



Almussafes factory

Key facts about Ercros 2024

1989
Foundation

1.335
Staff

10
Factories

700 M€
Revenue

29 M€
Ebitda

55,5%
Export
(>100 countries)

Production sites

Chlorine derivatives

Intermediate chemicals

Pharmaceuticals



Key facts 2024



Staff: 115 people



Sales: 22 M€



Markets: Worldwide



Export: 92%



History of the factory

Initiates the production of formaldehyde and resin

1969

Initiates the production of paraformaldehyde through a proprietary process

1977

The Almussafes factory joins the Derivados Forestales group

2003

Ercros acquires Derivados Forestales and integrates the Almussafes factory into the intermediate chemicals division

2006

Initiates the production of ErcrosGreen+ resins, developed in the R&D department

2019

Location

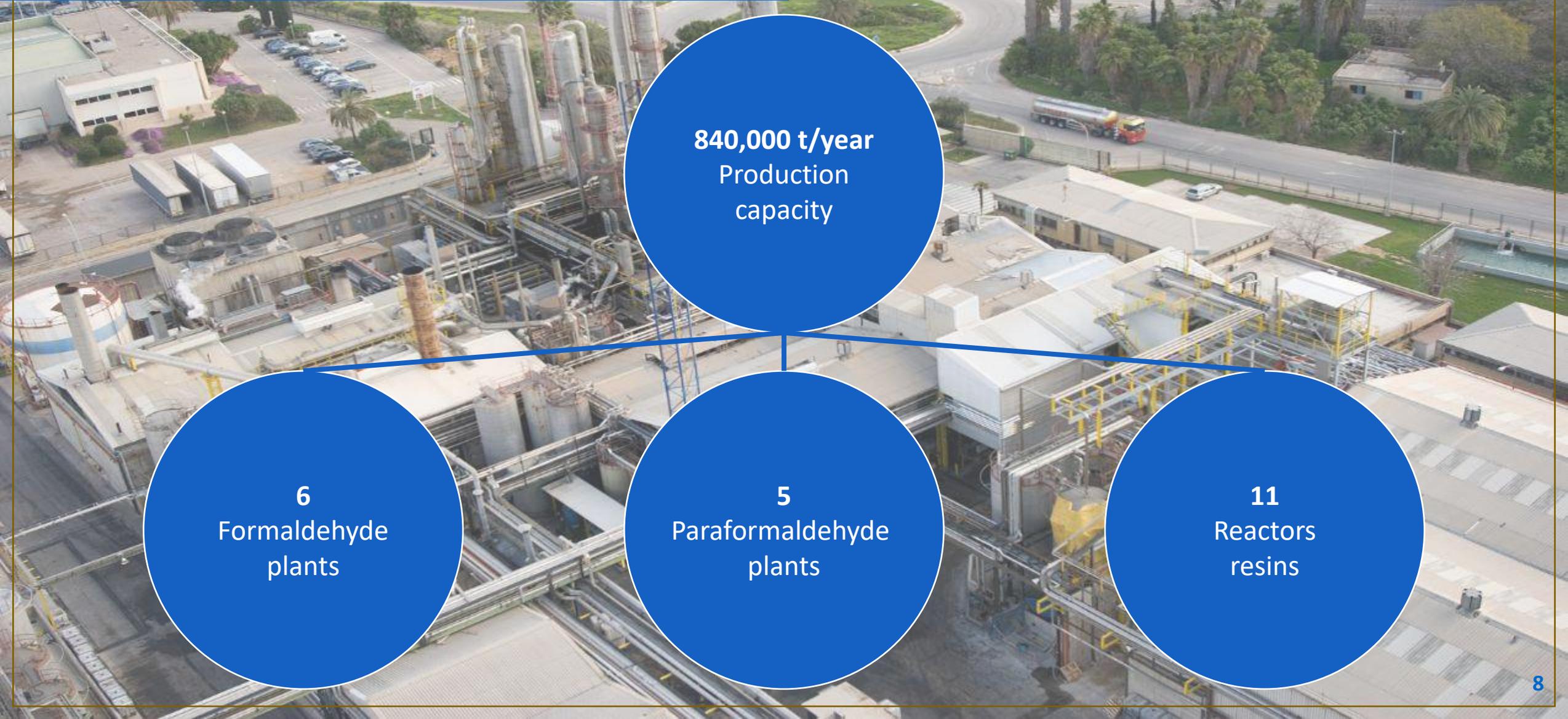


Business model

- Formaldehyde is the central product of the Almussafes factory and methanol, the main raw material.
- 80% of the formaldehyde produced is used to manufacture derivatives, both liquids such as resins, and solids, such as paraformaldehyde.
- Solid products represent around 65% of the division's turnover and its market is worldwide, with 90% exports.
- Liquid products, due to their water content and therefore higher transport costs, have a market limited to a radius of between 800 and 1,000 km from the production site.



Production and facilities



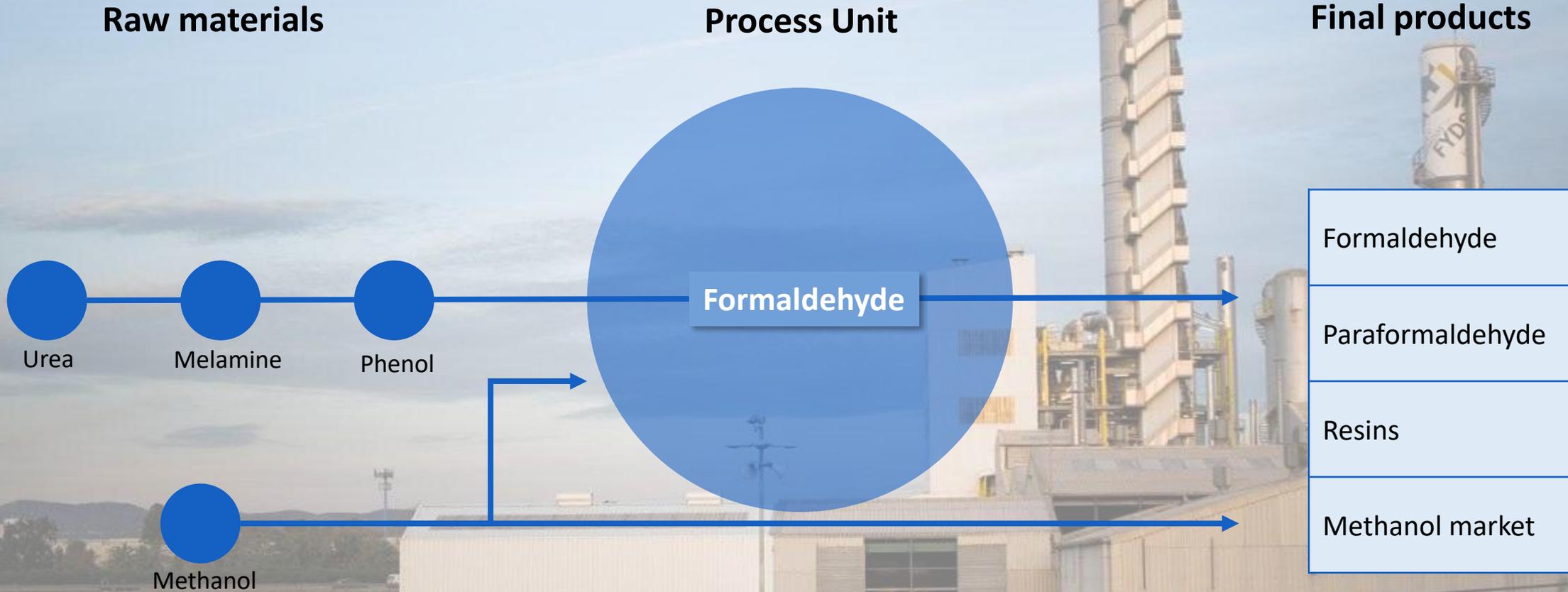
840,000 t/year
Production
capacity

6
Formaldehyde
plants

5
Paraformaldehyde
plants

11
Reactors
resins

Production process



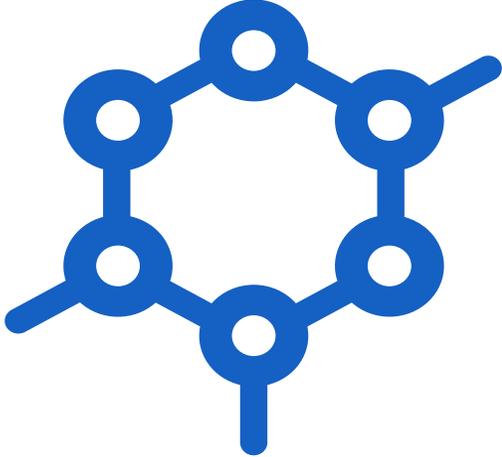
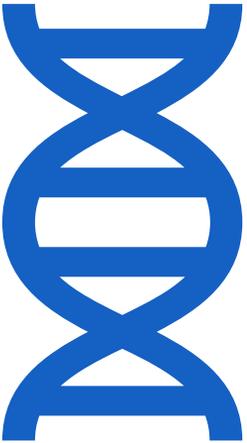
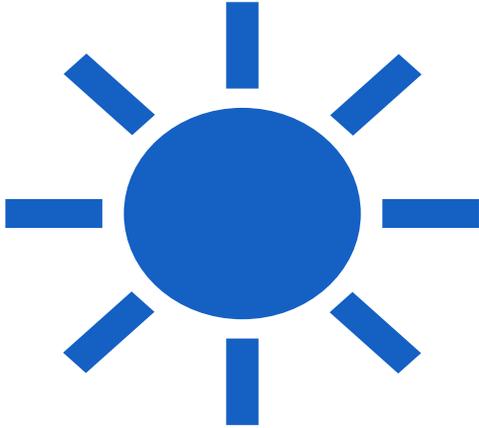
Products, applications & market share

Products	Applications
Formaldehyde	Derivatives manufacturing
Paraformaldehyde	Resins & petrochemicals
Melamine resins	Low-pressure laminates
Urea resins	Wood industry
Phenolic resins	High-pressure laminates

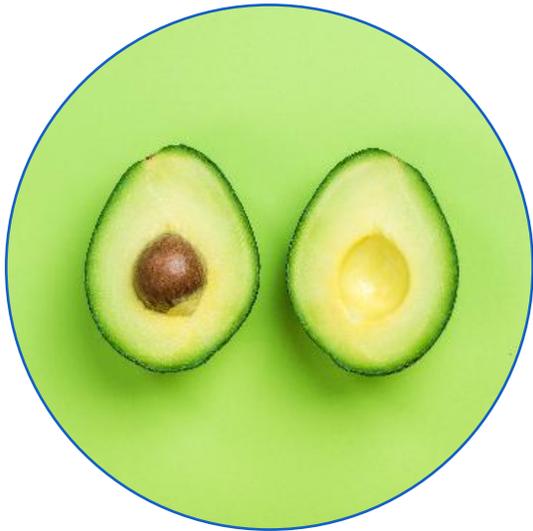
	Ranking by market share		
	Spain	Europe	World
Formaldehyde	1st	5th	-
Paraformaldehyde	1st	1st	1st
Resins	2nd	7th	-

The data provided come from calculations made by Ercros.

Formaldehyde (CH₂O)

<p>It is an organic chemical compound that occurs naturally in the environment.</p>		<p>It can also be manufactured for use on an industrial scale.</p> <p>It is extremely versatile.</p>	
	<p>It disappears due to the effect of the sun and bacteria in a few hours, and is quickly broken down during the human metabolic process.</p>		<p>It is essential in the development of DNA proteins and is found in the blood of humans and other mammals.</p>

Formaldehyde, present in our environment



In foods, such as fruits, meats, and vegetables (sometimes in large doses).



In the natural decomposition of methane (from cattle farms).



In other volatile compounds produced by human activity (cars, kitchens, heating).

Paraformaldehyde and resins

Paraformaldehyde

Characteristics

With a richness between 89% and 98%, it allows formaldehyde to be used in its solid state.



Applications

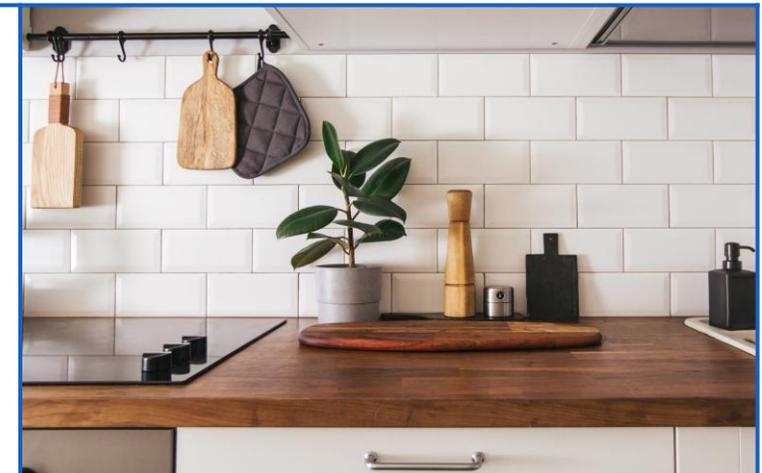
Urea and phenolic resins, melamine, resins for coatings, paints, ink manufacturing, polyurethanes, additives for the petrochemical industry and herbicides.

Resins



Applications

Manufacture of chipboard and plywood, impregnation of decorative paper for laminates, fiberglass and manufacture of moulding compounds.



R&D

The R&D department of the intermediate chemicals division is located in the Tortosa factory.

 ErcrosGreen+

- Very low emission level, similar to that of natural wood.
- Designed to meet the most demanding standards of the construction sector in the EU, US and Japan.
- More than 20 varieties of resins (urea, melamine, phenolics).
- Variety of applications in boards (chipboard, MDF and plywood), laminates and fiber impregnation.

 ErcrosTech

- Technical polymers with various applications.
- Maximum flexibility for decorative laminates in wood (extreme bend radii).
- Coatings applications:
 - Feed cans
 - Metal coils
 - Steel plates
 - Synthetic fibers

Certifications

- **ISO 45001:** Prevention management system.
- **SIGOS:** Healthy organization management system.
- **ISO 9001:** Quality management system.
- **ISO 50001:** Energy management system.
- **ISO 14001:** Environmental management system.
- **ISO 14064:** Verification of greenhouse gas (GHG) emissions.
- **UNE 19601:** Criminal compliance management system accreditation.
- **ISO 27001:** Standard certifying the data protection system.
- **CSR Company:** Certification of CSR, as a company of the Responsible Care program.
- **IBGC:** Certificate of compliance with the good corporate governance index.



Governance and ESG

- **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:** A program of good practices, at a global level, 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 ten principles of action.
- **ESG 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.



Associations



For more information

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