



POWERING INDUSTRY
**ENGINEERING
THE FUTURE**

ENERGY | IRON & STEEL | HYDROPOWER | HEAVY INDUSTRY

CORPORATE PRESENTATION · 2026

WE WILL MAKE YOU A GLOBAL BRAND



From Engineering to Production, Since 2010

Founded in Adana in 2010, SESAN operates across two core areas of expertise. Through SESAN Hydro, it provides engineering and production solutions for hydroelectric and hydromechanical systems; through SESAN Industry, it delivers engineering and production solutions for iron & steel and heavy-industry projects.

2010

Founded

2

Areas of Expertise

Hydro · Industry

7,500 m²

Production Area

Strategic Access to Two Ports



PEOPLE & EXPERTISE / 100+ EMPLOYEES

73.1%

BLUE COLLAR

26.9%

WHITE COLLAR

GENDER DISTRIBUTION AMONG WHITE-COLLAR EMPLOYEES

42.9%

FEMALE

57.1%

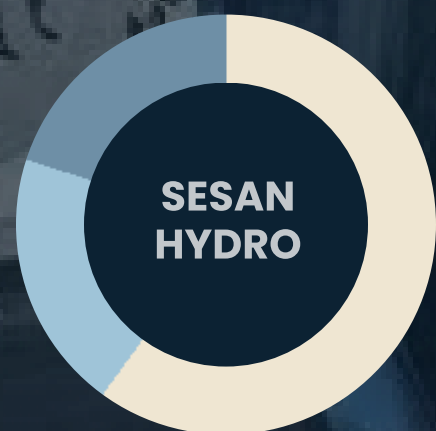
MALE

One Engineering Power. Two Areas of Expertise.

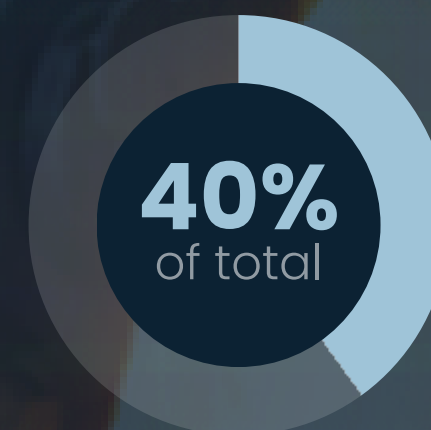
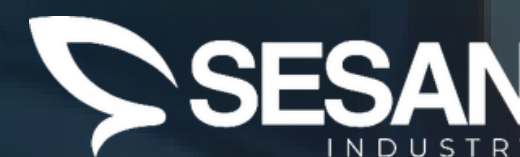


SHARE OF BUSINESS

Turnkey hydromechanical scope for hydropower plants.



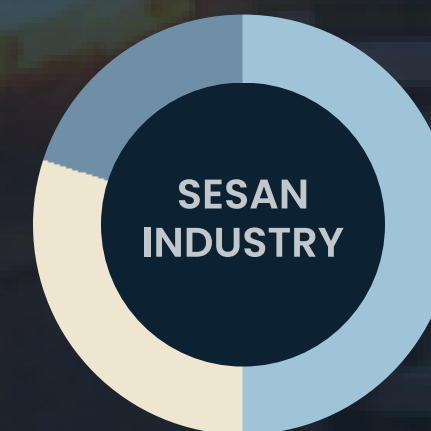
- **60%** Valves
- **20%** Hydromechanical Equipment
- **20%** Turbine Equipment



SHARE OF BUSINESS

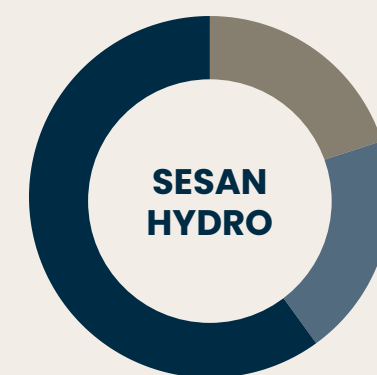
Heavy fabrication and equipment for Heavy Industry.

- Iron & Steel Plant Equipment **50%** ■
- Heavy Industry Fabrication **30%** ■
- Machined Components **20%** ■

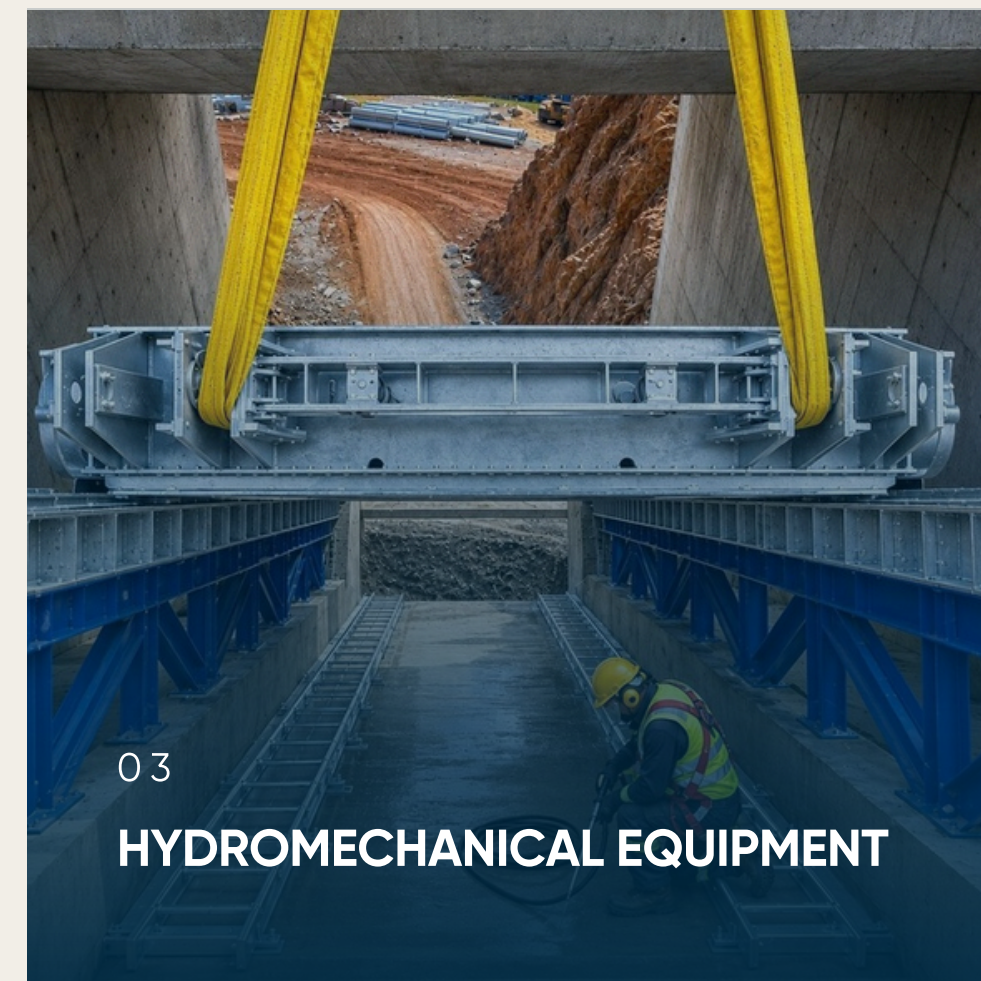


We Engineer the Power of Water.

We provide engineering, manufacturing, and field solutions for hydropower plants, dams, irrigation and infrastructure projects.



- 60% Valves
- 20% Hydromechanical Equipment
- 20% Turbine Equipment



Valve Solutions

Sesan Hydro designs and manufactures hydropower flow control systems for dams, hydropower plants and water infrastructure projects.

Our product range includes butterfly valves, spherical valves, fixed cone valves, slide valves and hydraulic actuation systems engineered for large-diameter and high-pressure applications.

- Butterfly Valves / MIV
- Spherical Valves
- Hollow Jet Valves (Conical Valves)
- Hydraulic Actuation Systems
- Gate Valves
- Custom Flow Control Solutions

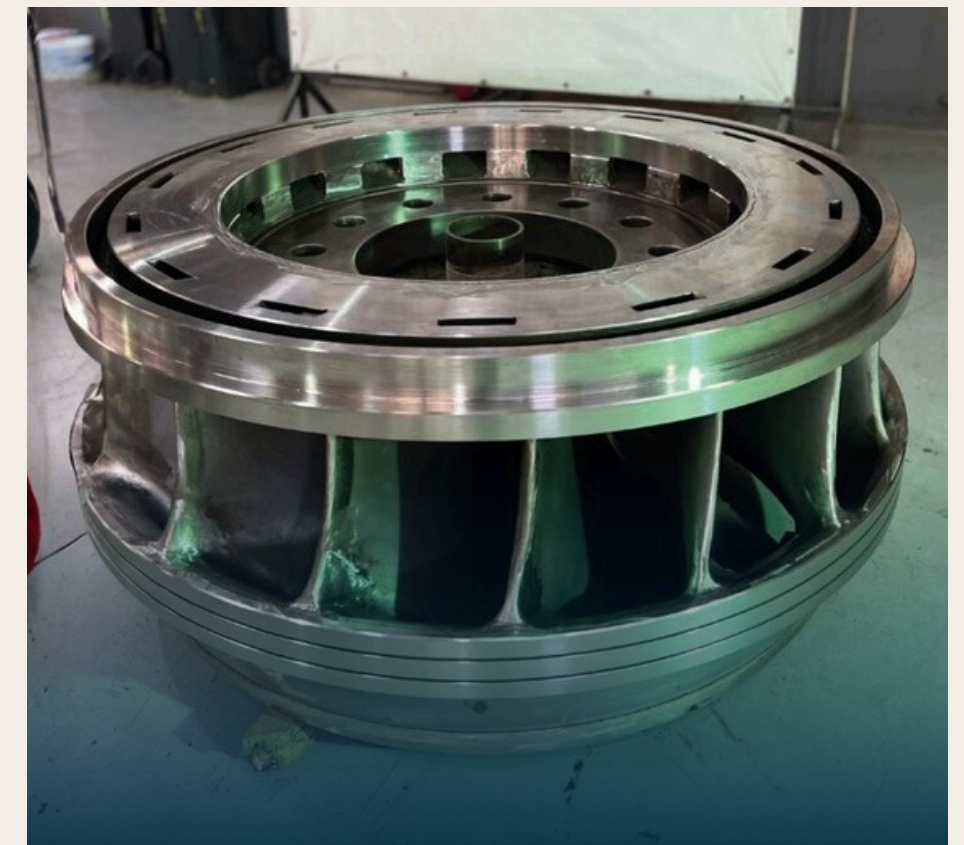


Turbine Equipment

At Sesan, we manufacture turbine equipment for hydropower applications with strong production capability, precision machining, full traceability, and a transparent quality approach.

Through digital transformation and continuous improvement, we deliver innovative solutions for turbine equipment with reliable performance, fast response, and on-time delivery.

- Spiral Case
- Draft Tube
- Pit Liner
- Stay Ring
- Head Cover
- Bottom Ring
- Guide Vane Assemblies
- Wicket Gate Components
- Wicket Gate Ring
- Pelton Turbine Components
- Runner Components
- Operating / Regulating Ring



Hydromechanical Equipment

We provide engineering, manufacturing, and field services for project-specific hydromechanical equipment for dams and hydroelectric power plants.

- Penstock and Branches
- Radial and Slide Gates
- Gate Hoisting System
- Dismantling & Expansion Joint
- Trash Rack Cleaning Machine



We Power Industry with Engineering.

Engineering, manufacturing, and special machinery solutions for iron and steel and heavy industry projects.

Iron & Steel Plant Equipment **50%** ■
Heavy Industry Fabrication **30%** ■
Machined Components **20%** ■



01
IRON & STEEL INDUSTRY



02
HEAVY INDUSTRY



03
ROBOTIC WELDING & MACHINING

Iron & Steel Equipment

We provide engineering and manufacturing for project-specific equipment for iron and steel facilities and heavy industry applications. With our heavy fabrication, precision machining, and field experience, we deliver reliable solutions for demanding operating conditions.

- Transfer Cars
- Scrap Buckets, Chutes & Steel Ladles
- Electric Arc Furnace
- Melting & Casting Equipment
- Crane Trolleys & Bogie Systems
- Pulley & Hook Blocks



Heavy Industry

Beyond hydromechanical equipment and solutions for the iron and steel industry, SESAN manufactures project-specific heavy equipment and components for the energy, mining, cement, defence, marine and other demanding industrial sectors. Large-scale and high-weight components are fabricated by our experienced production team through controlled welding processes, in full compliance with approved drawings and customer specifications.

Following welded fabrication, precision machining is performed on our large-capacity machine tools within a fully integrated manufacturing environment. From material procurement and welding to precision machining, quality control, assembly and dispatch, SESAN manages the complete production process to deliver reliable, project-specific solutions for diverse industrial applications.



Robotic Welding & Machining

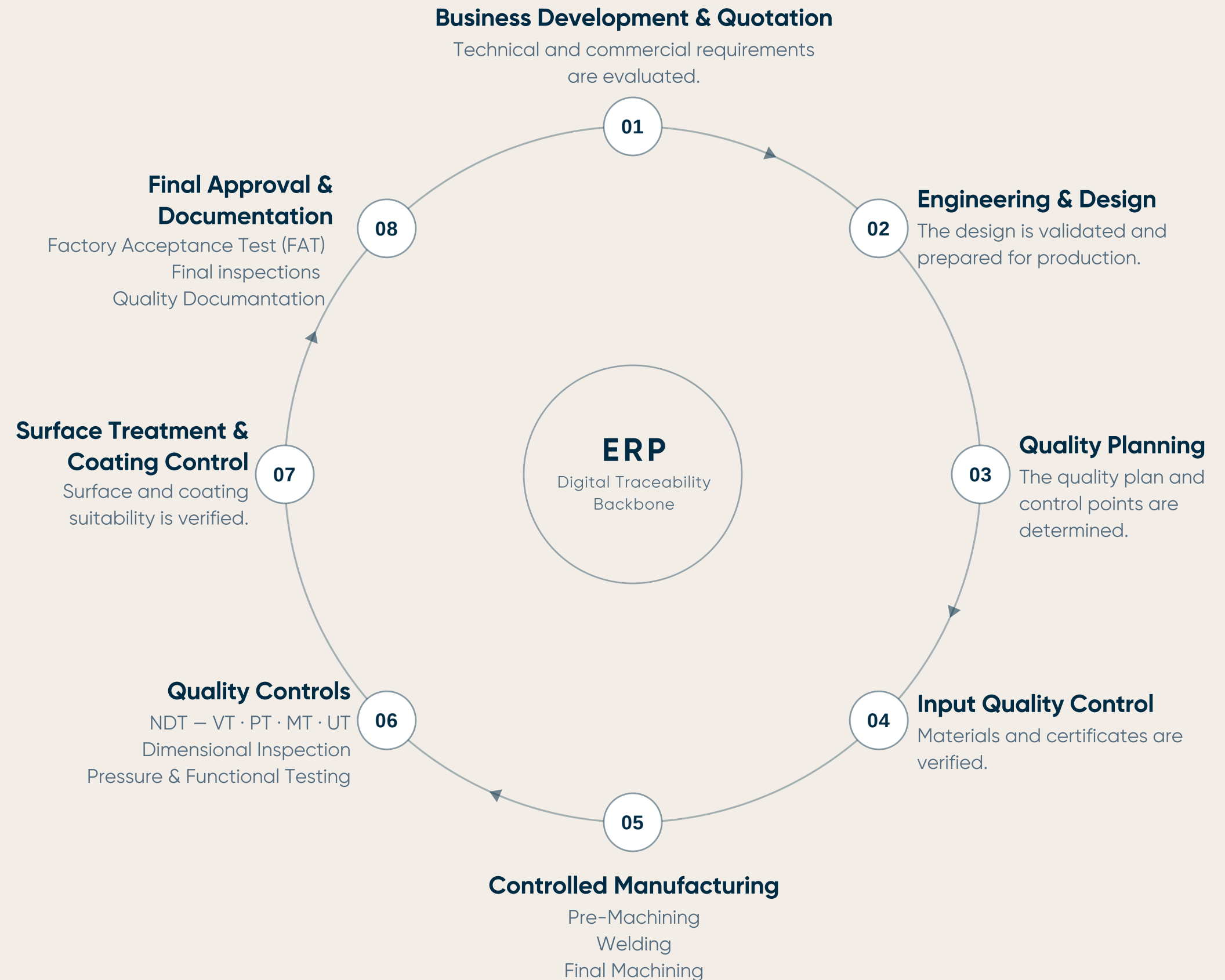
By embracing evolving technologies, we continuously invest in advanced solutions that enhance our production capabilities, with a strong focus on quality and speed.

Our Robotic Welding and Precision Machining Systems deliver consistent, accurate, and high-quality results, minimizing errors while maximizing production efficiency and reliability.



Quality, Not at the End of the Process; At Every Stage.

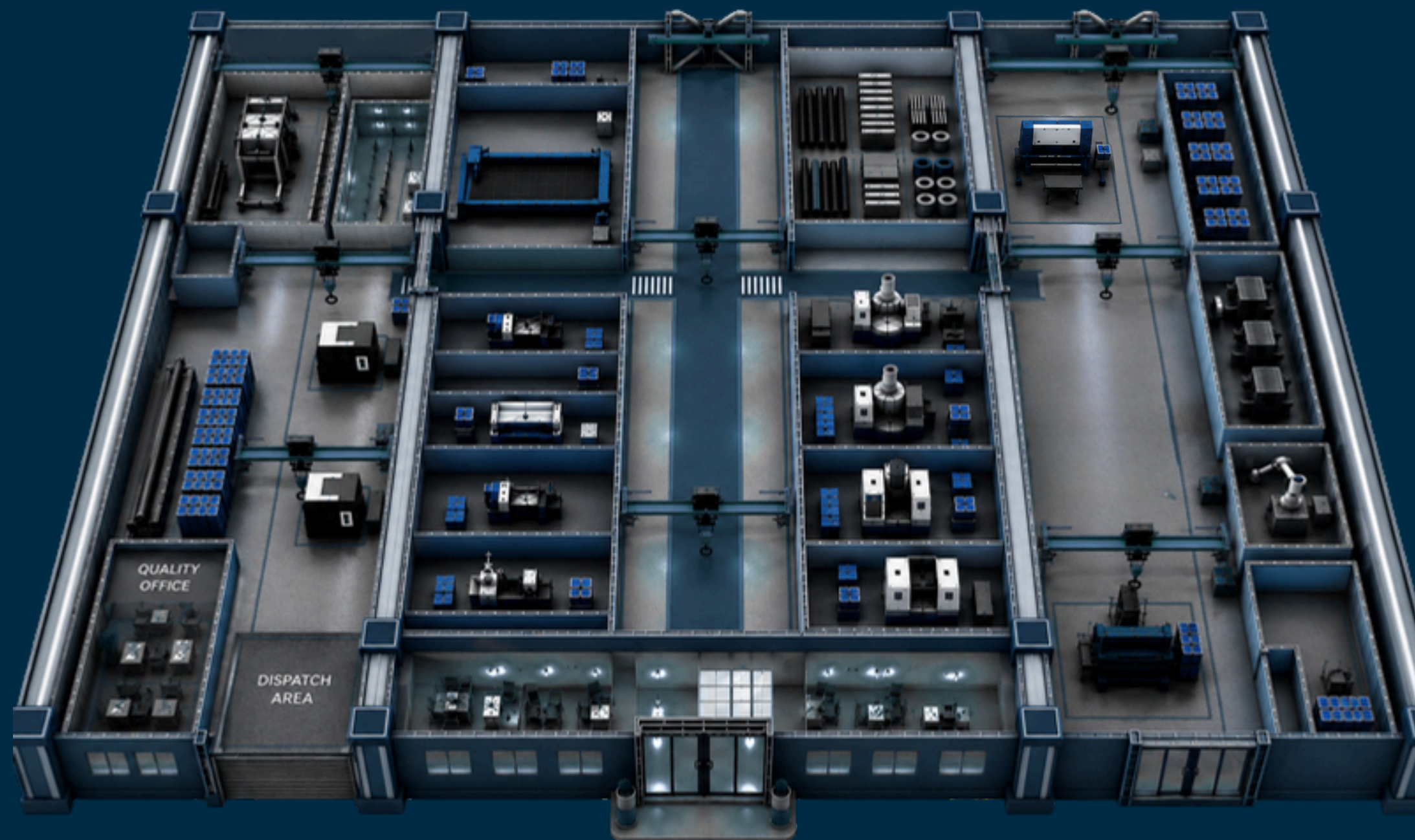
The entire process, from quotation to final approval, is managed with ERP-based traceability and quality discipline.



MANUFACTURING CAPABILITIES

Every Core Operation, In-House.

From plasma cutting to final coating, SESAN operates a fully integrated machine park – keeping every critical operation under direct control of quality and lead time.



Machines & Stations
30+

Max. Machining Diameter
Ø4,500 mm

Core Capabilities
10+

Max. Machining Length
6000 mm

In-House Production
90%

Max. Bending Capacity
7000 mm

Quality Certificate
10+

Max. Welding Length
15.000 mm

Manufacturing Capacity
1200 – 1500 t/year

Max. Welding Diameter
10.000 mm

Max. Man Hour
15.000 m/h per mont

Max. Lifting Capacity
60 T

Green Production Model

As part of our corporate social responsibility, we support clean energy production and manage all our business processes according to environmental responsibility principles.

Solar PV Investment

We generate our own electricity with solar panels installed on the factory roof.

CBAM Reporting & Carbon Transparency

We publish CBAM reports to ensure transparent and traceable monitoring of carbon emissions across our production activities.

2,400

tons/year

CO₂ Emission Savings

2,000

trees/year

Equivalent Benefit



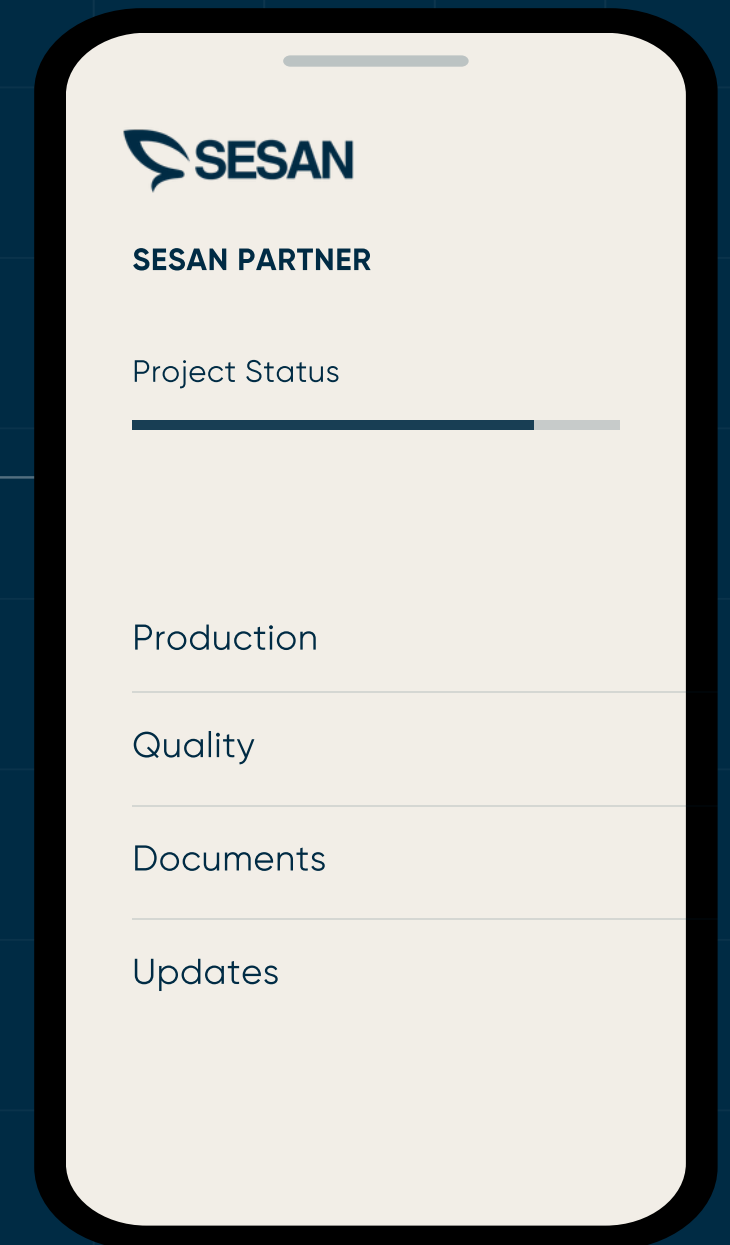


SESAN PARTNER APPLICATION

Field Progress, On the Customer's Screen.

Project progress in production and field processes is shared with our customers simultaneously and transparently through SESAN Partner.

TRANSPARENCY · TRACEABILITY · REAL-TIME ACCESS



CUSTOMER ACCESS
Real-time access to project progress.

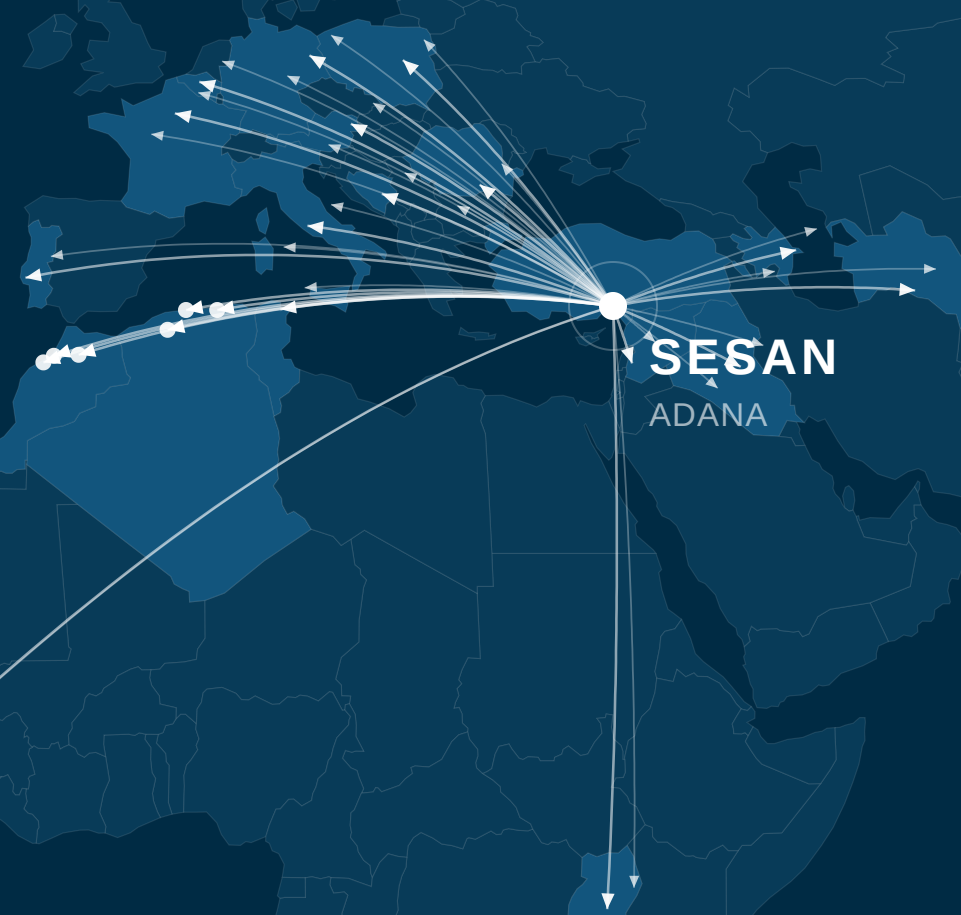


From Adana To the World.

International project experience and engineering strength.

100+
PROJECTS

20+
COUNTRIES



Our Solution Partners



You Are Here!



SAI
Enterprise Digital Intelligence

THANK YOU !

Engineering. Manufacturing. Partnership.



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