



IDOM

Metals
& Minerals

The IDOM logo is rendered in a bold, dark blue, sans-serif typeface. The letters are closely spaced, and the overall appearance is clean and professional. The logo is positioned in the upper right quadrant of the page, set against a white background. The left side of the page features a large, abstract blue shape that tapers from the top left towards the center, creating a dynamic, modern feel.

Our commitment,
your success

About IDOM

We are an **association of independent professionals** working in the fields of Consulting, Engineering and Architecture, united in our way of doing things and shared objectives, at the service of our clients.

- €300 M
turnover
- 62
years
- 125
countries
- 3,500
professionals
- 45
offices
- 780
partners

Our pillars

Our activity is governed by elements that allow our **professionals to grow and resolve the challenges of our clients.**

- We believe in **excellence**. We strive for excellence in everything we do.
- We believe in the **power of human relationships** as a motivating force to overcome difficulties.
- We are **passionate about resolving problems** that no one has solved before.
- **Innovation** is present in all our activities.



If you want to know more about our activity and our projects, scan this code with your phone to see our corporate video.



“ From extraction in the mine to manufacturing, through transformation, the cycle of raw materials is increasingly conditioned by technology. ”

Andoni Borjabaz
Director of the Metals & Minerals Division

Services

- Market Studies
- Business Development
- Conceptual Design
- Feasibility Studies
- Basic Engineering
- Detailed & Construction Engineering
- Purchase Management
- PMC/EPCM

Markets

- Mining
- Iron Production
- Iron & Steel Industry
- Finishing Plants
- Infrastructures, Utilities, Services & Environment

Products

- Iron & Steel
- Stainless Steel
- Aluminum
- Metallic Minerals
- Industrial Minerals



Every year, **Engineering News Record (ENR)** ranks engineering, architecture firms, and contractors based on turnover in diverse sectors.

IDOM is proud to have achieved **10th place worldwide in International Design**, taking into account only Steel & Non-Ferrous Metals.



- SPAIN

**CASITERITA & COLUMBOTANTALITA
CONCENTRATE BENEFICIATION
PLANT FOR STRATEGIC MINERALS**

Engineering, Supervision and
Construction Management services
in Penouta

IDOM has developed the basic BOP engineering, detailed engineering, procurement management, construction management, and management of the new gravimetric separation and flotation plant for the recovery of the existing ore in the Penouta mine.

The plant has been dimensioned to treat approximately 126 tons/hour of all-in-one to obtain tin, niobium and tantalum concentrate.

- ALGERIA

**PRE-FEASIBILITY STUDY
FOR FERAAL**

Consulting and Engineering
services for the Mining-Steel
Complex of Gâra Djebilet

FERAAL is an Algerian public company, created in 2014 to exploit and maximize the extraction and production capacity of national iron ore and thus reduce importation to meet the needs of the steel industry.

IDOM has been participating in the development of the Pre-Feasibility Study, both financial and technical, for the mining and steel complex.



- SPAIN

FLOATATION PLANT FOR IBERPOTASH

Engineering & EPC services en Suria

IDOM has developed the basic and detailed engineering, procurement, supply and construction services for the expansion of the silvinitic flotation plant for Iberpotash, with the aim of doubling production.

The mineral, extracted from underground mining, undergoes a flotation separation process once the correct size is achieved following the previous crushing and grinding stages. The final product of interest is a potassium chloride concentrate.



- SPAIN

MINERAL TREATMENT PLANT IN SEVILLE

Engineering services & CapEx Estimation

Minera los Frailes, a subsidiary of Grupo México, one of the most important Corporations in the international arena, with more than 80 years of business experience in Mexico, the United States of America and Peru, is currently working on the reopening of the Mining Complex of Aznalcollar in Seville, Spain.

IDOM has been contracted by Minera los Frailes to develop the Detailed Engineering, Evaluation and Determination of the CapEx of a Mineral Treatment Plant capable of processing 2.7 Million tons of Iberian Pyrite Belt mineral per year to obtain through differential concentration, zinc, lead and copper concentrates.

The engineering has to meet the precision standards according to the guidelines indicated in International Standard N143-101.



● ALGERIA

SIDERURGICAL COMPLEX FOR AQS

EPCM services for the Bellara steel complex

IDOM has participated in all phases of the project, providing design management services, assistance during the procurement phase, construction management, construction supervision, cost management, deadline control, and coordination during all phases. IDOM is currently acting as a PMC during the construction of the steel complex that will supply 2 Million tons/year of steel rod and wire rod.

In addition to the work management and control of suppliers, the scope of services includes the acting as the designer for the balance of plant, that is, the design for the integration of the different main packages in which the works have been divided.



© Aceros Arequipa

● PERU

NEW STEEL MILL FOR ACEROS AREQUIPA

EPCM services for the expansion of the facilities in Pisco

Aceros Arequipa is building a new steel mill with an electric arc furnace at its current facilities in Pisco (Peru), which will reach an annual production of 1.25 Million tons/year of liquid steel from raw material in scrap format. It represents an increase of 50% compared to the current production capacity of the existing steel mill.

This expansion and modernization project will also increase the variety of products manufactured in this production center.



- SAUDI ARABIA

- NEW ALUMINUM LAMINATION FOR SAMSUNG ENGINEERING / SMS SIEMAG**

- Detailed Engineering services for the new aluminum lamination operation in Ras Az Zawr

- IDOM has developed the civil and structural engineering for the Samsung Engineering group under its EPC contract for the construction of an aluminum lamination operation of 380,000 tons/year. The scope of work includes the metal structure of the facility (100,000 m²) and the complete civil works.

- Additionally, SMS SIEMAG has awarded IDOM the civil engineering project for its EPC contract for the construction of a new lamination and heat treatment line for aluminum sheet for later automotive use that the Saudi Arabian Mining Company (Ma'aden) has built.

- BAHRAIN

- STEEL MILL FOR SAMSUNG ENGINEERING**

- Detailed Civil Engineering services

- IDOM has developed the detailed civil engineering of a steel mill for an annual production of 850,000 tons of steel and a heavy structural rolling line with a capacity of 600,000 tons/year of finished product.

- The project, located in the industrial area of Hidd, near the capital of Bahrain, has been built by the consortium formed by Samsung and the German technology supplier (SMS) and is part of a comprehensive steel complex that is complemented by a pre-reduced production plant (DRI), a pelletizing plant, and a reception and storage park for ore.



● MEXICO

**RELINE OF BLAST
FURNACE & NEW
SHEET LAMINATION
FOR ARCELOR MITTAL
MEXICO**

**ECM & EPCM
services for the
Lázaro Cárdenas plant**

IDOM has provided engineering and construction management (ECM) services for the integral furnace reline, and improvement and modernization of pig iron and steel production.

In addition, IDOM has developed EPCM services for the new Hot Strip Rolling Mill, Skin-Pass laminator, and Continuous Pickling Line for production of 2.5 Million tons/year of steel coils.

In addition to the work of management and control of the suppliers, the scope of the services includes the integrative engineering of the project.

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