

ALSTOM IN CATALONIA



ALSTOM
· mobility by nature ·

ALSTOM IN CATALONIA



LEADING THE MOBILITY SECTOR

Alstom develops and markets sustainable mobility solutions that provide the basis for the future of transport.

Alstom's product portfolio ranges from high-speed trains, regional trains, suburban trains, metros, monorails and trams to turnkey integrated systems, infrastructure, maintenance services, signalling and digital mobility solutions.

Global reach

Every day, Alstom provides sustainable mobility solutions for



80,000,000
daily passengers



64
countries

Alstom, in the world



84,700+
employees



9,800+
patents



17,6 bn
sales *



150,000+
vehicles in commercial service



23,900+
engineers



91,9 bn
order backlog *



3,200+
employees
(not including JVs)



48%
export
(sales)



1 out of every 3
trains in circulation in Spain, have been manufactured and maintained by Alstom



Sales
799
million euros *

In **Spain**, Alstom has an industrial and technological presence in all activities related to rail transport and sustainable mobility: signalling, infrastructure, train manufacturing, traction systems, maintenance and digital mobility.

Biscay

Traction systems industrial site

4

Innovation and digital mobility sites

20+

Maintenance workshops



Catalonia

Rolling stock industrial site

- Design, engineering and manufacturing

Signalling and digital mobility

Maintenance

- Trains and infrastructure

Madrid

Innovation, signalling and digital mobility

* Fiscal year 23/24, closed on March 31st, 2024.

* Fiscal year 23/24, closed on March 31st, 2024.

ALSTOM IN CATALONIA



1855

We can go back **more than 150 years** in time to find the origins of Alstom in Catalonia.

In 1855, La Maquinista Terrestre y Marítima S.A. was founded, an industrial and metallurgical company later acquired by Alstom. Since then, Alstom has had a long history of innovation and commitment to Catalonia's economic and industrial development.



Santa Perpètua

- Rolling stock industrial site: engineering and manufacturing
- Services: railway maintenance R&D site

Triangle - ZAL

Maintenance

Sant Joan Despí

Trambaix

Maintenance

Sitges

Signalling

Vilanova

Irvia

Montcada i Reixac

Irvia

Mataró

Irvia

San Andrés Condal

Btren

Sant Adrià de Besòs

Trambesòs

Maintenance

Can Tunis

Ateinsa

Irvia

Btren



1,500+

employees (including JVs)



1

Rolling stock industrial site



8

Maintenance sites



1

Signalling and engineering site

TODAY

We are one of the **main players in the sustainable mobility sector in Catalonia**, with more than **1,500 employees** and with an industrial and technological presence for all activities related to railway mobility.

- Signalling, safety and control systems for urban and intercity operations.

- Rolling stock design and manufacture.

- Maintenance services for public and private operators.

- Turnkey systems.

LEADING COMPANY

230+
suppliers



More than 230 suppliers in Catalonia

Local suppliers are key for the Group, and proof of this is the work carried out by Santa Perpètua's factory in **developing partnerships with Catalonian companies for all types of railway material**. In Catalonia, Alstom has more than 230 suppliers, many of them small and medium-sized companies, key to developing the Catalonian industrial fabric.

Working with the Alstom Group gives the possibility not only to supply locally but also to become a **global supplier for the entire Group**.

In this way, we promote the internationalisation and modernisation of many Catalonian SMEs.

Many **Catalonian suppliers** who started their relationship with Alstom through Santa Perpètua's factory have become **Alstom's providers worldwide** over the years.

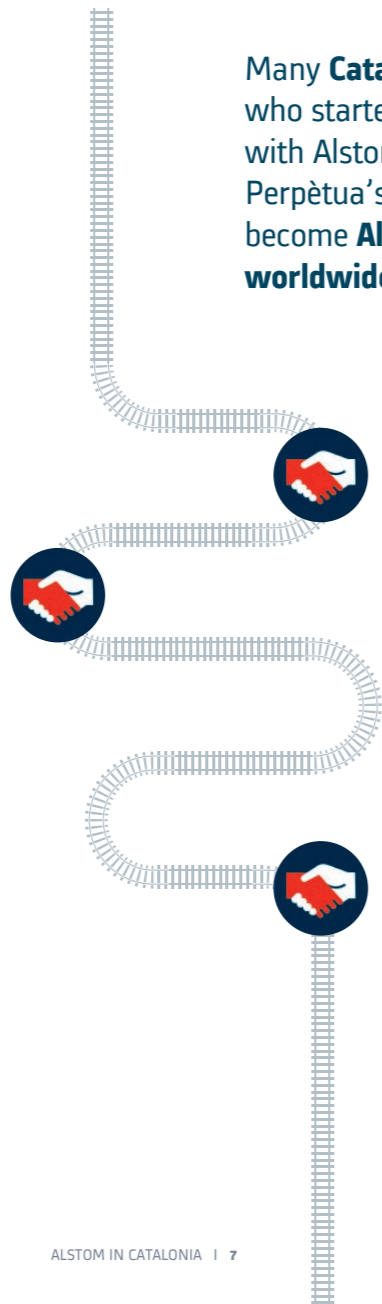
This has been the case, among others, with **Rolen Technologies** or **Barat Alte**, which invoiced more than 50 million euros to the Alstom Group between them in the last year.

Other successful collaboration cases with Catalonian suppliers are those of **Margon**, **CM4 Enginyeria**, **Refisa**, **Kuadrotrek**, **Massats** and **Electrosistemas Bach (Electrans)**, which are significant for Alstom's business units.



SUCCESS CASE

Margon started working for Alstom supplying hatches for Renfe's high-speed trains (104, 114 series) and currently collaborates with the Group globally, with projects in the United States, Italy and France.



Catalonia is among the TOP 7 sourcing destinations of the Group worldwide.

In the last year (financial year 23/24), Alstom companies from 23 different countries have purchased more than 212 million euros from Catalan suppliers.



212+
million euros

COUNTRIES OF ORIGIN OF THE PURCHASES MADE BY THE ALSTOM GROUP FROM CATALONIAN SUPPLIERS

France	33%	70
Spain	32%	69
Poland	15%	32
Belgium	5%	11
UK	4%	8
Italy	3%	7
Canada	2%	5

Figures in million euros

Industrial drive

The transition towards more sustainable mobility is an **opportunity to boost industry, generate employment and stimulate economic activity**.

In this context, **large leading companies such as Alstom are key in their ability to boost local small and medium-sized companies**, helping them to internationalise and integrate the systems, regulations and processes needed to access and grow in global markets.

Value chain

We have a consolidated value chain and an industrial base in Catalonia that allows us to respond to our customers' sustainable and smart mobility needs, generating wealth, economic development, innovation and quality employment in Catalonia.

Our local suppliers can also **export the know-how acquired during this process worldwide**, strengthening the local industrial footprint.



RECOGNITION

The metallurgical company **Power Drive Ibérica**, located in Granollers, has been chosen as the best supplier of the Group's service unit in Spain, in recognition of its operational excellence, on-time delivery and low non-conformity rate.

COMMITMENT TO QUALITY EMPLOYMENT

1,500+

employees

2022 & 2023

500+
new
employees

Alstom continues with its **growth and expansion plan** in Catalonia, which includes incorporating new profiles and professionals, both recent graduates and experienced professionals, into its different sites. Between 2022 and 2023, Alstom made **over 500 new hires in Catalonia**.

We offer a working environment where **well-being**, job **security**, **diversity**, and **equal opportunities** are a reality. We have an Equality Plan and a multicultural and diverse workforce that recognises and promotes each employee's talent.



25,4% women in management positions



39 different nationalities

Commitment to lifelong learning

with **more than 22 hours of training per employee per year**. We use **cutting-edge technologies** such as virtual reality to train welders and industrial painters. Alstom University has a portfolio of **more than 500 courses available to all Alstom employees**.

Collaboration

We work with Catalan institutes and **vocational training schools** to promote technical vocations in all areas. With the UPC, we collaborate in specialised training in the field of engineering. We have also signed an agreement with the Departmanet d'Empresa i Treball de la Generalitat to promote industrialisation and employment.



Our vocation to be an employer of reference has led us to achieve the Top Employer certification for the 9th consecutive year. Alstom Spain is the **only company in the sector to obtain the triple certification (Spain, Europe, and Global)**, which places us as one of the best companies to work for in Spain.



Transport materials
15%
 of the total exports of Catalonia

Exports

Exports from Santa Perpètua represent approximately 15% of total exports of Transport Materials from Catalonia*.

Export average
150
 million euros
 per year for the last three years



Order backlog
800
 million euros
 in export projects

- Projects currently under development in Santa Perpètua's site

SPECIFIC PROJECTS FOR CATALONIA

- Barcelona Metro L1 and L3.
- Airport shuttle trains for Ferrocarrils de la Generalitat de Catalunya.
- Trams for ATM to connect the Diagonal tramway network.
- High-capacity suburban trains for Rodalies.

SANTA PERPÈTUA

Leader in designing and manufacturing sustainable mobility projects for the whole world.

INDUSTRIAL SITE

360,000 m²
 of surface

An industrial site in the process of **expansion and digitalisation.**



TRAMS + METROS + SUBURBAN + REGIONAL TRAINS

With a workforce of over a thousand employees it has the **capacity to produce, in an integrated manner** (from the design phase to final delivery to the customer), **all types of trains** for national and international projects.



1,000+
 employees



- TRAMS
- METROS
- COMMUTER AND REGIONAL TRAINS



* Includes rail, road, ships and aircraft, according to ICEX data (end 2021).

CONTINUOUS INVESTMENT

Santa Perpètua's industrial site is **developing an ambitious growth plan**, which includes the application of the latest digital and automation technologies **to design and build the trains of the future**, empowering **human capital** and developing **new production lines** with a strong focus on **sustainability**.

Transformation and digitalisation plan

Globally committed to the territory and the creation of employment, Alstom continues to promote the **leadership of Santa Perpètua's site** as one of the most **innovative, sustainable and competitive in the sector at the international level**.



20,000+ m²

150 million euros

6,854+ m²

40+ million euros

New 3PL strategy, as part of the transformation and digitalisation process, which includes the **construction of a new 20,000 m² logistics warehouse in La Llagosta**.

Investment accumulated in recent years, including the **acquisition of the land** on which the plant is located, as well as the **expansion and digitalisation plan** currently underway.

Additional industrial area built and equipped in the last year. It includes new welding workshops, a new tramway hall, new finishing lines and an extension of the testing area.

Annual investment in the centre, for the ordinary maintenance of the activity, with contracts with Catalan suppliers of maintenance, logistics, tools and machinery, among others.

PLAN FOR GROWTH AND INVESTMENT IN THE INDUSTRIAL SITE

1

New investments.

New welding lines, robots, paint booths, halls and dynamic test lanes to increase production capacity.

2

Digitalisation and automation.

The implementation of digital systems is already a reality in Santa Perpètua. Incorporating cobots and automated systems in specific processes also makes it possible to increase industrial capacities.

3

Construction of a new maintenance workshop

on the site of the plant to service the FGC shuttle fleet. It will be the first private passenger train maintenance workshop in Catalonia.

4

Consolidation of a railway and mobility hub in Catalonia.

Santa Perpètua's site has been a benchmark for tractor companies for over 25 years, driving the growth and strengthening of the Catalan industry and its internationalisation.

5

Expansion of collaboration with training centres

such as institutes, vocational training schools and universities to develop a programme of professional internships and specialised training, which will enable us to incorporate young talent into the plant with the new professional profiles required.

6

Commitment with sustainability.

The strategic objective of the factory is to develop mobility solutions with a **sustainable and responsible business model and production system**.

The reduction of energy consumption, the use of exclusively renewable energy, the development of products with eco-design criteria that analyse the entire life cycle, the use of sustainable materials, etc., are all part of this commitment.

It has ISO 14001 (environmental management) and ISO 50001 (energy efficiency) certifications.



INSTALLED BASE

IN CATALONIA



TRAMS

41 trams running on Barcelona's tramway networks (Trambaix and Trambesòs).

3 trams in the process of being supplied for the extension of Barcelona's network through the Diagonal connection.



METROS

58 metros (S9000) running on Metro Barcelona (TMB).

50 new S7000 and S8000 being supplied for Metro de Barcelona (TMB).

15 S2100 trains *.



HIGH SPEED

Renfe high-speed trains for international traffic Barcelona - Marseille (100 Series - manufactured by Alstom in Catalonia).

Trains from the new high-speed operator Ouigo on the Madrid - Barcelona routes.



Infrastructure

- Underground Power Supply System (APS) for the tramway connection along Diagonal (under construction).
- Design and construction of the turnkey tramway system for Trambaix and Trambesòs.

Rolling stock



COMMUTER AND REGIONAL TRAINS

22 commuter trains for FGC of the 112 series *.

24 commuter trains for FGC of the 113 - 114 series *.

42 commuter trains for FGC of the 213 series *.

15 Propulsion systems installed on 15 trains of the S115 for FGC.

109 Civia trains for Rodalies Renfe.

49 high-capacity commuter trains for Rodalies Renfe, in the manufacturing process.

10 commuter shuttle trains for FGC (in the manufacturing process), for the connection with El Prat airport.

Presence in the 446, 447 series trains of Rodalies Renfe.

* in consortium with Cosntrucción y Auxiliar de Ferrocarriles (CAF).



Maintenance

- Performance of maintenance tasks, from comprehensive maintenance to technical support, in the main maintenance workshops in Mataró, Moncada (Irvia), Vilanova, Can Tunis (130 series and TRAXX locomotives), Sant Joan Despí - Sant Adrià Besòs (TRAM), ZAL - Can Zam - Triangle - Sant Genis - Santa Eulàlia (TMB).
- Spare parts and repair contracts for FGC, TMB and Renfe Rodalies.



Track signalling

- Sants interlockings.
- Can Tunis interlock.
- Port Aventura suburban ERMTS system.
- ERTMS on the Bifurcación Mollet - Can Tunis section.
- TMB Sant Genis depot interlocking.
- Signalling system for TMB lines 1 and 3.

CORPORATE SOCIAL RESPONSIBILITY



Enabling decarbonisation of mobility

- Develop **energy-efficient and eco-designed solutions** leveraging digital technologies.
- Lead **innovation for the energy transition** in rail and beyond.
- Use **renewable energy** in our factories to decrease carbon footprint.



Acting as a responsible business partner

- Deploy **sustainable sourcing** as the cornerstone of our value chain.
- Achieve the highest standards of **integrity**.



Caring for our people

- Position **Health & Safety** as the utmost priority for all, targeting zero severe accidents.
- Cultivate **inclusion** as a key Alstom value focusing on gender and cultural diversity.



Creating a positive impact on society

- Support **local socio-economic development** where we are present.
- Develop **corporate citizenship** through community investment and Alstom Foundation projects.

Alstom

Ctra. B-140 de Santa Perpètua a Mollet - km 7,5.
08130 Santa Perpètua de Mogoda.
Barcelona.

www.alstom.com

ALSTOM
• mobility by nature •