



## PEG team has managed and successfully achieved the following major projects:

## Engineering Consultancy Services

Year	Country	Client	Project	Service provided
2020	Saudi Arabia		Contract for Consultancy & Engineering Services for the Supervision of the Project Execution for Greenfield Cement Plant of 2 x 10'000 tpd Clinker lines and a Captive Power Plant of 145 MW on an EPC Turnkey Contracting Basis, near Riyadh Kingdom of Saudi Arabia	Supervision of the Project Execution for Greenfield Cement Plant on an EPC Turnkey Contracting Basis
2019	Saudi Arabia	United Cement Wadustrial Georgeany Company	Contract for Consultancy Services to Study, Tender and Supervise the Implementation of Soot Combustion (AFR) Jeddah, Saudi Arabia	Data Collection Mission, Technical Study, Tendering and Contracting, Project Execution
2018	Pakistan	Saif Cement Private Limited	Contract for Consulting and Engineering Services for a Greenfield cement production plant of 7'000 tpd clinker production line on an EPC turnkey contracting basis, near Di Khan, Pakistan	Site mission, evaluation of the geological report, project technical study, tender documents preparation, evaluation of contractors' bids, assistance to the client during the contract negotiations, preparation of the final EPC turnkey contract.



Year	Country	Client	Project	Service provided
2018	Sultanate of	Al Wusta Cement	Contract for a bankable feasibility study for the	Site visit and data
	Oman	Company LLC	establishment of a 5'000 tpd greenfield cement plant in Al Duqm, Sultanate of Oman	collection mission, Bankable feasibility study (market study, raw material study, technical feasibility including environmental impact study, financial feasibility) and presentation
2017	Ivory Coast/Camero on	Groupe Atlantique	Contract for Consulting and Engineering Services for the development of 2 Clinker mixing stations, 1 mixing station of 2 million tons capacity in Ivory coast and 1 mixing station of 1 million tons in Cameroon.	Data collection and site visits, Design phase, technical and financial study, tender to contract
2017	Ivory Coast	Groupe Atlantique	Contract for Technical Advisor Services for an Implementation Project for a Clinker Grinding Station of 1 Mtpy in Abidjan, Ivory Coast.	Analysis of the project prior to obtaining a credit, Preparation and sending tender document, Project monitoring for lenders during the credit drawing period, Project monitoring for lenders during the period of repayment of the credit.
2017	Ivory Coast	Groupe Atlantique	Contract for Consulting and Engineering Services for Elaboration of a Bankable Feasibility Study, for an Integrated Cement Plant of 5'000 tpd in Ivory Coast	Site and Data Collection Mission, Raw Materials Study, Market Study, Technical Feasibility Study, Basic Environmental Impact Study, Financial Feasibility Study, Bankable Feasibility Study Report and Presentation
2017	Egypt	FLS	Court Case filter	Analyse and comment all documents provided by the court relating to the case, site mission to evaluate the actual damages, court appearance if required
2017	Pakistan	Sinoma CDI for Pioneer Cement Company	Contract for Consultancy and engineering services for a review of process design of the pyro-process department carried out by Sinoma CDI for the new 7'000 tpd cement production line in Pioneer Cement Plant	Review and comment on the process design drawings and specification of main equipment for the following departments: preheater, kiln, cooler; reporting
2017	Tunisia	GIZ	Technical support and awareness on heat recovery systems for self-production of electricity in the cement industry	Sensitization of Tunisian partners on waste heat recovery technologies, study of the potential of self-production of electricity through the lost heat recovery systems in the Tunisian cement sector, reporting



Year	Country	Client	Project	Service provided
2017	Kingdom of Saudi Arabia	Al Safwa Cement Company	Contract for Consultancy & Engineering Services for a Feasibility Study and Tenders evaluation (option) for a new greenfield white cement production line located near Jeddah, Kingdom of Saudi Arabia	Feasibility Study and Tenders evaluation (option)
2017	Gabon	Nouvelle Gabon Mining	Contract for Consultancy Services for Techno Economic Viability Study with regards to Nouvelle Gabon Mining plant extension	Techno Economic Viability Study
2017	Cameroon	Société Internationale de Ciment (SIC)	Contract for consulting and engineering services for elaboration of a bankable feasibility study, for an integrated cement plant of 5'000 tpd in Cameroon	Site and Data Collection Mission, Raw Materials Study, Market Study, Technical Feasibility Study, Basic Environmental Impact Study, Financial Feasibility Study, Bankable Feasibility Study Report and Presentation
2016	Burkina Faso	Société International de Ciment (SIC)	Contract for Consulting and Engineering Services for Elaboration of a Bankable Feasibility Study, for an Integrated Cement Plant of 5'000 tpd in Burkina Faso	Site and Data Collection Mission, Raw Materials Study, Market Study, Technical Feasibility Study, Basic Environmental Impact Study, Financial Feasibility Study, Bankable Feasibility Study Report and Presentation
2016	Saudi Arabia	Qassim Cement Company	Engineering Services, Monitoring, On-site entire supervision of implementation & realization of a new cement mill at the existing cement plant of QCC	Tendering, full assistance during negotiations, project monitoring, approval of contractor design, supervision of engineering and commissioning
2016	Saudi Arabia	Saudi White Cement Company	Contract for Consultancy & Engineering services for tendering and contracting procedures for a brownfield white cement production line of 1'000 tons / day located near Riyadh in the Kingdom of Saudi Arabia	Tendering and contracting procedures for a white clinker production line and the dedicated cement grinding installation
2016	Saudi Arabia	Yanbu Cement Company	Performance of consultancy services for technical and capital investment for the increase of the kiln throughput of the existing clinker production line of 8'500 tpd clinker production capacity to the optimal production capacity	Site mission, data collection and general plants inspection; Technical and Investment Capital Report.
2015	Algeria	CETIM	Conformity study of the kiln's supplies of a cement plant in Constantine.	Consultancy services for a Conformity study of the kiln's supplies of a cement plant in Constantine.



Year	Country	Client	Project	Service provided
2015	Saudi Arabia	Hail Cement	Consultancy & Engineering Services for the	Consultancy and
		Company	inspection of Kiln Girth Gear (delivered as spare parts) before shipment from China by Sinoma CDI after the commissioning of the new line in Hail, Kingdom of Saudi Arabia	Engineering Services for the inspection of Kiln Girth Gear (delivered as spare parts) before shipment from China by Sinoma CDI after the completion of the new line in Hail Cement
2015	Australia	Boral Cement	Elaboration of a Technical Feasibility Study for a new Cement Grinding station	Consultancy and engineering services for the elaboration of the development phase of the BORAL VICTORIAN Cement supply project
2015	Palestine	Sanad Construction Industries (SCI)	Greenfield Cement Grinding Plant 1 Mtpa located in West Bank District of Hebron, Palestine	Consultancy and Engineering Services for the Elaboration of Pre- project Study including the evaluation of the plant location and the raw materials, the Preparation of Tender Documents, Evaluation of Proposals, Contract Negotiations and finalization for signature of a greenfield cement grinding plant of 1 Mtpy on an EPC turnkey basis, to be located in West Bank, Hebron
2015	Congo	Nova Cimangola SA	Market Study relative to CINAT Cement Plant	Consulting and Engineering Services for the preparation of a Market Study related to the whole Democratic Republic of Congo
2015	Switzerland	Quantum Global Investments AG	Service agreement for the assessment of 2 cement plants in Spain designated for relocation	Consultancy services for the Technical and Commercial Assessment of the cement plants in Spain
2015	Myanmar	June Cement Industry Limited	Contract for Consultancy & Engineering Services for the preparation of tender documents for a Greenfield cement plant of 5,000 tpd clinker production capacity, on an EPC Turnkey contracting basis in Myanmar	Consulting and Engineering Services for the preparation of tender documents, for a Greenfield cement plant of 5'000 tpd clinker production capacity, on an EPC turnkey basis, to be located in the Republic of the Union of Myanmar
2015	Saudi Arabia	Yamama Cement Company	Consultancy & Engineering Services for an evaluation study of the sources of power supply via IPP vs the captive power plant using engines for the Yamama Greenfield cement plant located near Riyadh, Kingdom of Saudi Arabia	Provide Consulting and Engineering services for an evaluation study of the sources of Power Supply via IPP vs Captive Power Plant



Year	Country	Client	Project	Service provided
2015	Russian	Chisty Gorod	Evaluation of 3 existing RDF sites	Engineering services for
	Federation			the evaluation of three
				existing sites, for the
				installation of a RDF
				project, to increase the
				MSW recycling rate in the
				Moscow area, in the
				Russian Federation.
2014	Saudi Arabia	Hail Cement	Inspection of Kiln Girth Gear (delivered as	Consultancy and
		Company	Spare Parts) before shipment from China by	Engineering Services for
			Sinoma CDI after the commissioning of the	the inspection of Kiln
			new line in Hail, Kingdom of Saudi Arabia	Girth Gear (delivered as
				spare parts) before
				shipment from China by
				Sinoma CDI after the
				completion of the new
				line in Hail Cement,
2014	Curitzorland	Ougatum Clahal	Comice agreement for the accessment of a	Kingdom of Saudi Arabia
2014	Switzerland	Quantum Global Investments AG	Service agreement for the assessment of a	Consultancy services for the Technical and
		investments Au	clinker grinding station in Kenya	Commercial Assessment
				of a clinker grinding
				station in Kenya
2014	Myanmar	June Cement	Feasibility study for a 6,000 tpd cement plant	Provide Consulting and
2011	ivi y a i i i i a i	Industry Limited	in Myanmar	Engineering Services for
		maddi y ziimeda	in myanna	the valuation of the
				quarry and raw materials
				reserves and the
				preparation of a
				Feasibility Study for the
				establishment of a
				Greenfield Cement Plant
				with 6,000 tpd clinker
				capacity, on an EPC
				Turnkey contracting basis
2014	Morocco	Ciments de	Control of manufactured equipment for the	Control of manufactured
		l'Afrique	cement grinding station.	equipment for the
				cement grinding station
2014	Saudi Arabia	Southern Province	Construction of a brownfield new 5'000 tpd	Supervision of
		Cement Company	production line (line 2) on a Turkey Basis at	contractor's engineering,
			Bisha Cement Plant.	Supervision of site
				construction, Quality
				assurance of contractor's
				manufactured
				equipment, Supervision
				of start-up and commissioning.
2014	Saudi Arabia	Yamama Cement	Prefeasibility study to evaluate the sources of	Data collection and
2014	Jaudi Alabia	Company	Power Supply via the National Grid or Captive	Prefeasibility study, Pre-
		Company	Power Plant, Tendering and Contracting of a	project technical study,
			Power House for the greenfield cement plant	Tender documents
			located near Riyadh.	preparation, Tender
			, i	evaluation and
				contracting procedures.
2014	Lithuania	Akmenes Cementas	Technical Assistance for a Brownfield	Technical Assistance for
		AB	production line of 4'500 tpd clinker.	the checking of
				manufactured and
				mechanical machinery
				assembly and electrical
				and civil assembly
				activities



Year	Country	Client	Project	Service provided
2013	Jordan	Qatrana Cement	Quality control of the Raw Mill Id fan in the existing Qatrana Cement Plant.	Technical audit of the installation and Recommendations.
2013	United Arab Emirates	Ras Al Khaimah White Cement Company	Feasibility Study of the possibility of using Petcoke as main fuel for production of White cement and the impact on the process	Feasibility Study
2013	Iran	Ghadir Cement Company	Contract for consultancy services for plant process and energy audit with recommendations for process optimization, solving bottleneck problems and reducing energy consumption and environmental impact of two cement plants: Shargh Cement and Kordestan Cement in the Islamic Republic of Iran	Consultancy services for a Plant Audit for two cement plants, Shargh Cement Company located in Mashhad and Kordestan Cement Company located in Bijar, in the Islamic Republic of Iran
2013	Saudi Arabia	Hail Cement Company	Quality control of spare parts in China and in Europe before shipment, for the New Line in Hail.	Inspections and TPI services of Industrial equipment.
2013	Saudi Arabia	United Cement Industrial Company	Quality control of equipment manufacturing and Supervision of construction and Commissioning for a new Production Line of 5'000 tpd Cement and for a 53MW Captive Power Plant.	Equipment inspection, Supervision of Project Execution, Supervision of commissioning.
2013	Saudi Arabia	Riyadh Cement	Preparation of a Project Technical Study for the Power Supply of Lines 1, 2, 3 and White Cement Line at Riyadh Cement Company Site.	Technical study of power plant's capacity increasing.
2013	Saudi Arabia	Qatrana Cement	Consultancy and engineering services for the inspection of the raw mill ID fan in the existing Qatrana cement plant	Consultancy and engineering services for the inspection of the raw mill ID fan in the existing Qatrana cement plant
2013	Saudi Arabia	Arabian Cement Company	Feasibility study for a New Cement Production Line of 10'000 tpd clinker, on a turnkey basis, to be located at the existing plant of Arabia Cement Company in Rabigh.	Data collection and site mission, Market study, Project technical study, Raw materials and fuel evaluation, Financial study including the Project cost estimation, Project feasibility study report and presentation.
2012	Morocco	Ciments de l'Atlas	Feasibility study for a 1 Mtpy cement plant located in the Nador Region.	Data collection, Feasibility study.
2012	Morocco	Ciments de l'Afrique	Control of the facilities covering three cement grinding stations in Ivory Coast, Guinea and Cameroon.	Inspections, Documents analysis, Quality controls, Inspection report.
2012	Russia	LRS Group OJSC	Assessment of possible sources of carbamide concentration in the clinker and cement produced at the LSR Plant in Slantsy, Leningradskaya	Performance of the Engineering and Consultancy services for an independent Expert study.



Year	Country	Client	Project	Service provided
2012	Saudi Arabia	Yamama Saudi Cement Company	Completion of a Greenfield cement plant with two production lines of 10'000 tpd clinker each and the relocation of the existing Line 7 to the new plant site on a turnkey basis, to be located in Riyadh Provence.	Preparation of tender documents (technical and commercial documents), Evaluation of proposals, Preparation of the Contract draft, Assistance to the Client during the Contract negotiations through the Contract signature.
2012	Saudi Arabia	Southern Province Cement Company	Engineering and consultancy services for a Brownfield New 5'000 tpd Production Line (line 3) on a Turnkey Basis at Tahamah Cement Plant.	Supervision of contractor's engineering, Control of manufactured equipment, Supervision of site construction, Supervision of start-up and commissioning.
2012	Saudi Arabia	Al Jouf Cement	Quality control of equipment in China and in Europe before shipment, for the New Line in Al Jouf.	Inspections and TPI services of Industrial equipment.
2012	Saudi Arabia	Southern Province Cement Company	Mining Plan Study for a Bisha Cement Plant	Mining Plan Study for a Bisha Cement Plant
2012	Russia	LSR Group OJSC	Participation in the Discussion of the Concept of the Raw Material (Clay) Crushing & Storage Systems Upgrade at the LSR Cement Plant in Slantsy, Leningradskaya Oblast, Russia	Consultancy Services
2012	Saudi Arabia	Saudi Ready Mix	Site Mission and a Preliminary Audit of two limestone deposits foreseen for White Cement Production Capacity Plant of 500'000 tpa and for Grey Cement Plant Production Capacity of 2 Mtpa.	Evaluation of the two limestone deposits, provision and initial deposit resource/quantities and material quality assessment.
2012	Singapore	Jurong Port Ltd	Upgrade of the Cement Import Terminal from 4M tons cement per annum to 4.8M tons per annum at the Jurong Port.	Technical Assessment and Optimization Study, Tendering and Contracting.
2012	Nigeria	Africa Finance Corporating	Commercial and technical Due Diligence of East African Cement Company / Business Operation.	Commercial and technical Due Diligence.
2012	Saudi Arabia	United Holding Company	Completion of a Greenfield Production Line of 5'000 tpd Clinker on an EPC Turnkey Contracting Basis.	Evaluation of the Geological Study, a Pre- project Study, Preparation of Tender Documents, Evaluation of Proposals & Contract Negotiations and Supervision of the Contractor's Engineering.



Year	Country	Client	Project	Service provided
2011	Turkey	Vicat Cement S.A.	Assistance with a Price Investigation,	Definition of target price
			Tendering and Evaluation for a roller press	package with the existing
			system for a grinding capacity increase project	tender documents,
			in Ankara, Turkey.	obtaining a competitive
				bid from a Chinese
				supplier, overview
				evaluation of technical
				content, commercial
				content and scope of
				work provided by a single
				EP Chinese contractor.
2011	Turkey	Mugla Yapi	Elaboration of a Technical, Export Market and	Site mission and data
		Malzemeleri	Financial Feasibility Study for a Cement Plant	collection, Technical
			of an approximate Capacity of 3'500 tpd of Clinker in the Mugla Region of Turkey.	feasibility study, Export market study on a
			Clinker in the Mugia Region of Turkey.	national level, Financial
				feasibility study.
2011	British Virgin	Burlingham	Elaboration of a Bankable Feasibility Study for	Tendering, Contracting
2011	Islands	International LTD	an integrated cement plant with an envisaged	and Assistance in
			capacity of 10'000 tpd clinker throughput in	Contract Negotiations for
			Banten Province, Indonesia.	an integrated Cement
			·	Plant.
2011	Saudi Arabia	Saudi White	Upgrading of the 750 tpd production line to	Quality assurance of
		Cement Company	1'000 tpd on an EPC turnkey basis.	engineering design &
				equipment
				manufacturing,
				construction and
				commissioning
2011	C 1: A 1:			supervision.
2011	Saudi Arabia	Yamama Saudi	Completion of a brownfield production line of	Preparation of tender
		Cement Company	10'000 tpd clinker on a turnkey contracting basis in Yamama, Kingdom of Saudi Arabia.	documents, evaluation of
			basis ili fallialila, Kiliguolil Ol Sauul Alabia.	proposals, assistance during the contract
				negotiations and
				finalisation of the
				contract.
2011	Lithuania	Akmenes Cementas	Completion of a Brownfield Production Line of	Technical office
		AB	4'500 tpd clinker.	assistance and site
			·	management expertise to
				Akmenes Cementas'
				completion of a
				Brownfield Production
				Line of 4'500 tpd clinker.
2011	Saudi Arabia	Saudi Ready Mix	Preparation of an audit.	Preparation of an audit of
		Concrete Co. Ltd.		limestone deposit
				common to the existing
				White Cement Production Plant and the existing
				Grey Cement Plant (under
				construction).
2011	Nigeria	Action Cement Co.	Construction of a Greenfield 5'000 tpd cement	Evaluation of bid,
		Ltd.	plant.	contracting, quality
				assurance of engineering
				design & equipment
				manufacturing,
				construction and
				commissioning
				supervision.
2011	Zambia	Dangote Industries	Construction of a greenfield cement plant of	Quality assurance of
		Zambia Ltd	3'500 tpd (Sinoma Nanjing NCDRI).	engineering design.



Year	Country	Client	Project	Service provided
2011	Philippines	Lafarge Republic Cement	Kiln Inlet Seal at the Bulacan Plant.	Engineering, supply & fabrication, construction & supervision of kiln inlet seal replacement.
2011	Philippines	Lafarge Republic Cement	Crusher Demolition at the Teresa Plant.	Complete demolition & removal activities including safety supervision for existing primary crusher system.
2011	Philippines	Lafarge Republic Cement	Symmetry Gear Replacement at the Teresa Plant.	Engineering, supply & fabrication, construction & supervision for the replacement of the Mill C symmetry gear.
2011	Philippines	CEMEX Solid Cement Plant	Calciner Modification additional work for Cyclone No.5.	Supply, fabrication, construction & supervision for the installation of cover plates, ring plates and stiffener plates.
2011	Philippines	Lafarge Republic Cement	Cement Mill A & B rehabilitation at the Teresa Plant.	Engineering, supply & fabrication, construction and safety supervision for the rehabilitation of Mill A and B.
2010	Colombia	Imsacol - Ingeneria y Mantenimiento SAS	New 700 tpd clinker production line.	Consultancy and Engineering Services for Basic engineering and preparation of mechanical main equipment technical specifications.
2010	Suisse	CSD Ingénieurs	Technical assistance for study of the opportunities for the application of alternative fuel in the cement industry in Egypt.	Technical assistance.
2010	Saudi Arabia	Riyadh Cement Company	Technical due diligence for 2 x 5'000 tpd Sinoma production lines.	Due Diligence.
2010	Saudi Arabia	Saudi White Cement Company	Technical due diligence for a 700 tpd white cement production line.	Due Diligence.
2010	Russian Federation	Master Group	Construction of an 8'500 tpd greenfield cement plant in Kaluga.	Engineering and consultancy services for the evaluation of bids for EP&C packages and, contracting.
2010	Indonesia	Varada Resources PET Ltd.	Greenfield cement production line for 10,000 tpd capacity in Aceh Province.	Feasibility study.
2010	Tunisia	Carthage Cement	Construction of a concrete batching plant in Bir El Kassaa and a maintenance center in Ben Arous, Tunisia.	Engineering & Consultancy and project management services.
2010	Uzbekistan	Oman Investment Fund	Greenfield Cement Plant of 5'000 tpd capacity.	Feasibility study.
2010	Philippines	IPM Group of Companies	Alternative Fuel pre-processing installation including Characterization of waste of the Payatas Landfill, Manila.	Feasibility Study.
2010	Saudi Arabia	Southern Province Cement Company	Engineering and consultancy services for a Brownfield New 5'000 tpd production line on a Turnkey Basis at Tahamah Cement Plant.	Quality assurance of engineering design & equipment manufacturing, construction and commissioning supervision.



Year	Country	Client	Project	Service provided
2010	Philippines	Lafarge Republic	Cement Silo group demolition Kiln line	Complete demolition &
		Cement	Demolition at the Teresa Plant.	removal activities
				including safety
				supervision for group of
				cement silos.
2011	Saudi Arabia	Yamama Cement	Brownfield 10,000 tpd production line.	Pre-Feasibility Study.
		Company		
2010	Ethiopia	North Holding	Greenfield 2 x 10,000 tpd production lines.	Evaluation of bids
		Investment Ltd.		contracting, quality
				assurance of engineering
				design & equipment
				manufacturing,
				construction and
				commissioning
				supervision.
2010	India	Lafarge India	Setting up a 0.5 mn tons blending plant based	Techno economic
			on fly ash cement (PPC) and imported cement	feasibility report
			(OPC).	
2010	India	Lafarge India -	Feasibility report for a 1 Mtpa Fly ash blending	Techno economic
		Jajjhar	unit.	feasibility report.
2010	India	Lafarge India	Clinker wagon loading silo and wagon tippler.	Design and supervision of
				erection, commissioning.
2010	India	Lafarge India	Clinker wagon Loading Silo for Sonadih	Design, manufacturing
			Cement.	and supply of equipment.
	India/Banglad	Con-Weigh Systems	Grinding plant in Bangladesh.	Engineering support
	esh			service
2010	India	Ultra Tech Cement	Modification of clinker feeding system.	Detail engineering
2010	Tunisia	Carthage Cement	Djebel Ressas' Quarry exploitation plan.	Contract for consultancy
				for the adjustments of
				exploitation plan.
2010	Chad	Ministry of Mining and Geology	Erection of a new cement plant producing 200,000 tpy.	Revision of contract
				documents, Supervision
				of project execution,
				Supervision of
				construction and
				erection, Start up and
2010	0 11 1 1 1			commissioning.
2010	Saudi Arabia	Yamama Saudi	Upgrading and maintenance of YSCC cement	Technical and financial
		Cement Co.	plant.	study of different
				variances relating to the
				upgrading or maintenance of the
2010	Dussian	Mastargraun	Contracting of a greenfield coment plant in	existing cement plant.
2010	Russian	Mastergroup	Contracting of a greenfield cement plant in	Contract for Consultancy
	Federation		Kaluga Region	and Engineering Services
				for the contracting of a greenfield cement plant
2010	Philippines	Holcim Bulacan	Complete inspection and survey (FERROSCAN,	in Kaluga Region Generation of As-built
2010	Filliphilies	Plant	X-ray, dimensions) of the existing cement silo	drawings for Silo No.8.
		Plant		drawings for Silo No.8.
			structure, elaboration of as-built drawings,	
2009 -	Philippines	Cemex Solid	inspection report and documentation.  Replacement of ten Kiln shell sections each	Supply of materials,
2009 -	rimphines			labour, tools, equipment,
2010		Cement Corp	being 2.5m per section.	
				transport and
				consumables to carry out
				the replacement of the kiln shell in two
		1		segments,



Year	Country	Client	Project	Service provided
2009	Philippines	Cemex Solid	Extension of the smoke stack to 32m.	Structural analysis, detail
		Cement Corp		engineering, supply of materials, labour, tools, equipment and
				consumable.
2009	Senegal	Sénégalaise des	Construction of a new 3'000 to 6'000 tpd	Supervision of
		Industries	cement plant.	contractor's engineering,
				construction
				management and commissioning
2009	Algeria	CETIM	Extension of the Ain EL Kebira Cement Plant.	Pre project evaluation,
			Construction of a new 6'000 tpd production	Tendering, Project
			line.	execution, Supervision of
				site work, Start up and
2009	Spain	Holcim Spain	Asset valuation of the grey clinker operations	commissioning. Asset evaluation.
2009	эран	Поісіні эрані	in the El Alto plant in Madrid.	Asset evaluation.
2009	Algeria	CETIM	Extension of the Beni Saf Cement Plant.	Pre project evaluation,
			Construction of a new 6'000 tpd production	Tendering, Project
			line.	execution, Supervision of
				site work, Start up and commissioning.
2009	Algeria	CETIM	Extension of the Ech Chlef Cement Plant.	Pre project evaluation,
			Construction of a new 6'000 tpd production	Tendering, Project
			line.	execution, Supervision of
				site work, Start up and commissioning.
2009	United Arab	Sharjah Cement	Consultancy Services for the elaboration of an	Environmental impact
	Emirates		environmental impact study related to the	study.
			conversion from gas firing to coal firing	
2009	Tunisia	Carthage Cement	systems of 2 clinker.  Alternative Fuels.	Elaboration of Feasibility
2003	Tarrisia	Cartilage cement	Alternative rucis.	Study.
2009	India	Shree Cement	Improvement of the new kiln line operation	Process optimization and
2000		Limited	(formation of rings) of RAS cement Plant.	Engineering Services.
2009	Algeria	Ciments de Zahana SCIZ	Extension of the Zahana cement plant 4'500 tpd clinker.	Preparation of tender documents.
2009	United Arab	Arkan	Technical audit of the Albana Cement Plant.	Technical audit.
	Emirates			
2009	India	Shree Cement Limited	Technical assistance at the RAS Plant.	Technical assistance.
2009	United Arab	Arkan	Operation and maintenance contract for the	Tendering, Contract
	Emirates	1	new Al Ain Cement Factory.	preparation and
				negotiation.
2009	Tunisia	Carthage Cement	Contract for a Technical Feasibility for a ready	Technical Feasibility
2009	Russian	Sebriakov Cement	mix plant of 4'500 m³ for the Tunis area.  The reconstruction of 1 existing kiln line (5x	study.  Expert evaluation of
	Federation		185m and 6'000 tpd) and the proposal for the	offers.
			construction of a new 6'000 tpd clinker	
2000	N 4	Tour Tour Control	production line.	Tools also de
2009 -	Vietnam	Tan Tao Cement Corporation	Construction of a 2,500 tpd Greenfield cement plant.	Technical expertise, Engineering review.
2009 -	Kenya	Athi River Mining	Plant Capacity Assessment study.	Plant Capacity
2010	<u> </u>	Со	, ,	Assessment study.
2009	India	Ultratech GCW	Modification of Clinker Feeding system.	Feasibility study.
2009	India	Eco Cement Ltd	0.5 Mio tpy Slag cement grinding project.	Procurement assistance.
2008 - 2009	India	Lafarge India Pvt. Ltd	Utilization of alternative fuels.	Feasibility study, Equipment supply.
2009	India	Arasmeta	Cement truck loading modification for a	Feasibility study.
			cement plant producing 5,200 tpd	,,,



Year	Country	Client	Project	Service provided
2008	Costa Rica	Holcim Costa Rica S.A.	Construction of one 20'000 ton clinker silo and one 10'000 ton blending silo at the Cartago Plant.	Preparation of tendering, evaluation and recommendations of equipment suppliers and offers.
2008	Tunisia	Carthage Cement	Project execution of the construction of a 1.7 Mtpy cement plant expandable to 3.4 Mtpy.	Feasibility study, Tendering, Tender evaluation, Project execution, Supervision of site work.
2008	Russian Federation	Master Group	Construction of a of a 12'000 tpd clinker production line.	Feasibility Study.
2008	France	Ciments Vicat	Feasibility study concerning the loading, storage and transport of lime stone at MEPIEU quarry.	Feasibility study.
2008	Colombia	Jezebel	Consultancy and Engineering Services for a new cement plant in Colombia.	Analysis and evaluation of raw material samples.
2008	Russian Federation	Vostok Cement	Consultancy and Engineering Services for an evaluation of 3 Chinese suppliers for a new cement line near Teplozersk.	Evaluation of Equipment suppliers.
2008	Morocco	Ciments de l'Atlas S.A. Beni Mellal	Construction of a new cement plant on the site of Beni Mellal.	Feasibility study, Engineering, Tendering, Site supervision.
2008	Morocco	Ciments de l'Atlas S.A Ben Ahmed	Construction of a new cement plant on the site of Ben Ahmed.	Feasibility study, Engineering, Tendering, Site supervision.
2008	Dubai	Al Najoom Holdings Ltd	Elaboration of the Espandar Group of cement companies relating to 4 cement plants under operation as well as 2 Greenfield plants under construction in the Islamic republic of Iraq.	Technical, economical, financial, legal and administrative analysis.
2008	Costa Rica	Holcim Costa Rica S.A.	Construction of one 20'000 ton clinker silo and one 10'000 ton blending silo at the Cartago Plant.	Engineering and Design.
2008	Iraq	Karbala Cement, Iraq Holdings	Preliminary evaluation and budgeting with regards to the rehabilitation purchase study of the Karbala cement plant in the Republic of Iraq.	Feasibility study.
2008	Costa Rica	Cementos Santo Domingo	Estimation of the investment for a 1'000/1'200 tpd clinker production line from the crushing to the existing silo.	Feasibility study.
2008	Democratic Republic of Congo	Blue Star Ltd, Cinat Cement	Assistance for the Candidacy related to Cinat Cement Plant's Management.	Technical expertise.
2008	Iraq	Iraq Holdings, Karbala Cement	Rehabilitation of 2 lines of 3'500 tpd of clinker production.	Consultancy & Technical Support.
2008	Russian	Teploozersk	Evaluation of 2 Chinese cement plants.	Consultancy and
2008	Federation Albania	Cement Plant Gener2 Construction Company	Contract for Consultancy of a bankable Feasibility Study relating to a new 1 Mio tpy Greenfield Cement Plant in Albania.	Engineering Services. Feasibility Study.
2008	Iraq	United Industries Company	Feasibility study regarding a new cement production line in the Republic of Iraq.	Feasibility study.
2008	Russian Federation	Vostok Cement	Evaluation of suppliers for the construction of a Greenfield cement plant.	Contract evaluation, Technical expertise.
2008	Mexico	Fives FCB	Design calculations and detailed drawings for process ducts installed in coal grinding building.	Engineering & Design
2008	United Arab Emirates	Fujairah Cement	Contract for Consultancy services for a technical due diligence analysis of a cement plant in the UAE Fujairah.	Technical expertise.



Year	Country	Client	Project	Service provided
2008	Chad	Ciment du Tchad	Contract for Engineering Services and Assistance in sourcing of Finance for Moursale Bamba cement plant.	Feasibility study.
2008	Turkmenistan	Bouygues Construction	Consultancy and Engineering services for the elaboration of a preliminary plant concept design and price estimation of mechanical, electrical and automation equipment for a 4'000 tpd cement production project in the Republic of Turkmenistan.	Consultancy and Engineering services.
2008	Germany/Jap an	Goetz Engineering	Revision of General Arrangement, General Assembly and Detail Drawings for steel platforms bearing machinery and steel platforms around the production line.	Mechanical and steel engineering of heavy machinery; cold rolling mill for steel sheets, in particular the pickling/tandem cold mill.
2008	Germany / Russia	Goetz Engineering	Mechanical and steel engineering of heavy machinery; cold rolling mill for steel sheets, in particular the pickling / tandem cold mill.	General Arrangement, General Assembly and Detail Drawings for steel platforms bearing machinery, steel platforms around the production line, rails, stairs, ladders.
2008	Jordan	Modern Cement and Mining Co.	Checking of Civil Drawings for a cement plant with a capacity of 3,500 tons clinker per.	Checking of Civil and Structural Drawings and Civil and Structural Drawing Revisions against General Arrangement Drawings and Geonotes.
2008	Germany / China	Goetz Engineering	Mechanical and steel engineering of heavy machinery; cold rolling mill for steel sheets, in particular the pickling/tandem cold mill.	General Arrangement, General Assembly, Detail Drawings.
2007 - 2008	Mexico	Fives FCB	Engineering required for process ducts for coal and pet coke grinding.	Optimized design, Arrangement Drawings, Load drawings, BoMs, Detail engineering Drawings and Assembly (Erection), Drawings for stack and ducts including support and frame.
2007	Cyprus	VCC / Vassiliko Cement Works Ltd	Implementation of a clinker production line.	Consultancy and Engineering Services.
2007	Cyprus	VCC / Vassiliko Cement Works Ltd	Construction of a cement grinding station.	Feasibility study, Contract preparation, Tender evaluation.
2007	Colombia	Cementos Apolo, Argos	Full plant audit and conceptual study of the Apolo Cement plant including heat and mass balance.	Full Plant audit, Conceptual study.
2007	Colombia	Cementos Apolo, Tol Cementos	Audit on the production and operations management of the TOL Cement Plant owned by the Argos Group Colombia.	Technical expertise, Plant audit.
2007	Lithuania	Akmenes Cementas AB	Consultancy Services for tender preparation, tender analysis and contracting for the "technical project" (permitting procedure) for the 4'500 tpd clinker production line.	Consultancy Services, Tender analysis & contracting.
2007	Jordan	MCM / Modern Cement and Mining Co Ltd	Consultancy and Engineering services for the establishment of a Greenfield cement plant of 3'500 tpd clinker capacity for the production of OPC, SRC and PPC.	Contract for Consultancy and Engineering Services.
2007	Santo Domingo	ABCO SA	Proposal for a Feasibility study for a new clinker production line at Hatillo.	Feasibility Study



Year	Country	Client	Project	Service provided
2007	Lithuania	Akmenes Cementas	Contract for Consultancy and Engineering	Consultancy &
		AB	Services for the execution of 4'500 tpd clinker	Engineering Services.
			production line project in Akmenes.	
2007	Kuwait	United Cement	Inspection of equipment.	Technical expertise
		Industry		
2007	Kazakhstan	MBT Ltd Karatau	Contract for Consultancy and Engineering	Consultancy &
			services for a plant concept and discussions of	Engineering Services.
			supply proposals with 2 Chinese suppliers for a	
			5'500 tpd clinker production line in Karatau.	
2007	Costa Rica	Holcim Cartago	Desk Study - Raw material storage and	Feasibility study
2007	6 1: 4 1:	Cement plant	grinding.	
2007	Saudi Arabia	Al Safwa Cement, El	Contract for Consultancy and Engineering	Consultancy &
		Khayyat	Services for the installation of a captive power	Engineering Services.
2007	N.4	Cinconte de Ilatico	plant for the Al Safwa cement project.	Farath lite Charles
2007	Morocco	Ciments de l'Atlas	Contract for consultancy and engineering	Feasibility Study
			services for the construction of a new cement	
2007	Kazakhstan	CCT Ltd Karatau	plant with a capacity of 1 Mtpy.	Consultancy &
2007	Kazaknstan	CCT Ltd Karatau	Contract for Consultancy and Engineering	
			Services for preparation of a turnkey contract	Engineering Services.
			draft, evaluation of supply proposals of 2 Chinese contractors and support in contract	
			negotiations for a 5'500 tpd clinker production	
			project in Karatau Republic of Kazakhstan.	
2007	El Salvador	Holcim El Ronco	Elaboration of a Feasibility study for the	Feasibility study
2007	El Salvadol	HOICIIII EI KOIICO	Cemento El Salvado, El Ronco, entailing a	reasibility study
			recommissioning of line 4.	
2007	Ukraine	Bakhchisaray	Contract for the evaluation and Optimization	Technical expertise
2007	Oktaine	Construction	of equipment and engineering proposals,	recrimed expertise
		Enterprise	contract design and contract negotiations for a	
			3'000 tpd clinker production plant in	
			Bakhchisaray	
2007	Indonesia	Lafarge Indonesia	Contract for Project Scheduling Services for the	Technical expertise
			reconstruction of Banda Aceh.	
2007	SCG / Société	Benin	Construction of a new grinding station.	Project Management, Site
	des Ciments			supervision
	du Golfe			
2007	Kuwait	KCC Kuwait Cement	Contract for Consultancy and Engineering	Pre-project study
		Company	Services for a Preliminary Study for a 5'500 tpd	
			clinker line at the KCC cement plant in Shuaiba	
			- Kuwait.	- " "
2007	Kazakhstan	Uralsk Cement	Contract for Consultancy and Engineering	Feasibility Study
			services for Elaboration of a plant concept,	
			optimisation of proposals, contract design and contract negotiation for a 1.5 Mio tpy clinker	
			production plant to be located near Uralsk City	
			in Kazakhstan.	
2007	Russian	Master Group	Contract for Consulting and Engineering	Pre-project study
2007	Federation	industri Group	Services for a pre-project study and plant	The project study
	7 6461411011		concept evaluation for a 6'000 tpd clinker	
			production project.	
2006	Malaysia	Pasir Gudan Fly Ash	Supply & erection of 3 silos, with pneumatic	Feasibility study
	<i>'</i>	Handling	transport of fly ash from jetty to storage silos	
			(4000t capacity), and from storage to cement	
			grinding plant and mill feed.	



Year	Country	Client	Project	Service provided
2006	Philippines	Cemex Solid Cement Corp	Modernization of the Solid Cement Plant (CEMEX) in the Philippines, Line No. 3 Capacity Upgrade to 3300 t/day.	Feasibility study, Project management, Civil engineering, Mechanical engineering, Electrical engineering, Tender and evaluation, Site supervision, Start-up & commissioning, Purchasing services, Technical expertise.
2006	Saudi Arabia	ASA Viva Gazzan	Erection of a new cement or clinker plant with production capacity of 3 Mtpy.	Feasibility study, Pre- Project survey
2006	Libya	Arabian Cement Company (ACC)	Lebda plant audit in order to increase production of the cement plant.	Plant Audit
2006	Philippines	Cemex Solid Cement Corp	Coal mill inertisation with exhaust gas and preheater modification.	Equipment design & supply, Engineering Installation and Commissioning
2006	Lithuania	Akmenes Cementas AB	Contract for Consultancy and Engineering Services for Tendering, contracting and execution of a 4'500 tpd clinker production line project in Akmenes plant.	Consultancy and Engineering services
2006	Libya	Souk El Khmis	Consultant services for Souk El Khmis cement plant extension.	Raw material investigation, Technical appraisal, Feasibility study, Project management, Tender and evaluation Site supervision, Start-up and commissioning, Purchasing services Technical expertise
2006	Libya	Lebda	Consultant services for Lebda cement plant extension.	Raw material investigation, Technical appraisal, Feasibility study, Project management Tender and evaluation, Site supervision, Start-up and commissioning, Purchasing services, Technical expertise
2006	Venezuela	Holcim San Sabastian	Feasibility study for raw material storage and raw material grinding.	Feasibility study
2006	Costa Rica	Holcim Cartago Cement Plant	Feasibility study for the Cartago Plant in Costa Rica, entailing a kiln system capacity expansion from 2'400 tpd to 3'000 tpd.	Feasibility study
2006	Costa Rica	Holcim Cartago Cement Plant	Feasibility study for raw material storage and raw material grinding.	Feasibility study
2006	Turkey	Meski	Feasibility Study for co-incineration of sewage sludge in the cement factories Cim SA and Adana Cimento.	Feasibility study
2006	Colombia	Cementos Apolo	Engineering and specifications of a bypass system.	Civil engineering, Mechanical engineering, Electrical engineering, Start-up and commissioning, Purchasing services.
2006	Benin	Société des Ciments du Golfe	Installation of a new grinding station.	Feasibility study, Technical expertise
2006	Algeria	UCC / Union Cement Company	Consultancy and Engineering Services for a new 3 Mtpy cement plant in Algeria.	Feasibility Study, Phase I Fact finding mission



Year	Country	Client	Project	Service provided
2006	Syria	UC / United Cement Abu Al Shamat	Semi turnkey contract for the establishment of a full bankable feasibility study for a new 3 Mtpy cement plant at Abu Al Shamat.	Market survey, Raw material investigation, Technical appraisal, Feasibility study, Technical expertise
2006	Russian Federation	Eurocement	Consultancy and Engineering services for a comparative analysis of the offers from potential contractors and preparation of the contract for the construction of a new production line.	Technical appraisal, Technical expertise
2006	Cyprus	VCC / Vassiliko Cement Works Ltd	Implementation of a clinker production line - preliminary stage.	Consultancy and Engineering services.
2006	Egypt	Per Tech UAE Bani Swelf/South Valley	Consultancy and Engineering Services for Execution of a 1.5 Mtpy greenfield cement plant for South Valley cement company in Egypt.	Technical appraisal, Project management, Site supervision Technical expertise.
2006	Tunisia	Lorelle Properties	Construction of a new Greenfield cement plant with a capacity of 5,000 tpd.	Technical appraisal, Feasibility study
2005 -	Libya	Al Ahliya Cement Company (AH.C.C) Zliten	Cement plant extension - additional line producing 1 Mtpy.	Basic engineering, Site supervision, Start-up and commissioning, Assistance in operation, Technical expertise
2000 - 2004	Senegal	Ciment du Sahel (Kirène)	Construction of a new Greenfield cement plant producing 600,000 tpy.	Raw material investigation, Feasibility study, Project management, Basic engineering, Civil engineering, Mechanical engineering, Tender and evaluation, Site supervision, Start-up and commissioning
2004	Algeria	Société des Ciments de Zahana (Mascara)	Engineering services for the rehabilitation of Zahana cement plant.	Technical expertise
2003 -	Benin	Société Des Ciments Du Golfe S.A. (Djregbe)	Installation of a cement grinding station with a grinding capacity of 600,000 tons/year.	Feasibility study Basic engineering
2003	Lebanon	Ciment de Sibline	Erection of a new coal and petcoke grinding plant with a capacity of 17 t/h petcoke or 23 t/h coal.	Basic engineering, Civil engineering, Mechanical engineering, Start-up and commissioning, Purchasing services
2002 - 2005	Morocco	Asment Ouled Zidane	Construction of a new Greenfield cement plant producing 885,000 tpy.	Market survey, Feasibility study, Project management, Basic engineering, Civil engineering, Mechanical engineering, Tender and evaluation.
1999	Benin	SCB-Lafarge Onigbolo	Audit of the physical condition of the cement plant producing 500,000 tpy.	Technical expertise
1997	Senegal	SOVRAM SINDIA	Market studies and feasibility studies for a Greenfield cement (capacity 600,000 tpy).	Market survey, Feasibility study
1996 - 1997	Mali	International Finance Corporation, Washington, D.C.	Feasibility study for the rehabilitation and extension of existing facilities.	Raw material investigation, Feasibility study, Technical expertise
1996	Nigeria	Kock Transporttechnik Nkalagu	Technical appraisal of the plant and the quarry of the Nkalagu cement plant.	Technical expertise



Year	Country	Client	Project	Service provided
1995	Egypt	Ameriyah Cement	Capacity increase from 3,300 to 4,200 tons per	Technical appraisal
		Company (Ameriyah)	day	
1995	Egypt	Assiut Cement Company	Assessment of plant equipment and of plant operation. Cement production: 3'700'000 t/y.	Technical expertise
1994 - 1995	Tunisia	Les Ciments de Bizerte	Modification of the limestone crushing department.	Project management, Basic engineering, Civil engineering, Mechanical engineering, Tender and evaluation
1994	Madagascar	Sanca (Mahajanga)	Technical assistance for new start-up of the Ambonio cement plant.	Start-up and commissioning, Assistance in operation
1993 - 1994	Mauritania M'Haoudat	Koch Manutention Mécanique S.A. (Zouerat)	Construction of a crushing station and installation of handling equipment for iron ore mining in Mauritania.	Project management, Civil engineering, Site supervision
1993 - 1994	Botswana	Cempak Botswana (PTY) LTD	Turnkey supply of a fly ash cement blending and bagging plant.	Project management, Basic engineering, Mechanical engineering, Site supervision, Start-up and commissioning.
1992 - 1993	Egypt	Spegyco (Port Said)	Project of rehabilitation of the cement grinding plant at Port-Said.	Feasibility study, Technical expertise.
1992 - 1993	Botswana	Botswana Development Corporation (BDC)	Construction of a cement plant producing 370,000 tpy.	Raw material investigation, Basic engineering, Civil engineering, Mechanical engineering.
1992	Syria	General Organization for Cement	Erection of a new 1 Mtpy production line.	Evaluation of tender documents, Civil engineering, Mechanical engineering, Electrical engineering, Site supervision, Start up and commissioning.
1992	Botswana	Botswana Development Corporation (BDC)	Feasibility study for a cement plant at Palapye.	Feasibility study
1990	Botswana	Botswana Development Corporation (BDC)	Facility study.	Technical expertise
1988 - 1989	Angola	Cimangola/African Development Bank	Study for the upgrading of Luanda Cement Plant with financial analysis for the African Development Bank.	Technical expertise
1987 - 1988	Tunisia	Buttner (Thala)	Follow-up tests on the lime production plant.	Start-up and commissioning
1984 - 1985	Madagascar	Ministère de L'Indusrie et du Commerce de Madagascar	Feasibility study for a new cement plant with a capacity of 300,000 tpy.	Market survey, Raw material investigation, Feasibility study
1982	Guinea Sougueta	Interastra Engineering S.A.	Feasibility study for a new cement plant at Sougueta.	Market survey, Raw material investigation, Feasibility study.
1981	Nigeria	Inter Marine Atlantic Cement (IMAC) (Port Harcourt)	Preliminary study of a new cement terminal with a capacity of 500,000 tpy.	Feasibility study.



Year	Country	Client	Project	Service provided
1979	Togo	Ciments Du Togo	Second extension of the existing clinker	Project management,
	Lomé		grinding station at Lomé, Togo. Cement grinding capacity: 850'000 t/y.	Basic engineering, Civil engineering, Mechanical engineering, Tender and evaluation, Site supervision.
1978 -	Dangui	Lambert Frères et	Coological and fascibility studies for a new	commissioning
1978 -	Bangui	CIE	Geological and feasibility studies for a new cement plant.	Raw material investigation, Feasibility study.
1977	Egypt	National Cement Company	Review of offers for the project of capacity expansion to 1,3 Mtpy.	Tender and evaluation.
1976 - 1978	Benin Cotonou	Société Nationale De Ciment (SONACI)	Construction of a new clinker grinding station with a grinding capacity of 200,000 t/year.	Market survey, Feasibility study, Project management, Basic engineering, Civil engineering, Tender and evaluation, Site supervision, Start-up and commissioning, Assistance in operation, Purchasing services.
1976 - 1987	Congo Loutete	Ministère de l'Industrie du Congo	Increase production capacity from 300 tpd to 900 tpd.	Raw material investigation, Feasibility study, Project management, Basic engineering, Tender and evaluation, Site supervision, Start-up and commissioning, Assistance in operation.
1976 - 1978	Algeria Beni-Saf	Société Nationale Des Matériaux De Construction (SNMC)	Construction of a new cement plant producing 1 Mtpy.	Technical appraisal, Project management, Site supervision, Start-up and commissioning.
1976	Algeria Hadjar Soud	Société Nationale Des Matériaux De Construction (SNMC)	Enlargement of the limestone crushing plant to a crushing capacity of 1,200 t/h.	Basic engineering, Tender and evaluation, Site supervision, Start-up and commissioning.
1976	Syria	General Organization for Cement	Technical appraisal of a turnkey offer for a new production unit.	Technical appraisal.
1976	Syria	General Organization for Cement	Technical review of a preliminary 1mio tpy plant design.	Technical appraisal.
1975	Guinea Sougueta	Arab Bank for Economic Development in Africa (BADEA)	Feasibility study for a new cement plant producing 250,000 tpy.	Feasibility study.
1974 - 1977	Tunisia Gabes	Ciments Portland de Gabes	Installation of two 1,000 tpd production lines.	Raw material investigation, Project management, Basic engineering, Tender and evaluation, Site supervision, Start-up & commissioning.



Year	Country	Client	Project	Service provided
1973 -	Algeria	Société Nationale	Second production line of cement.	Market survey, Raw
1975	Hadjar Soud	Des Matériaux De Construction (SNMC)	Cement production capacity: 1 Mtpy.	material investigation, Feasibility study, Project management, Basic engineering, Tender and evaluation, Site supervision, Start-up & commissioning.
1972 - 1980	Togo Aveta	Ciments De L'Afrique De L'Ouest (CIMAO)	Studies for a greenfield clinker production plant in Togo. Clinker production capacity: 1,2 Mtpy.	Market survey, Raw material investigation, Feasibility study, Project management, Basic engineering.
1972 - 1977	Togo Lomé	Ciments Du Togo	Extension of the existing clinker grinding station at Lomé, Togo to 150'000 tpy.	Project management, Basic engineering, Civil engineering, Mechanical engineering, Site supervision, Start-up and commissioning.
1972 - 1973	Libya Tripoli	General National Organisation for Industrialisation	Techno-economic study for third cement plant in Libya.	Market survey, Feasibility study Basic engineering.
1971- 1972	Algeria Hadjar Soud	Société Nationale Des Matériaux De Construction (SNMC)	New production line of cement. Cement production capacity: 500'000 t/year.	Technical Appraisal.
1971 - 1972	Algeria Hadjar Soud	Société Nationale Des Matériaux De Construction (SNMC)	New production line of cement. Cement production capacity: 500'000 t/year.	Market survey, Raw material investigation, Feasibility study, Project management, Basic engineering, Tender and evaluation, Site supervision, Start-up & commissioning.
1971	Niger Malbaza	Société Nigerienne de Cimenterie	Technical appraisal of Malbaza cement plant.	Technical expertise.
1971	Algeria Biskra	Société Nationale Des Matériaux De Construction (SNMC)	Geological and preliminary studies for a new cement plant in Algeria producing 100,000 tpy.	Raw material investigation, Basic engineering.
1970 - 1971	Algeria Mascara	Société Nationale Des Matériaux De Construction (SNMC)	Geological and preliminary studies for a new cement.	Raw material investigation.
1969 - 1972	Togo Lomé	Ciments De L'Afrique De L'Ouest (CIMAO)	Construction of a new clinker grinding station at Lomé, Togo. Grinding capacity: 150,000 t/year.	Market survey, Feasibility study, Project management, Basic engineering, Site supervision, Start-up and commissioning.
1969 - 1972	Togo Lomé	Ciments Du Togo	Construction of a ship unloading terminal for the Lomé grinding station.	Project management, Basic engineering, Site supervision, Start-up and commissioning.
1969	Algeria Algiers	Ministère De L'Industrie et de L'Energie de L'Algérie	General study of the Algerian cement industry and the cement distribution system.	Technical expertise.



Year	Country	Client	Project	Service provided
1969	Algeria	Société Nationale	Installation of a new 3,000 tpd production line.	Project management,
	Mascara	Des Matériaux De		Basic engineering, Tender
		Construction		and evaluation, Site
		(SNMC)		supervision, Start-up &
				commissioning.



## Cement Sector O&M and Mergers & Acquisitions

Year	Country	Client	Project	Service provided
2014	France	CVC Capital Partners SA	Audits of Holcim Lafarge Cement Plant	Consultancy
2014	Tunisia	Finindev	Technical Audit of Carthage Cement Plant	Engineering Services
2013	Portugal (project in the Republic of Angola)	Banco Portugues de Investimento (BPI)	Lender's Technical Advisor for a hot rolling steel plant project.	Technical evaluation of the Owner's documentation.
2011	New York, United States of America	Skadden, Arps, Slate, Meagher & Flom LLP and Affiliates	Case study and elaboration of an expert witness statement and participation in proceedings as an expert witness on the arbitration case regarding the nationalization/expropriation of the two CEMEX cement plants by the government in Venezuela.	Expertise consultancy for the purposes of supporting the Client in the international arbitration proceedings.
2011	Leningradskay a Oblast, the Russian Federation	LSR Group, OJSC	5,000 tpd Plant Audit in Slantsy Cement Plant with the emphasis on the Raw Materials preparation department technical analysis and the related production losses.	Expertise consultancy for the purposes of supporting the Client in the international arbitration proceedings.
2011	Indonesia	Gama Group	Technical audit of the Chinfon Cement Plant in Vietnam with a capacity of 9,600 tpd for acquisition by Gama Group, Indonesia.	Mergers and Acquisitions Consultancy.
2011	Indonesia	Gama Group	Technical audit of a Thang Long Cement Plant in Vietnam with a capacity of 6,000 tpd for further acquisition by Gama Group, Indonesia.	Mergers and Acquisitions Consultancy.
2011	Abu Dhabi United Arab Emirates	Arkan	Technical audit and evaluation of the 7,500 tpd Cement Plant of Lafarge Emirates Cement Company for further merger with Arkan, UAE.	Mergers and Acquisitions Consultancy.
2011	Portugal (project in the Republic of Angola)	Banco Portugues de Investimento (BPI)	Investment Dues Diligence & Monitoring of execution for a new 5'000 tpd Cement Plant Project on turnkey basis for Nova Cimangola, Republic of Angola.	Expert due diligence & monitoring on behalf of project financing institution and syndication lead Banco BPI, Portugal.
2010	Kingdom of Saudi Arabia	Saudi White Cement Company	Technical audit and evaluation of the 750 tpd white cement plants and deposit for further merger with Riyadh Cement Company.	Mergers and Acquisitions Consultancy.
2010	Kingdom of Saudi Arabia	Riyadh Cement Company	Technical audit and evaluation of the 2 x 5'000 tpd Cement Plants and deposit for further merger with Saudi White Cement Company.	Mergers and Acquisitions Consultancy.
2009	Abu Dhabi United Arab Emirates	Arkan	Preparation and negotiation of an O&M contract for the 10,000 tpd Al Ain Cement Factory.	O & M Contracting Expert Consultancy.