Eddy-current testing	2019
EuroChem, NevAzot, Nevinnomyssk, Russia	Corrosion and technical inspection of urea synthesis reactors pos. 6/1, 6/4, distillation columns pos. K-7/1, K- 7/2, stripper-distillation units pos. T8/1, 8/2, mixers pos. 5/1, 5/2, 5/3, 5/4, air heaters pos. 20/3 (urea unit №2A)	- Corrosion inspection	2019
MOPCO, Egypt	Urea production unit MOPCO-2 corrosion inspection	- Corrosion inspection	2019
	Urea production unit MOPCO-3 corrosion inspection	- Corrosion inspection	2019
Industrial group Phosphorite, Leningrad region, Kingisepp, Russia	Eddy-current testing of heat recovery boiler and air heaters' heat- exchanger tubes	- Eddy-current testing	2019
AlexFert, Egypt	Recirculation heater internal surface heat exchanger tubes cleaning by thermo- pneumo-abrasive method	- Repair works	2019
KuibyshevAzot, Togliatti, Russia	Urea synthesis reactor pos. № 6/1 (№202KB) repairing	- Repair works	2019
EuroChem, NAK Azot, Novomoskovsk, Russia	Corrosion and technical inspection of urea production unit 3 main equipment (line 1)	- Corrosion inspection	2019
Azot, Kemerovo, Russia	Inspection and replacement of the urea synthesis reactor pos. R- 901 lining (dome, cylindrical sections)	- Repair works	2019
Grodno Azot, Grodno, Belarus	Lining repair of synthesis reactor pos. R- 201 urea plant №3	- Repair works	2019
«Meleuz mineral fertilizers», Meleuz, Russia	Repair of heat exchanger tubes of evaporation unit	- Repair works	2019

	pos. T-10 (ammonium nitrate production unit)		
EuroChem, NevAzot, Nevinnomyssk, Russia	Synthesis reactor relining (pos. 6/3, urea plant № 2)	- Repair works	2019
Apatite, Cherepovets, Russia	Eddy-current testing of pressure vessels' heat exchanger tubes	- Eddy-current testing	2019
Nitrogénművek Zrt., Hungary	Urea reactor R202 relining	- Relining&repair	2018
Metafrax, Gubakha, Russia Casale SA, Switzerland	Ammonia-urea-melamine complex	- Technical assistance during commissioning and guarantee testing of the prilling tower - Field supervision	2018 - 2021
PG Phosphorite, Leningrad region, Kingisepp, Russia	Eddy-current testing of heat recovery boiler tubes	- Eddy-current testing - Issuing recommendations for repairs	2018
TogliattiAzot, Togliatti, Russia	Equipment corrosion and technical inspection (urea plant № 08K)	- Corrosion inspection - Issuing recommendations for repairs	2018
UralChem, Berezniki, Russia	Corrosion inspection	- Corrosion inspection - Issuing recommendations for repairs	2018
Minudobreniya, Rossosh, Russia	Eddy current testing	- Eddy current testing - Issuing recommendations for repairs	2018
EuroChem, NevAzot, Nevinnomyssk, Russia	Corrosion and technical inspection of plant №2	- Corrosion and technical inspection - Issuing recommendations for repairs	2018
KuibyshevAzot, Togliatti, Russia	Relining of distillation column pos. K-7/2 of plant №4	- Repair works	2018
Grodno Azot, Grodno, Belarus	Lining repair of synthesis reactor pos. R-201 urea plant №4	- Repair works	2018
TogliattiAzot, Togliatti, Russia	Technical assistance on liner repair	- Issuing recommendations for repairs	2018
Apatite, Cherepovets, Russia	Replacement of mass-transfer trays in urea synthesis reactor pos. R-201 in urea plant №2	- Repair works	2018
	Eddy-current testing of pressure vessels' heat exchanger tubes	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2018

Belenergomash, Belgorod, Russia	Steel tubes samples intergranular corrosion testing	- Testing	2018
EuroChem, NAK Azot, Novomoskovsk, Russia	Corrosion and technical inspection of heat exchanger tubes of high pressure stripper pos. E- 201 using eddy current method.	- Corrosion and technical inspection - Issuing recommendations for equipment operating and repairing	2017
EuroChem, NevAzot, Nevinnomyssk, Russia	Cleaning heat exchangers pos. E-302 and E- 302B (urea production plant № 2A)	- Nondestructive testing - Equipment cleaning by thermo-pneumo- abrasive method	2017
Nitrogénművek Zrt., Pétfürdő Hungary	Corrosion and technical inspection of stripper pos. E-201 (urea production)	- Nondestructive testing	2017
Nitrogénművek Zrt., Pétfürdő Hungary	Cleaning heat exchanger tubes of stripper pos. E- 201 (urea production)	Electro-hydro- mechanical cleaning of heat exchanger tubes	2017
«Meleuz mineral fertilizers», Meleuz, Russia	Replacement of old tubes of evaporation unit (pos.T-10, ammonium nitrate production unit)	- Nondestructive testing - Development of repair method&technique - Repair works	2017, 2018
EuroChem, NevAzot, Nevinnomyssk, Russia Minudobreniya, Rossosh, Russia	Technical and corrosion inspection of urea synthesis reactors pos.6/1 and 6/3 (urea plant №2)	- Recommendations issue for equipment operating and repairing	2017
	Technical inspection of heat- exchanging tubes (plant AM-2)	- Nondestructive testing - Recommendations issue for equipment repairing	2017
Grodno Azot, Grodno, Belarus	Repair of the lining of the synthesis reactor manhole (pos. R-201, urea plant №3)	- Technical documentation development - Quality control of the works performed	2017
Grodno Azot, Grodno, Belarus TogliattiAzot, Togliatti, Russia	Technical and corrosion inspection of urea synthesis reactor pos. R- 201 and HP condenser pos. E-202 (urea plant № 3)	- Inspection - Issuing recommendations for repairing	2017
	Technical and corrosion inspection of urea synthesis reactor pos. R- 201, HP stripper pos. E- 201 and HP condenser pos. E-202 (urea plant № 4)	- Inspection - Issuing recommendations for repairing	2017
	Inspection and development of recommendation for 14-	- Nondestructive testing - Issuing recommendations for repairing	2017

	R-1 synthesis reactor relining (urea production unit 08K)		
Kuibyshev Azot, Togliatti, Russia	Corrosion and technical inspection of the main technological equipment of urea production unit	- Nondestructive testing - Issuing recommendations for repairing	2017
EuroChem, NevAzot, Nevinnomyssk, Russia	Corrosion inspection and technical supervision of repair works on distillation column for heavy fractions (pos.D-2203, №12A)	- Nondestructive testing - Recommendations' issue for repairing - Quality control of the works performed	2017
PhosAgro Cherepovets, Russia	Eddy-current testing of pressure vessels' heat exchanger tubes	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2017
ZNIGO, Borisoglebsk, Voronezh region, Russia	Inspection of heat exchanger tubes of reflux condenser (urea production unit)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2017
Sorovskneft, Tyumen, Russia	Inspection of heat exchanger tubes of S&T oil heaters	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2016
EuroChem, NevAzot, Nevinnomyssk, Russia	Inspection of heat exchanger tubes (urea plant 2A)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2016
	Synthesis reactor dome relining (pos.6/1, plant №2)	- Development of repair method & technique - Repair works	
Grodno Azot, Grodno, Belarus	Synthesis reactor relining on 2400 mm height (pos. R-201, Urea-3)	- Development of repair method & technique - Repair works	2016
	Technical and corrosion inspection of HP reactor pos. R-201, HP stripper pos. E-201(Urea-3)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	
Egyptian Fertilizers Company (EFC), El Ain Sukhna, Egypt	Relining of urea reactor 322-R-00 (Urea Plant EFC-1 Suez Fertilizers Co.)	- Inspection - Development of repair method & technique - Repair works	2016
UralChem, Azot, Berezniki, Russia	Relining of urea synthesis reactor pos. R-901	- Development of repair method & technique Repair works	2016
EuroChem, NAK Azot, Novomoskovsk, Russia	Inspection of heat exchanging tubes using eddy current	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2016

	method (urea plant № 3, second line)		
EuroChem, NAK Azot, Novomoskovsk, Russia PhosAgro Cherepovets, Russia	Corrosion and technical inspection of urea synthesis reactor pos. 6/1 (urea plant №2)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2016
	Eddy-current testing of pressure vessels' heat exchanger tubes	- Nondestructive testing Issuing recommendations for equipment operating and repairing	2016
PhosAgro Cherepovets, Russia «Meleuz mineral fertilizers», Meleuz, Russia	Eddy-current testing of heat- exchanger tubes of carbamate condenser pos. E-202	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2016
	Replacement of old tubes of evaporation unit (pos.T-10, ammonium nitrate production unit)	- Nondestructive testing - Development of repair method & technique - Repair works	2015
Grodno Azot, Grodno, Belarus	Corrosion and technical inspection of synthesis reactor pos.R-201, high-pressure scrubber pos. E-203, high-pressure stripper pos. E-201, high-pressure condenser pos.E-202 (urea unit 3 and urea unit 4)	- Nondestructive testing Issuing recommendations for equipment operating and repairing	2015
Nitrogénművek Zrt., Pétfürdő Hungary	Corrosion and technical inspection of stripper pos. E-201 (urea production)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2015
Azot, Cherkassy, Ukraine	Development of technical documentation to replace three lining belts of cylindrical section of urea synthesis reactor.	- Technical documentation development - Field supervision during manufacturing of equipment parts	2015
Minudobreniya, Rossosh, Russia	Inspection of heat exchanging tubes of nitrous gases coolers (nitric acid production unit AK-72, the second stage)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2015
TogliattiAzot, Togliatti, Russia	Corrosion and technical inspection of the main technological equipment, pipelines and valves for urea plant №1,2	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2015

PhosAgro Cherepovets, Russia	Eddy-current testing of pressure vessels' heat exchanger tubes	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2015
DniproAZOT, Dneprodzerzhinsk, Ukraine	Technical inspection of heat exchanger equipment (urea plant №1, urea plant №2)	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2014
Grodno Azot, Grodno, Belarus	Corrosion inspection of HP urea synthesis reactor pos. R-201, HP stripper pos. E-201, HP scrubber pos. E-203 (urea plant №3); HP stripper pos. E-201, HP condenser pos. E-202, additional heat exchanger section for preheater pos. E-302 (urea plant №4)	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2014
Grodno Azot, Grodno, Belarus Azot, Cherkassy, Ukraine	Repair of two lining belts (urea synthesis reactor pos. R-201, urea plant №3)	<ul style="list-style-type: none"> - Technical documentation development - Quality control of the works performed. 	2014
	Corrosion and technical inspection of gas pipelines, HP heat exchangers, tanks and vessels of plant M-6 (synthesis reactor pos. R-201, stripper pos. E-201, condenser pos. E-202, pipelines reg. No 481, 532, 534, 535)	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2014
Azot, Cherkassy, Ukraine DniproAZOT Dneprodzerzhinsk, Ukraine	Inspection of heating chamber exchanging tubes (evaporation unit pos. 5/1 and 5/2, plant M-9)	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2014
	Corrosion and technical inspection of lining and internal devices (reactor, stripper, condenser, scrubber) for urea plant № 1 and urea plant № 2.	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2014
Kuibyshev Azot, Togliatti,	Corrosion and technical inspection of main	<ul style="list-style-type: none"> - Nondestructive testing 	2014

Russia	equipment for urea plant № 4	- Issuing recommendations for equipment operating and repairing	
EuroChem, NAK Azot, Novomoskovsk, Russia	Corrosion inspection of heat exchange equipment (urea plant №3 (line 2))	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2014
Severodonetsk Azot Association, Severodonetsk, Ukraine	Corrosion and technical inspection of synthesis reactors internal surface (urea plant M-3)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
Azot, Cherkassy, Ukraine	Inspection and surveying of reformer and heat exchanger equipment for plant A-5	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
Grodno Azot, Grodno, Belarus	Corrosion inspection of urea synthesis reactor for urea plant № 4.	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
Grodno Azot, Grodno, Belarus Azot, Kemerovo, Russia	Technical inspection of urea synthesis reactor and HP condenser for urea plant № 3	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
	Synthesis reactor repair support services	- Technical documentation development - Technical inspection - Quality control of the works performed	2013
PhosAgro Cherepovets, Russia	Eddy-current testing of pressure vessels' heat exchanger tubes	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
EuroChem, NAK Azot, Novomoskovsk, Russia	Corrosion and technical inspection of main technological equipment (urea plant №3 (first line))	- Nondestructive testing - Issuing recommendations for	2013

		equipment operating and repairing	
Acron, Veliky Novgorod, Russia	Inspection of heat exchanging tubes of condenser pos. T-506 (urea unit № 5).	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
Acron, Veliky Novgorod, Russia EuroChem, NevAzot, Nevinnomyssk, Russia	Corrosion and technical inspection of urea synthesis reactor K-501 (urea unit № 5)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
	Corrosion inspection using eddy current testing of equipment (plant № 2A, 12A)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
AB Achema, Lithuania	Corrosion inspection of urea synthesis reactor (Ø1600mm) and HP mixer.	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
FNTC Group spol.s r.o, Czech Republic	Corrosion and technical inspection of urea plant, ammonium nitrate and nitric acid units for FerganaAzot	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
Azot, Cherkassy, Ukraine	Corrosion and technical inspection of equipment (urea plant M-2)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
Grodno Azot, Grodno, Belarus	Inspection of absorber ferromagnetic heat exchanger tubes (ammonia plant № 4)	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2013
Razi Petrochemical Company Iran	Corrosion inspection of urea plant equipment	- Nondestructive testing - Issuing recommendations for equipment operating and repairing	2012-2013

Acron, Veliky Novgorod, Russia	Corrosion and technical inspection of distillation column pos. 7/2 (urea plant)	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2012
Salavat Neftekhimremstroy, Salavat, Russia	Repair of urea synthesis reactor pos. 6-1, 6-2 (Gas and Chemical plant «Gasprom nephtehim Salavat», plant № 50)	<ul style="list-style-type: none"> - Corrosion and technical inspection - Repair works - Quality control of the works performed 	2012
Grodno Azot, Grodno, Belarus	Heat-exchanger tubes inspection (HP equipment of urea plant №3)	<ul style="list-style-type: none"> - Nondestructive testing 	2012
Azot, Cherkassy, Ukraine	Ferromagnetic heat-exchanger tubes inspection (pos. 1140-C, ammonia plant A-5)	<ul style="list-style-type: none"> - Nondestructive testing 	2012
Azot, Cherkassy, Ukraine Azot, Kemerovo, Russia	Corrosion and technical inspection of equipment (urea plant M-6)	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2012
	Emergency repair of the lining of synthesis reactor pos.R-901 (urea plant).	<ul style="list-style-type: none"> - Location of the defect - Reactor body repairing - Quality control of the works performed 	2012
EuroChem, NevAzot, Nevinnomyssk, Russia	Corrosion and technical inspection of equipment (urea plant №2)	<ul style="list-style-type: none"> - Nondestructive testing - Issuing recommendations for equipment operating and repairing 	2012
Concern Stirol, Gorlovka, Ukraine	Complex repair of synthesis reactor pos. R-901 (urea plant, location1)	<ul style="list-style-type: none"> - Technical documentation development - Repair works - Technical inspection of the works performed. 	2012-2013
Concern Stirol, Gorlovka, Ukraine	Emergency repairing of synthesis reactor pos. R-901 (urea plant, location 1)	<ul style="list-style-type: none"> - Location of the defect - Reactor body repairing - Technical inspection of the works performed 	2012-2013
EuroChem, NAK Azot, Novomoskovsk, Russia	Corrosion and technical inspection of critical equipment (urea plant № 3, second line)	<ul style="list-style-type: none"> - Nondestructive testing 	2012
Acron, Veliky Novgorod, Russia	Lining replacement of synthesis reactor pos. 6/4 (urea plant)	<ul style="list-style-type: none"> - Technical documentation development - Technical inspection 	2012-2013

		- Quality control of the works performed	
UralChem, Azot, Berezniki, Russia	Repair of cylindrical section of the lining of synthesis reactor pos. R-901 (urea plant).	- Corrosion and technical inspection of lining - Technical documentation development - Technical inspection - Quality control of the works performed.	2012
Gazprom Neftekhim Salavat Salavat, Russia	Lining replacement of the bottom parts of urea synthesis and distillation column (urea plant №50)	- Technical documentation development	2012
Agro-Cherepovets, Cherepovets, Russia	Corrosion and technical inspection of critical equipment (urea plant).	- Corrosion and technical inspection of lining using NDT - recommendation issue for equipment operating and repairing	2012
Azot, Kemerovo, Russia	Emergency repairing of the heat exchanger cover pos. E-902 (urea plant)	- Location of the defect - Repair support services	2012
Togliattiazot, Togliatti, Russia	Repair of the lining of HP stripper of urea plant	- Location of the defect - Repair support services	2012
Gazprom Neftekhim Salavat, Salavat, Russia	Emergency repairing of synthesis reactor 6/1 (urea plant №50).	- Location of the defect - Repair support services	2011
EuroChem, NAK Azot, Novomoskovsk, Russia	Corrosion and technical inspection of critical equipment (urea plant № 3, first line)	- Inspection	2011
Odessa Port Plant, Yuzhny, Ukraine	Corrosion and technical inspection of high pressure equipment (urea plant № 2)	- Inspection	2011
Acron, Veliky Novgorod, Russia	Corrosion and technical inspection of urea synthesis reactor (urea plant № 5)	- Inspection	2011-2012
UralChem, Azot, Berezniki, Russia	Repair of the lining of urea unit synthesis reactor	- Location of the defect - Repair support services	2011
EuroChem, NevAzot, Nevinnomyssk, Russia	Repair of two lining belts in urea reactor (urea plant 2A)	- Technical documentation development - Repairing works assistance - Quality control of the works performed	2011
PhosAgro, Cherepovets, Russia	Cleaning of heat exchanging equipment	- Removing scales from evaporating unit (first stage) tubes by thermo-	2011

	of evaporation unit (first stage)	pneumo-abrasive method	
Acron, Veliky Novgorod, Russia	Technical guidance for relining of urea synthesis reactor pos. 6/2 of urea plant	- Technical documentation development - Repairing works assistance - Quality control of the works performed	2011
EuroChem, NevAzot, Nevinnomyssk, Russia	Corrosion and technical inspection of equipment (plants №2, №2A)	- Inspection	2011
DniproAZOT Dneprodzerzhinsk, Ukraine	Corrosion and technical inspection of equipment (urea plant№1 and urea plant №2)	- Nondestructive testing - Recommendation issue for equipment operating and repairing	2011-2012
Concern Stirol, Gorlovka, Ukraine	Corrosion and technical inspection of sections №1 and №2 (urea plant)	- Inspection	2011
Odessa Port Plant, Yuzhny, Ukraine	Corrosion and technical inspection of equipment (urea units №1 and № 2)	- Inspection	2010
EuroChem, NevAzot, Nevinnomyssk, Russia	Corrosion and technical inspection of equipment (urea plant №2)	- Inspection	2010
EuroChem, NevAzot, Nevinnomyssk, Russia Acron, Veliky Novgorod, Russia	Technical guidance for partial relining of synthesis reactor 6/3	- Technical documentation development - Technical guidance of repair works	2010
	Corrosion inspection of urea synthesis reactor 6/2	- Inspection	2010
Acron, Veliky Novgorod, Russia	Industrial safety expertise	- Diagnostics of urea synthesis reactor 6/1 and 6/4	2010
Azot, Cherkassy, Ukraine	Cleaning of heat exchanging equipment of MP distillation	- Removing scales from heat exchanging tubes by pneumocurrent method	2010
	Corrosion inspection of equipment (urea plant M-2 and M-6)	- Inspection	2010
Azot, Cherkassy, Ukraine PhosAgro, Cherepovets, Russia	Relining of upper part of urea synthesis reactor (plant M-2)	- Development of technical documentation - Repair works - Quality control of the works performed	2010
	Corrosion and technical inspection of urea plant equipment	- Nondestructive testing	2010
DniproAzot, Dneprodzerzhinsk, Ukraine	Corrosion and technical inspection of equipment (urea plant №1 and urea plant № 2)	- Inspection	2010

EuroChem, NAK Azot, Novomoskovsk, Russia	Technical guidance of partial relining of synthesis reactor 6/2	<ul style="list-style-type: none"> - Technical documentation development - Repairing works assistance - Quality control of the works performed 	2010
Azot, Kemerovo, Russia	Corrosion inspection of urea synthesis reactor	<ul style="list-style-type: none"> - Inspection 	2010
EuroChem, NevAzot, Nevinnomyssk, Russia	Corrosion and technical inspection (urea units №2 and №2a)	<ul style="list-style-type: none"> - Inspection 	2009
EuroChem, NevAzot, Nevinnomyssk, Russia	Industrial safety expertise of technical devices (urea plant №2)	<ul style="list-style-type: none"> - Corrosion and technical inspection 	2008
EuroChem, NAK Azot, Novomoskovsk, Russia	Repair of the lining of synthesis reactor, separator and stripper (urea plant №3)	<ul style="list-style-type: none"> - Technical assistance 	2008
Azot, Kemerovo, Russia	Repair of urea synthesis reactor	<ul style="list-style-type: none"> - Development of technical documentation and technical guidance for urea synthesis reactors repair 	2008
DniproAzot, Dneprodzerzhinsk, Ukraine	Industrial safety expertise of technical means	<ul style="list-style-type: none"> - Corrosion and technical inspection 	2008
R&D Institute of Measurement Systems, Nizhny Novgorod, Russia	Process diagnostic to determine the remaining service life of equipment and pipelines of treatment plants.	<ul style="list-style-type: none"> - Inspection 	2007
Rikor Electronics, Arzamas, Russia	Industrial safety expertise of technical means	<ul style="list-style-type: none"> - Equipment diagnostics 	2007
PhosAgro, Cherepovets, Russia	Industrial safety expertise of pressurized vessels (urea plant)	<ul style="list-style-type: none"> - Equipment diagnostic and expert conclusion for service life extension of equipment 	2007
EuroChem, NevAzot, Nevinnomyssk, Russia	Repair of two lining belts (urea reactor)	<ul style="list-style-type: none"> - Development of technical documentation - Supervising manufacturing of the material - Technical assistance - Field supervision 	2007
EuroChem, NAK Azot, Novomoskovsk, Russia	Inspection of stripper tubes by eddy-current method	<ul style="list-style-type: none"> - Inspection 	2007
EuroChem, NAK Azot, Novomoskovsk, Russia	Corrosion inspection of stripper	<ul style="list-style-type: none"> - Inspection 	2007
FerghanaAzot, Uzbekistan	Corrosion inspection of critical vessels and pipelines (urea plant)	<ul style="list-style-type: none"> - Inspection 	2007

DniproAzot, Dneprodzerzhinsk, Ukraine	Corrosion and technical inspection of HP reactor, stripper, condenser (plant №2)	- Inspection - Repair procedure development - Repair works	2007
Equipment procurement			
For production complexes			
Metafrax, Gubakha, Russia	Ammonia-urea-melamine complex	- Equipment procurement for OSBL facilities	2016-2021
Metafrax, Gubakha, Russia	Ammonia-urea-melamine complex	- Equipment procurement for prilling tower construction	
Casale SA, Switzerland			
Ammoni, Mendelevsk, Russia	Ammonia- methanol-urea complex	- Equipment procurement for OSBL facilities	2010-2015
For ammonia production units			
PhosAgro, Cherepovets, Russia	Ammonia production unit AM-3 (capacity 2200 TPD)	- Equipment procurement for analytical laboratory	2016-2017
For urea production units			
Not specified under the terms of confidentiality	Technical re-equipment of the synthesis column for urea production	- Equipment supply - Equipment installation	2022
MOPCO, Egypt	Urea production	- Equipment supply - Equipment installation (lining elements of the reactor 322R001)	2022
Not disclosed (Confidential Information)	UAN production unit	- Package procurement	2020-2021
Not disclosed (Confidential Information)	Urea production unit	- Equipment procurement (vortex mixer)	2021
Not disclosed (Confidential Information)	Urea production unit	- Critical equipment procurement for urea unit modernization project	2021
Chambal Fertilisers and Chemicals Limited (CFCL), India	Urea production unit modernization (procurement & installation of Vortex Mixer to urea synthesis reactor) aimed at energy saving.	- Equipment procurement & installation	2018
Acron, Veliky Novgorod, Russia	Urea production unit №6 construction with capacity 600 TPD	- Equipment procurement	2017-2018
Rashtriya Chemicals and Fertilizers Ltd., Mumbai, India	Urea units modernization (Thal)	- Procurement & installation of three sets of Internal Devices	2017-2018
Gujarat Narmada Valley Fertilizers & Chemicals Ltd, India	Urea unit modernization	- Procurement & installation of vortex mixer into urea synthesis reactor	2017
KuibyshevAzot, Togliatti, Russia	Technical modernization of urea	- Equipment procurement	2016-2017

	unit № 4 (evaporation, hydrolysis and desorption sections)		
Rashtriya Chemicals and Fertilizers Ltd., Mumbai, India	Trombay V urea plant modernization	- Procurement & installation of a Set of Internal Devices comprising Vortex Mixer and Conversion Booster for urea synthesis reactor	2015 -2016
Casale SA, Switzerland	Urea production unit and new prilling tower construction (capacity 2200 TPD) at TogliattyAzot site	- Equipment procurement for prilling tower and new urea reactor support facilities.	2015-2022
EuroChem, NAK Azot, Novomoskovsk, Russia	Revamp of urea unit 2 (gas vent elimination)	- Equipment procurement	2012-2015
PhosAgro- Cherepovets, Cherepovets, Russia	Urea production plant (section № 2) technical modernization with capacity increase to 1600 TPD	- Supervising equipment manufacturing	2014-2016
EuroChem, NAK Azot, Novomoskovsk, Russia	Technical modernization of the urea production plant №2	Equipment procurement	2013-2016
EuroChem, NAK Azot, Novomoskovsk, Russia Nagarjuna Fertilizers and Chemicals Limited, India	32,5% urea solution production unit (capacity 100000 TPY) including urea solution treatment unit on the basis of urea plant № 2 evaporation unit	- Equipment procurement	2013-2015
	Urea synthesis unit № 2 modernization	- Procurement & installation of vortex mixer into urea synthesis reactor	2013
Acron, Veliky Novgorod, Russia	Urea production units (1-4) revamping aimed to capacity increase up to 2000 TPD and feedstock/energy saving	- Equipment procurement	2016
Azot, Cherkassy, Ukraine	Design and procurement of HP stripper pos. E-201 with capacity increase up to 1500 TPD (urea plants M-2)	- HP stripper design and procurement	2011-2012
Azot, Kemerovo, Russia	Urea production unit revamping with high speed drum granulator installation	- Equipment procurement	2011-2013
Acron, Veliky Novgorod,	Evaporation system for urea production unit	- Equipment procurement	2011-2013

Russia	and prilling tower modernization with capacity increase		
Maxam-Chirchik, Chirchik, Uzbekistan	Modernization and technical upgrading of urea unit	- Equipment procurement - Commissioning	2010-2012
UralChem, Azot, Berezniki, Russia	Urea synthesis reactor modernization	- Set of Internal Devices procurement - Field supervision	2010
Salavatnefteorgsintez Salavat, Russia	Prilling towers' modernization for urea plant №24	- Equipment procurement - Commissioning	2009-2010
PhosAgro Cherepovets, Russia	Prilling tower for urea production (capacity of 1500 TPD)	- Equipment procurement	2008-2012
Acron, Veliky Novgorod, Russia	Urea unit №5 on the basis of relocated unit	- Equipment procurement	2007–2011
EuroChem, NAK Azot, Novomoskovsk, Russia	Revamp of urea plant №3 with capacity increase to 2000 TPD	- Material procurement	2007–2010
Severodonetsk Azot Association, Severodonetsk, Ukraine	Urea unit revamp with capacity increase from 1200 up to 1500 TPD	- Equipment procurement	2007–2010
EuroChem, NevAzot, Nevinnomyssk, Russia	Urea evaporation unit for melamine plant	- Equipment procurement	2008 – 2010
KuibyshevAzot, Togliatti, Russia	Revamp of urea unit with capacity increase	- Equipment procurement - Field supervision	2007–2008
Severodonetsk Azot Association, Severodonetsk, Ukraine	Urea unit revamp with capacity increase from 1000 up to 1200 TPD	- Equipment procurement	2006-2007
PhosAgro, Cherepovets, Russia	Revamping of distillation unit with capacity increase (urea production plant)	- Equipment procurement	2007
Salavatnefteorgsintez Salavat, Russia	Revamping of urea plant №50	- Equipment procurement	2006 –2008
Azot, Kemerovo, Russia	Revamp of urea synthesis unit	- Procurement of internals into reactor pos. R-101	2006
Grodno Azot, Grodno, Belarus	Revamp of urea production unit, installation of recuperator	- Field supervision - Equipment procurement	2006
Acron, Veliky Novgorod, Russia	Installation of the 5 th urea synthesis reactor	- Equipment procurement	2006
NevAzot, Nevinnomyssk, Russia	Revamping of urea production plant №2	- Equipment procurement - Field supervision	2006
Azot, Kemerovo, Russia	Revamp of urea synthesis unit	- Procurement of internals into reactor pos. R-101 - Field supervision	2006

For ammonia nitrate production unit			
KazAzot, Aktau, Kazakhstan	Ammonia nitrate production unit modernization: HSDG for ammonia nitrate manufacturing	- Equipment procurement	2011-2012
For warehouses			
Pervouralsky novotrubny works, Perovuralsk, Russia	Revamp of liquid ammonia storage unit № 33	- Equipment procurement	2006-2007
Zawolzhsky Motorny Zawod, Zavolshye, Russia	Revamp of sulphuric acid storage unit	- Turnkey project	2006-2007
Zawolzhsky Motorny Zawod, Zavolshye, Russia Nizhegorodsky machine-building plant, Russia	Petrol storage unit	- Turnkey project	2006
	Revamping of chlorine storage unit and chlorinator	- Turnkey project	2006-2007
For other facilities			
Not disclosed (Confidential information)	Installation of the hydro foamy filtration system (wet scrubbing)	- Equipment procurement	2019
QAFCO (Qatar Fertilizer Company), Qatar	Multipurpose High Speed Drum Granulation (HSDG) Pilot Plant for production of Granulated Urea with additives, capacity 100 kg per hour	- Equipment procurement - Field supervision, - Commissioning	2014-2015
PVFCCo, Phu My I, Ba Ria Vung Tau, Vietnam	HSDG unit for production of compound fertilizers (capacity 100 kg/h)	- Equipment procurement - Field supervision - Commissioning	2014-2015
Zawolzhsky Motorny Zawod, Zavolshye, Russia	Project development and construction of testing station for diesel engines	- Turnkey project	2009
For equipment repairing			
EuroChem, NevAzot, Nevinnomyssk, Russia	Repair of cylindrical section of the lining of synthesis reactor pos. 6/1 (urea plant 2)	- Equipment procurement	2021
Meleuz mineral fertilizers, Meleuz, Russia	Replacement of old tubes of evaporation unit (pos. T-10, ammonium nitrate production unit AS-72M)	- Metal structures procurement for repairing works	2017
Grodno Azot, Grodno, Belarus	Repair of the lining of the synthesis reactor manhole (pos. R-201, urea plant №3)	- Metal structures procurement for repairing works	2017

Egyptian Fertilizers Company (EFC), El Ain Sukhna, Egypt	Relining of urea reactor 322-R-00 (Urea Plant EFC-1 Suez Fertilizers Co.)	- Metal structures procurement for repairing works	2016
Meleuz mineral fertilizers, Meleuz, Russia	Replacement of old tubes of evaporation unit (pos.T-10, ammonium nitrate production unit)	- Equipment procurement	2015
Grodno Azot, Grodno, Belarus	Repair of two lining belts (urea synthesis reactor pos. R-201, urea plant №3)	- Metal structures procurement for repairing works	2014
Grodno Azot, Grodno, Belarus Azot, Kemerovo, Russia	Corrosion inspection of urea synthesis reactor (urea plant №4)	- Metal structures procurement for repairing works	2013
	Synthesis reactor repair support services	- Metal structures procurement for repairing works	2013
Concern Stirol, Gorlovka, Ukraine	Complex repair of synthesis reactor pos. R-901 (urea plant, location1)	- Metal structures procurement for repairing works	2012-2013
Acron, Veliky Novgorod, Russia	Lining replacement of synthesis reactor pos. 6/4 (urea plant)	- Metal structures procurement for repairing works	2012-2013
UralChem, Azot, Berezniki, Russia	Repair of cylindrical section of the lining of synthesis reactor pos. R-901 (urea plant)	- Metal structures procurement for repairing works	2012
EuroChem, NevAzot, Nevinnomysk, Russia	Repair of two lining belts in urea reactor (urea plant 2A)	- Metal structures procurement for repairing works	2011
Acron, Veliky Novgorod, Russia	Set of internal devices installation into urea plant reactor №5	- Metal structures procurement for repairing works	2011
Acron, Veliky Novgorod, Russia Azot, Cherkassy, Ukraine	Technical guidance for relining of urea synthesis reactor pos. 6/2 of urea plant	- Metal structures procurement for repairing works	2011
	Relining of upper part of urea synthesis reactor (plant M-2)	- Metal structures procurement for repairing works	2010
EuroChem, NAK Azot, Novomoskovsk, Russia	Technical guidance of partial relining of synthesis reactor 6/2	- Metal structures procurement for repairing works	2010
EuroChem, NevAzot, Nevinnomysk, Russia	Repair of two lining belts (urea reactor)	- Supervising manufacturing of material	2007
Kuibyshev Azot, Togliatti, Russia	Revamping of urea storage unit	- Field supervision - Commissioning works	2007
Fertalge Industries SPA, Algeria	Prilling tower for urea production	- Field supervision	2002-2005