



## **LIST OF REFERENCES**

**CEMENT ENGINEERING (CESA) S.A.**

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## Cement Plant Projects

2025 - on going. Cahya Mata Cement, [Malaysia](#)

**Second clinker line of 6,000 t/d equipped with a WHR and a photovoltaic power generation:** EPC project. Increase of the total cement production of the plant to 3 million t/y. Technical specifications establishment, offer evaluation, engineering review.

2019 - 2025. Les Ciments du Sahel, [Senegal](#)

**Third cement line of 3 Mt/y to increase the total production of the plant to 6 Mt/y:** EPC project. Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contracts and project executions, supervision and commissioning).

**Captive power plant of 60 MW:** EPC project. Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contract and project execution, supervision and commissioning).

**Additional roads and non-process buildings:** several EPC projects.

2023 - on going.

**Technical and commercial specifications for a 30 MW solar power plant** using the PLA (Power Lease Agreement) concept. Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contract and project execution, supervision and commissioning).

2019 - 2024. Tekcim, [Morocco](#)

**Greenfield cement plant of 1.4 Mt/y:** Multi-package project with one EP contractor for process equipment. Engineering approval, main equipment inspections, project management assistance, erection and commissioning supervision .

2018. CIMAF, [Guinea Conakry](#)

**Second line grinding station in order to increase the production by 1 Mt/y:** Design review and project monitoring on behalf of the lenders (banks).

2016 - 2021. Société Saoura Ciment, [Algeria](#)

**Greenfield cement plant of 1.3 Mt/y:** EPC project. Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contract and project execution, supervision and commissioning).

2016 - 2020. Société des Ciments de Sigus, [Algeria](#)

**Greenfield cement plant of 2.5 Mt/y:** EPC project. Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contract and project execution, supervision and commissioning).

2016 - 2018. Moncement Building Materials LLC (MBM), [Mongolia](#)

**Greenfield grinding station of 120 t/h:** EPC project. Project management responsibilities from design and engineering approval to site supervision.

2015 - 2017. Cevital Minerals, [Algeria](#)

**Greenfield cement plant of 5 Mt/y:** Multi-package with one EP supplier for process. Full project management responsibility from feasibility study to final taking over but on hold right before EP contract signature due to political issue .

2014 - 2016. Moncement, [Mongolia](#)

**Greenfield cement plant of 730'000 t/y:** EPC project. Project management responsibilities including review of the technical and financial EPC contract, compliance with technical requirements and erection schedule, monthly progress supervision performance tests and technical completion report review .

# REFERENCES

2014 - 2016. Giant Cement Works Ltd (GCWL), [Nigeria](#)

**Greenfield cement plant of 1.3 Mt/y:** EPC project. Full project management responsibility from feasibility study to final taking over but on hold before EPC contract signature due to financing issue.

2012 - 2016. Tanga Cement, [Tanzania](#)

**Second cement line to increase the production to 1 Mt/y:** EPC project. Design review and project monitoring on behalf of the lenders (banks).

2012 - 2015. International Cement Company (ICC), [Nigeria](#)

**Greenfield cement plant of 1.5 Mt/y:** EPC project. Full project management responsibility from feasibility study to final taking over.

**Captive power plant of 44 MW:** EPC project. Full project management responsibility from feasibility study to final taking over.

Projects on hold right after EPC contract signature for cement plant due to financing issue.

2010 - 2014. La Nouvelle Cimenterie du Bénin, [Benin](#)

**Greenfield cement plant of 1.5 Mt/y:** EPC project. Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contract and project execution, supervision and commissioning).

**Captive power plant of 40 MW and connection to national power grid:** 2 EPC projects. Full projects management responsibility from feasibility study to final taking over (e.g. calls for tender, contracts, engineering reviews, management of contracts and project executions, supervision and commissioning).

2007 - 2011. Les Ciments du Sahel, [Senegal](#)

**Second cement line to increase the production to 2 Mt/y:** Multiple packages project. Full project management responsibility from feasibility study to final taking over (e.g. calls for tender, contracts, engineering reviews, management of contracts and project executions, supervision and commissioning).

**Captive power plant of 40 MW:** EPC project. Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contract and project execution, supervision and commissioning).

2007 - 2011. Ohorongo Cement, [Namibia](#)

**Greenfield cement plant of 1 Mt/y:** EPC project. Design review and project monitoring on behalf of the lenders (banks).

## Installation of Equipment

2024 - on going. La Nouvelle Cimenterie du Bénin, [Benin](#)

**New bagging line of 3000 bags/h:** Multi-package with one EP contractor for process. Full project management responsibility from technical study to final taking over.

2024 - 2025. COGECA, [Senegal](#)

**Revamping of the aggregate plant of 1000t/h:** Full project management responsibility from technical study to final taking over, including replacement of two new crushers and three screens.

2020. Cemento Chagres, [Panama](#)

**Dust-free transport between crusher outlet and classifier feed of a grinding station of 300'000 t/y:** Full project management responsibility from technical study to final taking over.



## Installation of Equipment (continuation)

2020. Holcim (Philippines) La Union plant, *Philippines*

**Replacement of existing pneumatic transport line by mechanical transport line:** Engineering and commissioning assistance.

2012 - 2015. Monpolymet, *Mongolia*

**New grinding unit of 120 t/h:** Project management responsibilities including review of the technical and financial EPC contract and supervision of work progress.

2012 - 2013. Holcim (Philippines) La Union plant, *Philippines*

**Clinker cooler replacement of 2'800 t/d:** Project management responsibilities including design engineering and erection supervision.

2012 - 2013. Holcim (Philippines) Calaca plant, *Philippines*

**Fly ash installation for grinding station of 375'000 t/y:** Project management responsibilities including design engineering and supervision of work progress.

2011 – 2012. United Cement Company of Nigeria LTD. (UniCem), *Nigeria*

**Main crusher installation of 1'200 t/h:** Engineering review and erection supervision.

2010 - 2011. Ciment Vigier (Ciments Vicat), *Switzerland*

**Automatic bulk loading station:** Review of civil engineering drawings and construction supervision on site.

2006 - 2007. Les Ciments du Sahel, *Senegal*

**Extension packing plant of 2'400 bags/h:** Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contracts and project executions, supervision and commissioning).

2004 - 2006. Les Ciments du Sahel, *Senegal*

**Coal grinding and handling installation of 38 t/h:** Full project management responsibility from feasibility study to final taking over (e.g. call for tender, contract, engineering review, management of contracts and project executions, supervision and commissioning).

## Feasibility Studies & Call for Tenders

2024 - on going. Cimenterie de Mauritanie S.A., *Mauritania*

**Greenfield clinker plant of 1 Mt/y:** Review of a third-party feasibility study to update it into a bankable feasibility study, including complementary raw material exploration programme.

2022 - 2024. Xewell Cimenterie, *Senegal*

**Greenfield grinding station (modular containerized design) and concrete batching plant of 420'000 t/y:** Basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract.

2018 - 2020. Libyan Cement Company, *Libya*

**Brownfield cement plant of 1 Mt/y:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract.

2018 - 2019. Les Ciment du Sahel, *Senegal*

**Brownfield cement plant of 2.4 Mt/y:** Feasibility study, basic engineering, call for tender, evaluation of offers for EPC or multi-package project, writing and negotiations of the contract.

# REFERENCES

2017 - 2018. Libyan Cement Company, [Libya](#)

**Rehabilitation of existing lines in the Benghazi-Hawari plant:** Feasibility study and technical assessment of the actual state of the equipment. Evaluation of three rehabilitation scenarios with up to 7'200 t/d capacity.

2016. SGTM, [Morocco](#)

**Greenfield grinding station and cement dispatch:** Comparative profitability study between a 250'000 t/y and 400'000 t/y capacity.

2015 - 2017. Cevital Minerals, [Algeria](#)

**Greenfield cement plant of 5 Mt/y:** Comparative feasibility studies of production scenarios with one kiln of 10'000 t/d or 12'000 t/d capacity, or 2 kilns of 6'000 t/d capacity. Call for tender, evaluation of offers, writing and negotiations of the contract for the 6'000 t/d option.

2014 - 2015. Giant Cement Works Ltd., [Nigeria](#)

**Greenfield cement plant of 2.6 Mt/y:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract, and raw material exploration in the Cross River state.

2014. La Nouvelle Cimenterie du Bénin, [Benin](#)

**Coal power station 2 x 100 MW:** Pre-feasibility study.

2014. Tanga Cement Company Ltd., [Tanzanie](#)

**Grinding station of 120 t/h and cement dispatch of 700'000 t/y:** Feasibility study.

2013. CMS Clinker, Mambong, [Malaysia](#)

**Cement grinding plant of 150 t/h and cement dispatch of 1 Mt/y:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract, and supervision of execution.

2013 - 2014. International Cement Company Ltd., [Nigeria](#)

**Greenfield cement plant of 1.5 Mt/y:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract.

**Captive power plant of 44 MW:** Feasibility study, basic engineering, call for tender, writing and negotiations of the contract.

2011. Holcim (Spain), Carboneras plant, [Spain](#)

**Replacement of the precalciner and the clinker cooler of a capacity of 3'300 t/d:** Market survey, feasibility study, project management and basic engineering.

2010. Ebonyi Cement Company, [Nigeria](#)

**Greenfield cement plant of 2 Mt/y:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract.

2007 - 2010. SGTM, [Morocco](#)

**Comparative study for a greenfield cement plant for 3'600 t/d and 5'000 t/d:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract.

2007 - 2010. Omega, [South of Europe](#)

**Greenfield cement plant of 2 Mt/y:** Feasibility study and engineering.

2007 - 2010. La Nouvelle Cimenterie du Bénin, [Benin](#)

**Greenfield cement plant of 1.5 Mt/y:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract.

**Captive power plant of 30 / 40 MW:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract.

2006 - 2007. Les Ciments du Sahel, [Senegal](#)

**Second cement line to increase the production to 2 Mt/y:** Feasibility study, basic engineering, call for tender, evaluation of offers, writing and negotiations of the contract.

## Studies and Consulting

2021 - 2024. SCBL - Lafarge, [Benin](#)

**New cement grinding station to increase the production to 740'000 t/y:** Plant audit, basic engineering, call for tender, evaluation of offers, budgeting.

2022. Apaxco, [Mexico](#)

**Opportunity study for the complete plant rehabilitation and the installation of a new 3'000 t/d line.**

2022. Afric Cement, [Burkina Faso](#)

**Crushing and bagging station of 40 t/h:** Critical review of the tender documents, assistance with awarding.

2020. Cemento Chagres, [Panama](#)

**Critical study of the design, engineering and construction of a 300'000 t/y grinding station** built in 2018 by a company from Florida, USA.

2018. LafargeHolcim Côte d'Ivoire, [Ivory Coast](#)

**Basic engineering and evaluation of the investment costs** of a material handling, storage and recovery facility at the LafargeHolcim plant located in the port of Abidjan.

2017. CRH Illigan, [Philippines](#)

**Master plan for capacity increase to 8000 t/d of clinker of the cement plant and to 2.7 Mt/y** harbour facilities at its grinding plant.

2013. Kerkoub Group, [Mauritania](#)

**Design engineering of a grinding terminal project of 80 t/h.**

2013. Holcim (Philippines) Calaca plant, [Philippines](#)

**Upgrading and replacement of clinker cooler of 2'800 t/d.**

2011. Les Ciments du Sahel, [Senegal](#)

**Waste heat recovery power plant study** for independent steam or O.R (Organic Rankine) cycles for each cement kiln.

2011. Holcim (Guinée), [Guinea](#)

**Design estimation of a turnkey grinding terminal expansion project of 80 t/h.**

2009. Obajana Cement, [Nigeria](#)

**Study for the optimization of cement grinding of 2 x 335 t/h.**

2007 - 2008. Heracles Co. (Lafarge), [Greece](#)

**Transformation of kiln of 250'000 t/y capacity from grey to white clinker.**

## Audits / Due Diligence

2020. Al Hoceinia, [Morocco](#)

Technical audit of the grinding plant of Dakhla Amenagement SA in with a capacity of 100,000 t/y.

2013. Addis Abeba, [Ethiopia](#)

Technical audits of two plants with vertical shaft kilns in Mojo and Gebre Guracha, for a combined capacity of 1.1 Mt/y.

2013. Onigbolo Cement, [Benin](#)

Technical audit of the 500'000 t/y cement plant.

2012. Carthage Cement, [Tunisia](#)

Technical and financial audit of the 2.4 Mt/y Dgehal Resas cement plant.

2009. Onigbolo Cement, [Benin](#)

Technical audit of the 500'000 t/y cement plant.

# REFERENCES

## Exploration and Mining

2024 - on going. Nouvelle cimenterie du Bénin, *Benin*

Review of the exploration data, update of the 3D geological modelling, and estimation of block models for resources evaluation. Modelling of the combined production of both quarries.

2024 - on going. Cimenterie de Mauritanie S.A., *Mauritania*

Planning and supervision of the complementary exploration campaign. 3D geological modelling and resource evaluation.

2023. Ciment et Chaux du Mali, *Mali*

Review of the exploration data, 3D geological modelling, and resources evaluation.

2022. Novacim, *Morocco*

Second the exploration campaign, 3D geological modelling and block model estimation, resource evaluation and production scheduling.

2017 - 2018. Ultratech, Shambhupura plant, *India*

Review of the exploration work, update of the 3D geological model, block model estimation and production scheduling.

2016 - 2017. International Cement Company Ltd, *Nigeria*

Planning and management of the first exploration campaign. Review of the 3D geological model after the second drilling campaign and block model estimation.

2015 - 2016. Cevital Minerals, *Algeria*

Planning and management of the exploration campaign, geological 3D modeling, bloc model estimation, and production scheduling.

2014 - 2016. Giant Cement Works, *Nigeria*

Planning and management of the exploration campaign, geological 3D modeling, and bloc model estimation.

2013 - 2014. Yamama Cement, *Saudi Arabia*

Planning and management of the exploration campaign for a 12.7 Mt/y Greenfield cement plant. 3D geological modelling, bloc model estimation, and production scheduling.

2013 - 2014. Quiboco Cement Industries Ltd, *Uganda*

Exploration campaign in a marble deposit.

2011. PHME, *Saudi Arabia*

Assessment of raw materials and 3D geological modelling.

2010 - 2012. SGTM, *Morocco*

Planning and management of the exploration campaign, 3D geological modelling, and resource evaluation.

2009 – 2013. La Nouvelle Cimenterie du Bénin, *Benin*

Planning and management of the exploration campaign, 3D geological modelling and resource evaluation.



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