

PEG References in Cement

Country	Client	Project	Service provided	Year
Saudi Arabia	Southern Province Cement CO	Installation of a new production line with capacity of 5,000 tpd	Supervision of Engineering Construction site management Supervision of manufactured equipment Start up and commissioning	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 commissioning	2010
Angola	Banco Portugues de Investimento (BPI)	Construction of new 5'000 tpd cement plant	Supervision of the investment	2010
Philippines	Holcim Bulcan Plant	Complete inspection and survey (FERROSCAN, X-ray, dimensions) of the existing cement silo structure, elaboration of as-built drawings, inspection report and documentation.	Engineering and design	2010
Philippines	Cemex Solid Cement Corp	Replacement of ten Kiln shell sections each being 2.5m per section	Supply of materials, labor, tools, equipment, transport and consumables to carry out the replacement of the kiln shell in two segments	2009 - 2010
Philippines	Cemex Solid Cement Corp	Extension of the smoke stack to 32m	Structural analysis, detail engineering, supply of materials, labor, tools, equipment and consumables	2009
Senegal	Sénégalaise des Industries	Construction of a new 3'000 to 6'000 tpd cement plant	Supervision of contractor's engineering, construction management and commissioning	2009
Algeria	Cetim	Extension of Ain EL Kebira Cement Plant	Tender evaluation Pre project evaluation Tendering Project execution Supervision of site work Start up and commissioning	2009

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Algeria	Cetim	Extension of Beni SAF Cement Plant	Tender evaluation Pre project evaluation Tendering Project execution Supervision of site work Start up and commissioning	2009
Algeria	Cetim	Extension of Ech Chlef Cement Plant	Tender evaluation Pre project evaluation Tendering Project execution Supervision of site work Start up and commissioning	2009
United Arab Emirates	Sharjah Cement	Consultancy Services for the elaboration of an environmental impact study related to the conversion from gas firing to coal firing systems of 2 clinker production lines.	Environmental impact study	2009
Tunisia	Carthage Cement	Alternative Fuels	Elaboration of Feasibility Study	2009
India	Shree Cement Limited	The improvement of the new kiln line operation (formation of rings) of RAS cement Plant	Consultancy and Engineering Services	2009
Algeria	Ciments de Zahana SCIZ	Extension of the Zahana cement plant 4 500 tpd clinker	Drawing up of tender documents	2009
United Arab Emirates	Arkan	Technical audit of the Albana Cement Plant	Technical audit	2009
India	Shree Cement Limited	Technical assistance at the RAS Plant	Technical assistance	2009
United Arab Emirates	Arkan	Operation and maintenance contract for the new Al Ain Cement Factory	Tendering Contract preparation and negotiation	2009
Tunisia	Carthage Cement	Contract for a Technical Feasibility for a ready mix plant of a 4'500 m ³ for the Tunis area	Technical Feasibility study	2009
Russian Federation	Sebriakov Cement	The reconstruction of 1 existing kiln line (5x 185m and 6'000 tpd) and the proposal for the construction of a new 6'000 tpd clinker production line	Expert evaluation of offers	2009
Vietnam	Tan Tao Cement Corporation	Construction of 2,500 tpd Greenfield cement plant	Technical expertise Engineering review	2009 -
Kenya	Athi River Mining Co	Plant Capacity Assessment study	Plant Capacity Assessment study	2009 - 2010
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	2009

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India	Lafarge India Pvt. Ltd	Utilization of alternative fuels	Feasibility study Equipment supply	2008 - 2009
India	Arasmeta	Cement truck loading modification for a cement plant producing 5,200 tpd	Feasibility study	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 the 1.7 tpy cement plant expandable to 3.4 tpy	Feasibility study Tendering Tender evaluation Project execution 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	The construction of a new cement plant on the site of Ben Mellal	Feasibility study Engineering Tendering Site supervision Construction management	2008
Morocco	Ciments de l'Atlas S.A Ben Ahmed	The construction of a new cement plant on the site of Ben Ahmed	Feasibility study Engineering Tendering Site supervision Construction management	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

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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 1'000/1'2000 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	The rehabilitation of 2 lines of 3'500 tpd of clinker production	Consultancy & Technical Support	2008
Russian Federation	Teplozersk Cement Plant	Evaluation of 2 Chinese cement plants	Consultancy and Engineering Services	2008
Albania	Gener2 Construction Company	Contract for Consultancy of a bankable Feasibility Study relating to a new 1 Moi tpy Greenfield Cement Plant in Albania	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
Emirats Arabes Unis	Fujairah Cement	Contract for Consultancy services for a technical due diligence analysis of a cement plant in the UAE Fujairah	Technical expertise	2008
Tchad	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/Japan	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

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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	2007
Lithuania	Akmenes Cementas AB	Contract for Consultancy and Engineering Services for the execution of 4'500 tpd clinker production line project in Akmenese	Consultancy & Engineering Services	2007
Kuwait	United Cement Industrie	Inspection of equipment	Technical expertise	2007

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Kazakhstan	MBT Ltd Karatau	Contract for Consultancy and Engineering services for a plant concept and discussions of supply proposals with 2 Chinese suppliers for a 5'500 tpd clinker production line in Karatau	Consultancy & Engineering Services	2007
Costa Rica	Holcim Cartago Cement plant	Desk Study - Raw material storage and grinding	Feasibility study	2007
Saudi Arabia	Al Safwa Cement, El Khayyat	Contract for Consultancy and Engineering Services for the installation of a captive power plant for the Al Safwa cement project	Consultancy & Engineering Services	2007
Morocco	Ciments de l'Atlas	Contract for consultancy and engineering services for the construction of a new cement plant with a capacity of 1mio tpy	Feasibility Study	2007
Kazakhstan	CCT Ltd Karatau	Contract for Consultancy and Engineering Services for preparation of a turnkey contract 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	Consultancy & Engineering Services	2007
El Salvador	Holcim El Ronco	Elaboration of a Feasibility study for the Cemento El Salvado, Elo Ronco, entailing a recommissioning of line 4	Feasibility study	2007
Ukraine	Bakhchisaray Construction Enterprise	Contract for s for the evaluation and Optimization of 2 equipement and engineering proposals, contract design and contract negotiations for a 3'000 tpd clinker production plant in Bakhchisaray	Technical expertise	2007
Indonesia	Lafarge Indonesia	Contract for Project Scheduling Services for the reconstruction of Banda Aceh Prices for the delegation of experts & Prices for the design and detailed design work	Technical expertise	2007
SCG / Société des Ciments du Golfe	Benin	Construction of a new grinding station	Project Management Site supervision	2007
Kuwait	KCC Kuwait Cement Company	Contract for Consultancy and Engineering Services for a Preliminary Study for a 5'500 tpd clinker line at the KCC cement plant in Shuaiba - Kuwait	Pre-project study	2007
Kazakhstan	Uralsk Cement	Contract for Consultancy and Engineering services for Elaboration of a plant concept, optimization of proposals, contract design and contract negotiation for a 1.5 Moi tpy clinker production plant to be located near Uralsk City in Kazakhstan	Feasibility Study	2007
Russian Federation	Master Group	Contract for Consulting and Engineering Services for a pre-project study and plant concept evaluation for a 6'000 tpd clinker production project	Pre-project study	2007

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Malaysia	Pasir Gudang Fly Ash Handling	Supply & erection of 3 silos, with pneumatic transport of fly ash from jetty to storage silos (4000t capacity), and from storage to cement grinding plant and mill feed	Feasibility study	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 and commissioning Purchasing services Technical expertise	2006
Saudi Arabia	ASA Viva Gazzan	Erection of a new cement or clinker plant with production capacity of 3 ,000,000 tons/year	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 pre-heater 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

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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 Catago Cemet 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 Catago Cemet 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 Moi tpy cement plant in Algeria	Feasibility Study Phase I Fact finding mission	2006
Syria	UC / United Cement Abu Al Shamat	Semi turnkey contract for the establishment of a full bankable feasibility study for a new 3 Moi tpy 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	The implementation of a clinker production line - preliminary stage	Consultancy and Engineering services	2006
Egypt	Per Tech UAE Bani Swelf/South Vally	Consultancy and Engineering Services for Execution of a 1.5 tpa greenfield cement plant for South Valley cement company in Egypt	Technical appraisal Project management Site supervision Technical expertise	2006

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Tunisia	Lorelle Properties	Construction of a new Greenfield cement plant with a capacity of 5,000 tpd	Technical appraisal Feasibility study	2006
Libya	Al Ahliya Cement Company (AH.C.C) Zilten	Cement plant extension - additional line producing 1,000,000 tpy	Basic engineering Site supervision Start-up and commissioning Assistance in operation Technical expertise	2005 -
Senegal	Ciment du Sahel (Kirene)	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	2000 - 2004
Algeria	Société des Ciments de Zahana (Mascara)	Engineering services for the rehabilitation of Zahana cement plant	Technical expertise	2004
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 -
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	2002 - 2005

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Benin	SCB-Lafarge Onigbolo	Audit of the physical condition of the cement plant producing 500,000 tpy	Technical expertise	1999
Senegal	SOVRAM SINDIA	Market studies and feasibility studies for a Greenfield cement (capacity 600,000 tpy)	Market survey Feasibility study	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 - 1997
Nigeria	Kock Transporttechnik Nkalagu	Technical appraisal of the plant and the quarry of the Nkalagu cement plant.	Technical expertise	1996
Egypt	Ameriyah Cement Company (Ameriyah)	Capacity increase from 3,300 to 4,200 tons per day	Technical appraisal	1995
Egypt	Assiut Cement Company	Assessment of plant equipment and of plant operation. Cement production: 3'700'000 t/y.	Technical expertise	1995
Tunisia	Les Ciments de Bizerte	Modification of the limestone crushing department	Project management Basic engineering Civil engineering Mechanical engineering Tender and evaluation	1994 - 1995
Madagascar	Sanca (Mahajanga)	Technical assistance for new start-up of the Ambonio cement plant.	Start-up and commissioning Assistance in operation	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

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Botswana	Cempak Botswana (PTY) LTD	Turn-key supply of a fly ash cement blending and bagging plant	Project management Basic engineering Mechanical engineering Site supervision Start-up and commissioning	1993 - 1994
Syria	General Organisation for Cement	Erection of a new 1mio tpy Greenfield cement plant	Raw material investigation Feasibility study Evaluation of tender documents Basic engineering Site supervision Start up and commissioning	1993 - 2008
Egypt	Spegycy (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 - 1993
Syria	General Organisation for Cement	Erection of a new 1mio tpy 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	1992
Botswana	Botswana Development Corporation (BDC)	Facility study	Technical expertise	1990
Angola	Cimangola/African Development Bank	Study for the upgrading of Luanda Cement Plant with financial analysis for the African Development Bank.	Technical expertise	1988 - 1989
Tunisia	Buttner (Thala)	Follow-up tests on the lime production plant	Start-up and commissioning	1987 - 1988
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	1984 - 1985
Guinea Sougueta	Interastra Engineering S.A.	Feasibility study for a new cement plant at Sougueta	Market survey Raw material investigation Feasibility study	1982
Nigeria	Inter Marine Atlantic Cement (IMAC) (Port Harcourt)	Preliminary study of a new cement terminal with a capacity of 500,000 tpy	Feasibility study	1981

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Togo Lome	Ciments Du Togo	Second extension of the existing clinker grinding station at Lome, Togo. Cement grinding capacity: 850'000 t/y.	Project management Basic engineering Civil engineering Mechanical engineering Tender and evaluation Site supervision Start-up and commissioning	1979
Bangui	Lambert Frères et CIE	Geological and feasibility studies for a new cement plant	Raw material investigation Feasibility study	1978 - 1979
Egypt	National Cement Company	Review of offers for the project of capacity expansion to 1,300,000 t/year	Tender and evaluation	1977
Syria	General organisation for Execution of Industrial Projects (GOEIP)	Review of contractor offer	Raw material investigation Technical appraisal Technical expertise	1977
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 - 1978
Congo Loutete	Ministère Inistère 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 - 1987
Algeria Beni-saf	Société Nationale Des Matériaux De Construction (SNMC)	Construction of a new cement plant producing 1,000,000 tpy	Technical appraisal Project management Site supervision Start-up and commissioning	1976 - 1978

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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 Organisation for Cement	Technical appraisal of a turnkey offer for a new production unit	Technical appraisal	1976
Syria	General Organisation for Cement	Technical review of a preliminary 1mio tpy plant design	Technical appraisal	1976
Guinea Sougueta	Arab Bank for Economic Development in Africa (BADEA)	Feasibility study for a new cement plant producing 250,000 tpy	Feasibility study	1975
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 and commissioning	1974 - 1977
Algeria Hadjar Soud	Société Nationale Des Matériaux De Construction (SNMC)	Second production line of cement. Cement production capacity: 1'000'000 t/year.	Market survey Raw material investigation Feasibility study Project management Basic engineering Tender and evaluation Site supervision Start-up and commissioning	1973 - 1975
Togo Aveta	Ciments De L'Afrique De L'Ouest (CIMA O)	Studies for a greenfield clinker production plant in Togo. Clinker production capacity: 1'200'000 t/y.	Market survey Raw material investigation Feasibility study Project management Basic engineering	1972 - 1980
Togo Lome	Ciments Du Togo	Extension of the existing clinker grinding station at Lome, Togo to 150,000 tpy	Project management Basic engineering Civil engineering Mechanical engineering Site supervision Start-up and commissioning	1972 - 1977

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Libya Tripoli	General National Organisation for Industrialisation	Techno-economic study for third cement plant in Libya.	Market survey Feasibility study Basic engineering	1972 - 1973
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 and commissioning	1971 - 1972
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	1971
Algeria Mascara	Société Nationale Des Matériaux De Construction (SNMC)	Geological and preliminary studies for a new cement	Raw material investigation	1970 - 1971
Togo Lome	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 Lome	Ciments Du Togo	Construction of a ship unloading terminal for the Lome grinding station	Project management Basic engineering Site supervision Start- up and commissioning	1969 - 1972

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