



Aranjuez factory



Key facts about Ercros 2024

1989
Foundation

1,335
Workforce

10
Factories

700 M€
Income

29 M€
Ebitda

55,5%
Export
(>100
countries)

Production centres

Chlorine derivatives

Intermediate chemicals

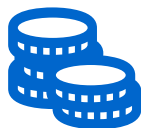
Pharmaceuticals



Key facts about Aranjuez 2024



Staff: 230 people



Sale: 60,653 EUR



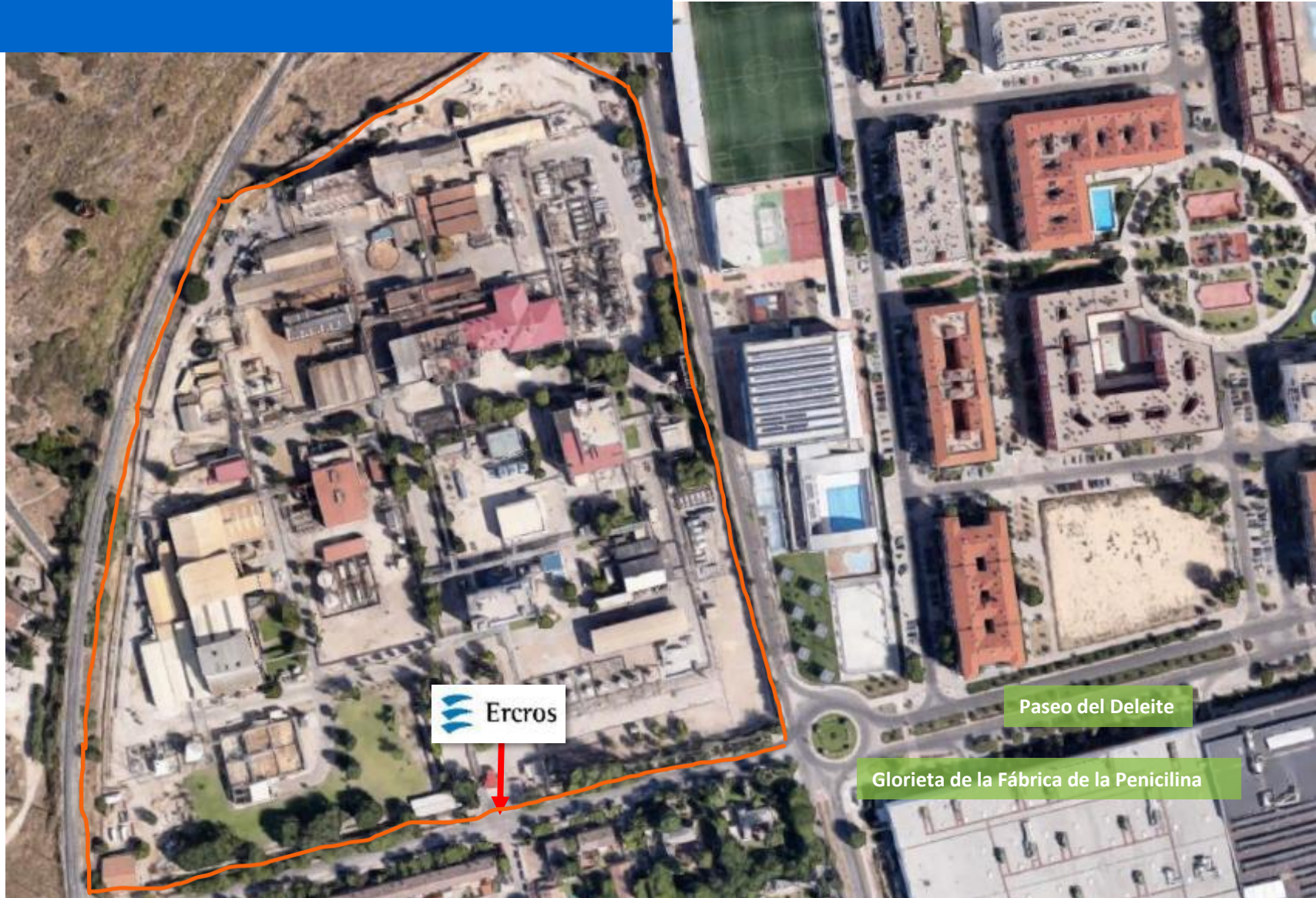
Founded: 1949



Export: 95%

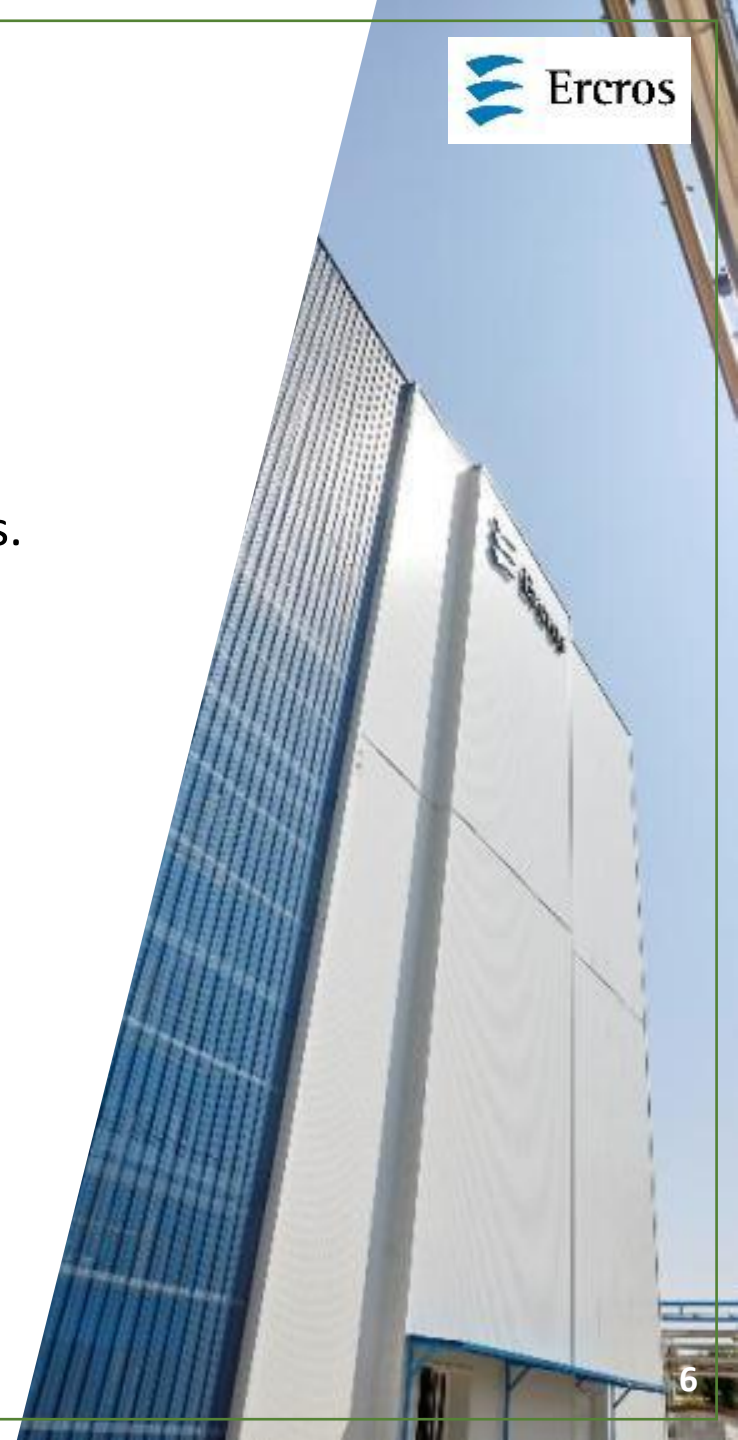


Location



Business model

- The activity of the Aranjuez factory is focused on the production of raw materials and APIs (Active Pharmaceutical Ingredients), mainly antibiotics.
- The factory also specializes in the production of active ingredients and intermediates for third parties, custom-designed for customers.

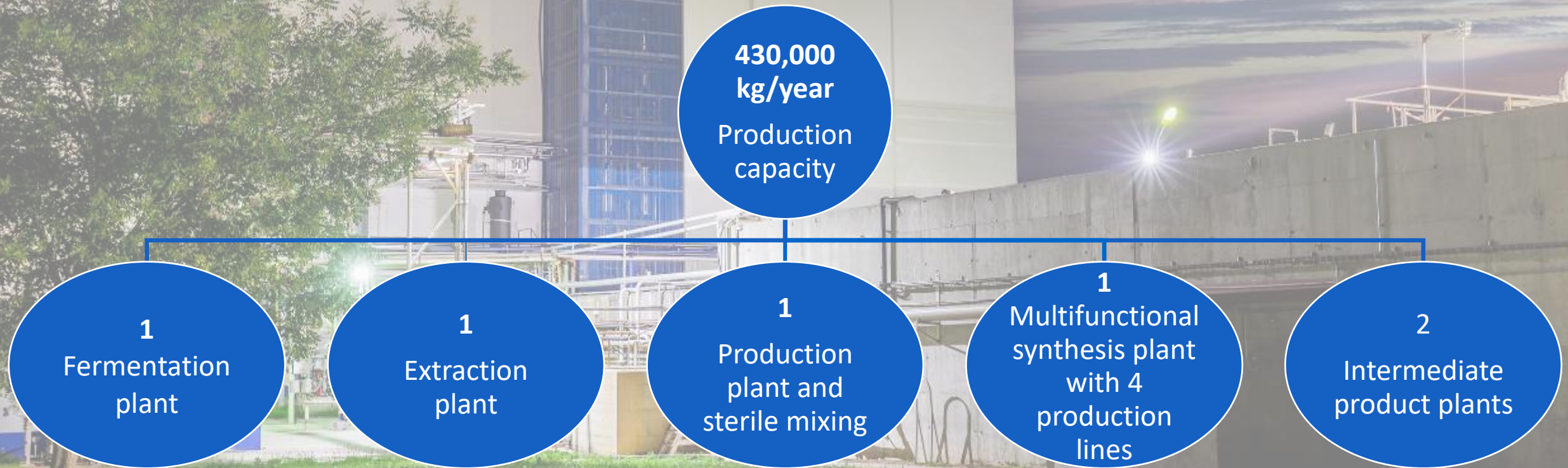


Products & applications

Products	Applications
Fosfomicin and salts	Urinary tract infections
Erythromycin and salts	Respiratory infections
Azithromycin	Respiratory infections
Clarithromycin	Respiratory infections
Fusidic acid	Skin infections
Famotidine	Antiulcerative
Vancomycin	Hospital infections
Gentamycin	Hospital infections
Custom production*	-

*On request of the client.

Production and facilities



Organic production process

Raw materials

Sugar

Oil

Vegetable
proteins

Mineral
salts

Oxygen

Fermentation



Extraction



Final products

Fusidic
raw

Erythromycin
base

Production for third
parties

Derivatives

- Fusidic acid
- Sodium fusidate
- Diethanolamine fusidate
- Sterile fusidic acid

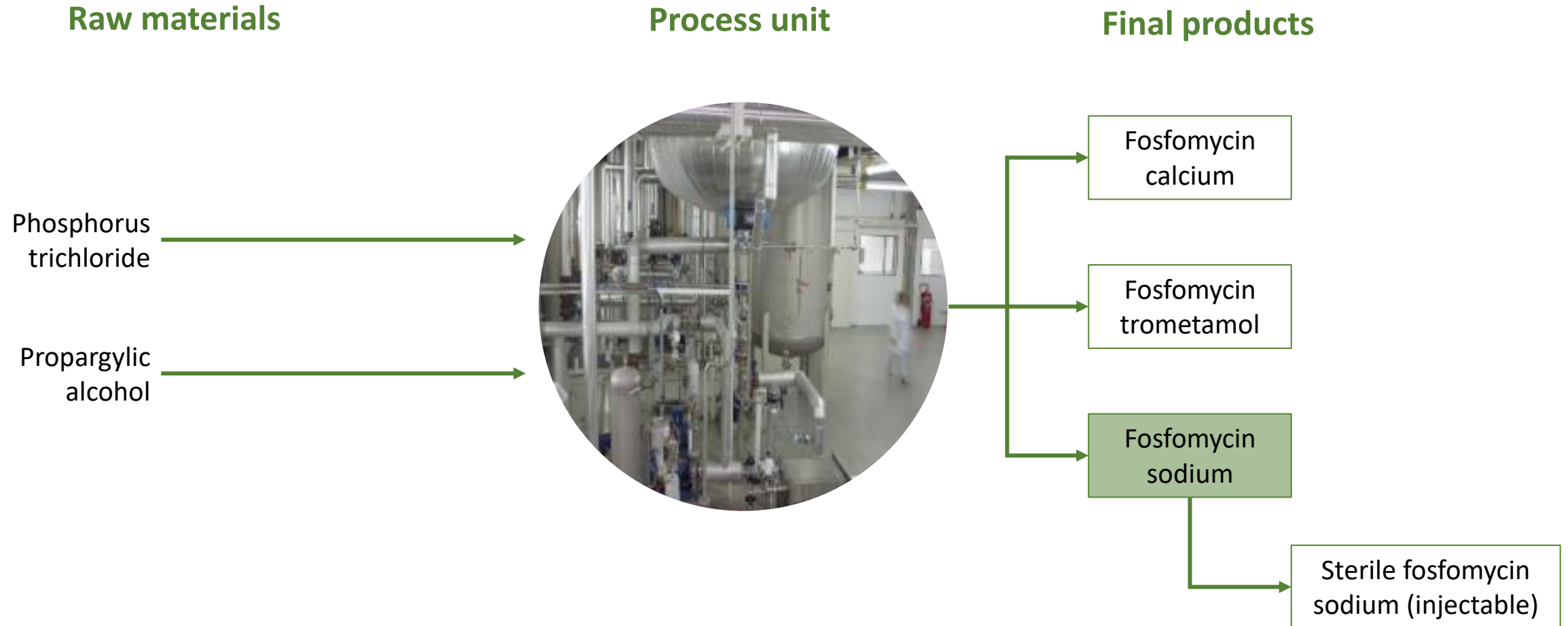
Salts

- Ethylsuccinate
- Stearate
- Stole
- Propionate

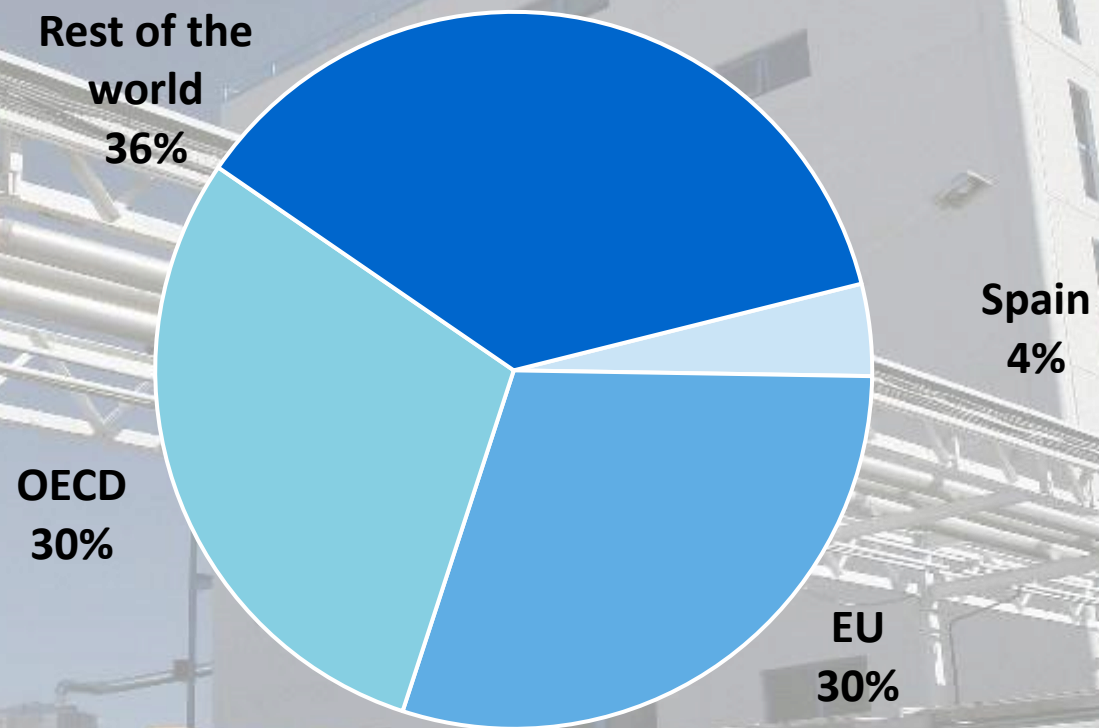
Derivatives

- Azithromycin
- Clarithromycin

Production process by chemical synthesis



Markets 2024



Erythromycin

Applications

- Erythromycin is a broad-spectrum bacterial antibiotic.
- Especially indicated in respiratory and skin conditions.

Varieties

- Salts: ethylsuccinate, stolate, stearate, propionate and thiocyanate.
- Derivatives: azithromycin and clarithromycin.

Markets

- More than 70% of sales are exported, mainly in the EU, Australia, Japan and the Middle East.



Azithromycin

Applications

- Antibiotic active against a wide group of pathogenic bacteria.
- Mainly indicated in the treatment of respiratory and dermatological infections.
- Its main advantage lies in its dosage (a single daily dose and for a few days), which makes it easier for the patient to comply with the prescription.

Markets

- MENA
- Asia
- UE



Clarithromycin

Applications


- Antibiotic indicated for the treatment of skin and respiratory tract infections, such as pharyngitis, tonsillitis, sinusitis, chronic bronchitis or bacterial pneumonia, among others.
- One of its most common uses is the treatment of gastric ulcers caused by *Helicobacter pylori*.

Markets

- MENA
- Asia
- UE



Fosfomycin

	<h3>Applications</h3> <ul style="list-style-type: none">■ Fosfomycin is a broad-spectrum antibiotic■ It is used specifically to fight hospital-acquired and urinary tract and genital infections.
<h3>Markets</h3> <ul style="list-style-type: none">■ Around 90% of the production is exported, mainly to EU countries, Japan and Mexico.	<h3>Varieties</h3> <ul style="list-style-type: none">■ Sodium■ Calcium■ Trometamol

Fusidic acid and salts

Applications

- Fusidic acid is an antibiotic for the treatment of severe dermatological and eye infections.
- Sodium fusidate is a salt derived from fusidic acid, with the same pharmacological properties, but whose own characteristics allow its application in different presentations, such as tablets and ointments.
- Diaethanolamine fusidate is used in veterinary medicine.

Varieties

- Fusidic acid
- Sodium fusidate
- Diethanolamine fusidate
- Sterile fusidic acid



Mercados

- MENA
- Asia
- UE

Famotidine

Applications

- Powerful anti-ulcer.
- Indicated for the treatment of gastrointestinal ulcers and other digestive disorders.
- It is also given to surgical patients before the operation to prevent nausea and reduce the risk of aspiration pneumonia.



Markets

- 100% of famotidine is destined for export.
- Consolidated product in the North American market, with high added value.

Vancomycin y gentamycin

Vancomycin chlorhydride

- An effective antibiotic in the treatment of infections caused by resistant gram-positive bacteria.
- Effective on severe infections caused by staphylococci.
- Indicated for the treatment of meningitis, peritonitis, septicemia, colitis, etc.

Gentamycin sulfate

- An effective antibiotic against many gram-negative bacteria and some strains of staphylococci.
- Effective for the treatment of serious diseases (lung, skin, stomach, blood, eyes or meningitis).
- Applications in human and veterinary medicine.

Amlodipine besylate

Applications

- Calcium channel blocker, which acts as an antihypertensive and antianginal agent.



Markets

- Product almost entirely intended for export.

Production capacity

- Adapted to customer demand.

The 3D Plan in Aranjuez

- The 3D Plan is the strategic plan launched by Ercros, which pursues its transformation into a sustainable company and is based on three dimensions: diversification, digitalisation and decarbonisation or the fight against climate change.
- Main actions included in the Aranjuez factory:
 - New extraction plant to manufacture vancomycin and gentamycin.
 - Modernization of control systems, improvements in process automation and a new recipe manufacturing model.
 - Modernization of the network and the document manager.
 - Reduction of solvent consumption.
 - Optimization of the system for collecting and using waste heat from the factory's production processes.
 - Improvement of lighting systems.



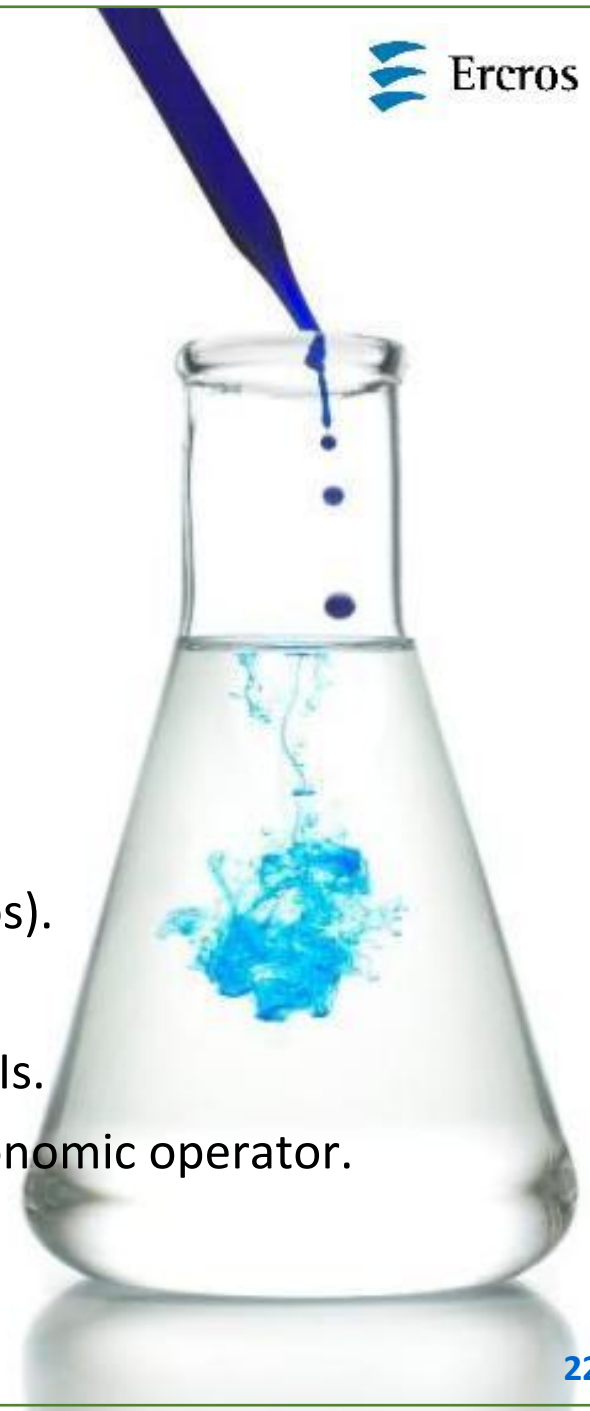
R+D

- The pharmaceuticals division has its own R+D center located in the Aranjuez factory.
- The division's main R+D projects are:
 - New active pharmaceutical ingredients through fermentation.
 - Expansion of the catalogue of products offered in sterile quality.
 - Improvement of current processes and implementation of new technologies.



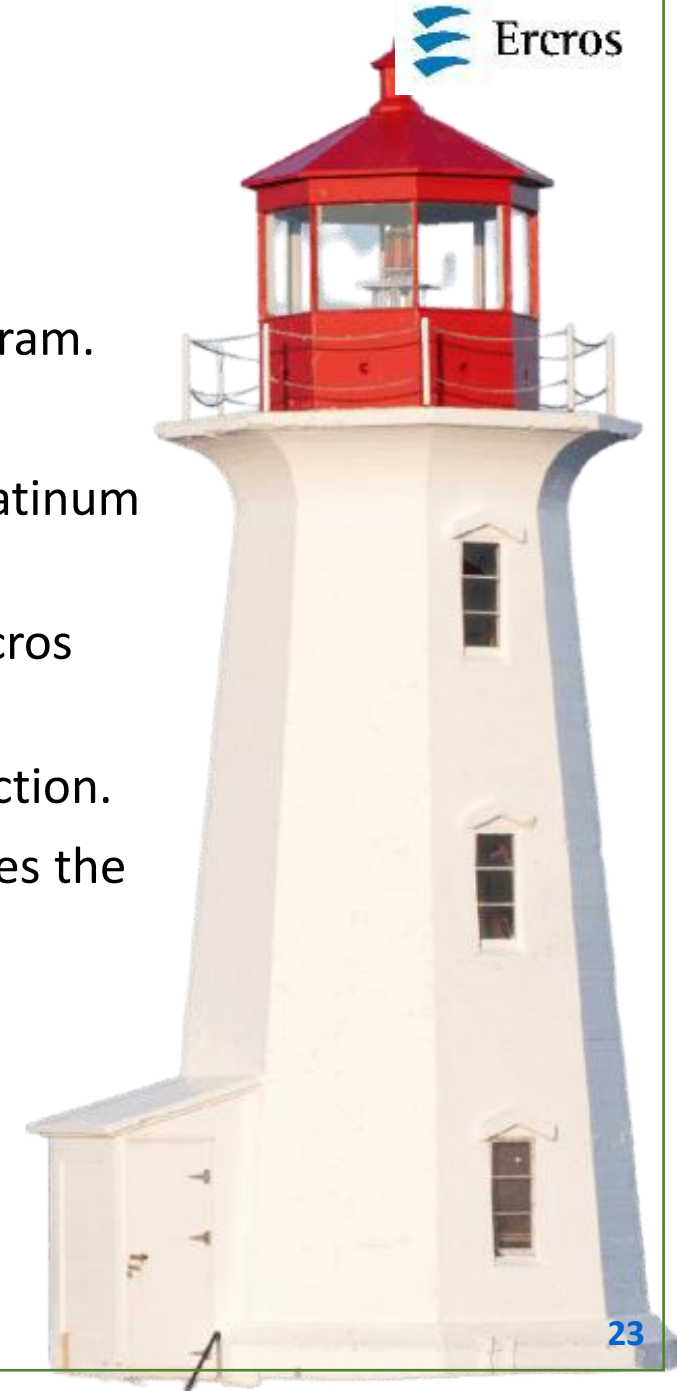
Accreditations

- **ISO 14001:** Reference standard for the environmental management system.
- **ISO 14064:** Standard for the verification of CO₂ emissions.
- **ISO 50001:** Reference standard for the energy management system.
- **ISO 45001:** Standard that accredits health and safety management.
- **ISO 9001:** Standard that certifies quality.
- **UNE 19601:** Accreditation of the criminal compliance management system.
- **ISO 27001:** Standard that certifies the data protection system.
- **Sigos:** Standard that accredits a healthy organization management system (Sigos).
- **FDA:** Seal of the US administration that certifies pharmacy products (API).
- **GMP and GDP:** International approval for the production and distribution of APIs.
- **AEO:** Certificate from the State Tax Administration Agency as an authorized economic operator.



Governance and CSR

- **CSR Company:** Certification of CSR, as a company of the Responsible Care program.
- **IBGC:** Certificate of compliance with the good corporate governance index.
- **EcoVadis:** CSR rating agency. Ercros has obtained 87/100 points and is in the Platinum category and in the top 1% of companies.
- **Responsible care:** Good practice program promoted by the chemical sector. Ercros has obtained 85/100 points in the self-assessment questionnaire.
- **Global Compact:** Program promoted by the UN that contains 10 principles of action.
- **ASG Lighthouse rating:** Promoted by the Spanish Institute of Analysts, it assesses the level of compliance with ESG criteria. Ercros has obtained 86/100 points.



Sustainable Development Goals (SDGs)

In the development of its activity, Ercros contributes to the fulfilment of the 17 SDGs set out in the UN 2030 Agenda, although it has a special impact on:

- **ODS 3:** Health and well-being.
- **ODS 6:** Clean water and sanitation.
- **ODS 7:** Affordable and non-polluting energy.
- **ODS 8:** Decent work and economic growth.
- **ODS 9:** Industry, innovation and infrastructures.
- **ODS 12:** Responsible production and consumption.
- **ODS 13:** Climate action.



Partnerships and participations



For more information

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