Ercros

Almussafes factory

Key facts. Fiscal year 2023

1989
Foundation

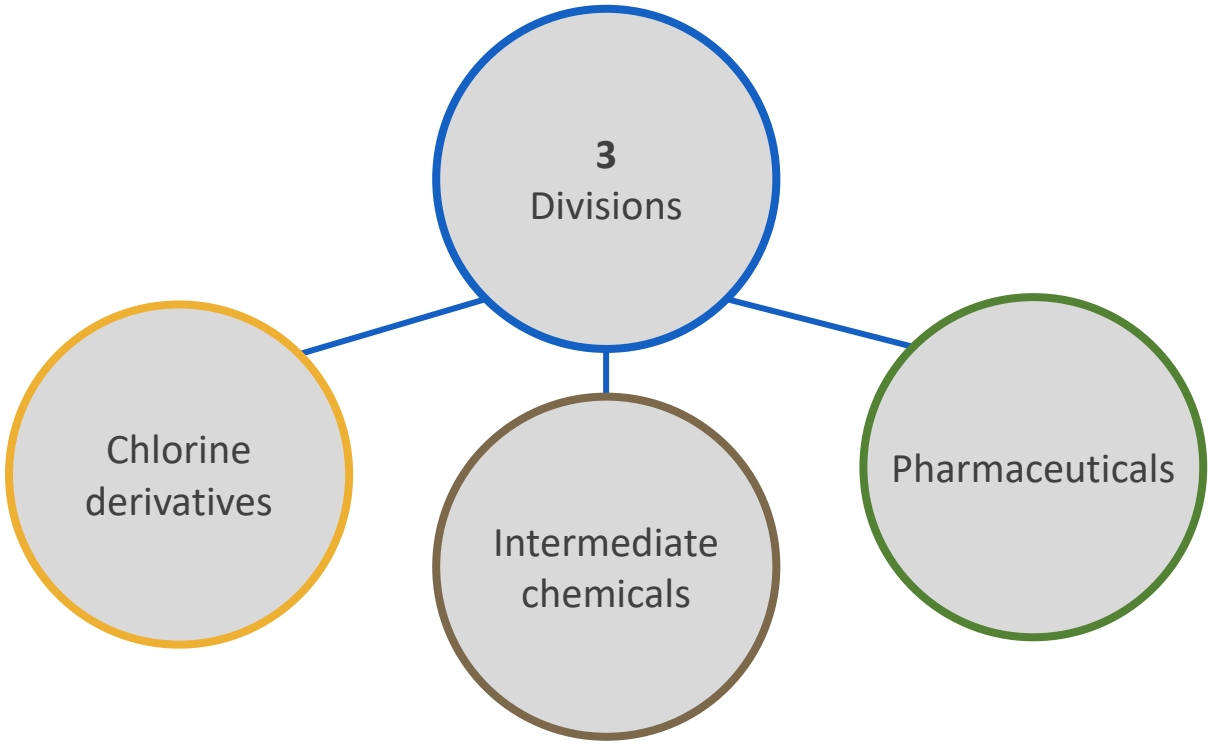
1,334
Workforce

10
Factories

707 M€
Sales

52%
Export
(>90
countries)

48 M€
Adjusted
ebitda



Factories

Chlorine derivatives

Intermediate chemicals

Pharmaceuticals

Key data from the Almussafes factory. Year 2023

- In 1969, the production of formaldehyde and resins began.
- In 1977 the factory began to produce paraformaldehyde with its own patented technology.

113
Workforce

103 M€
Sales

59 %
Exports

All the world
Markets

The north industrial estate of Almussafes

Business model

- Formaldehyde is the core product of the Almussafes factory and methanol its main raw material.
- 80% of the formaldehyde produced is used for the manufacture of derivatives, both liquids such as resins, and solids, such as paraformaldehyde.
- Solid products account for around 65% of the division's turnover and have a world-wide market, with an export of 90%.
- 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 centre.

Production and facilities

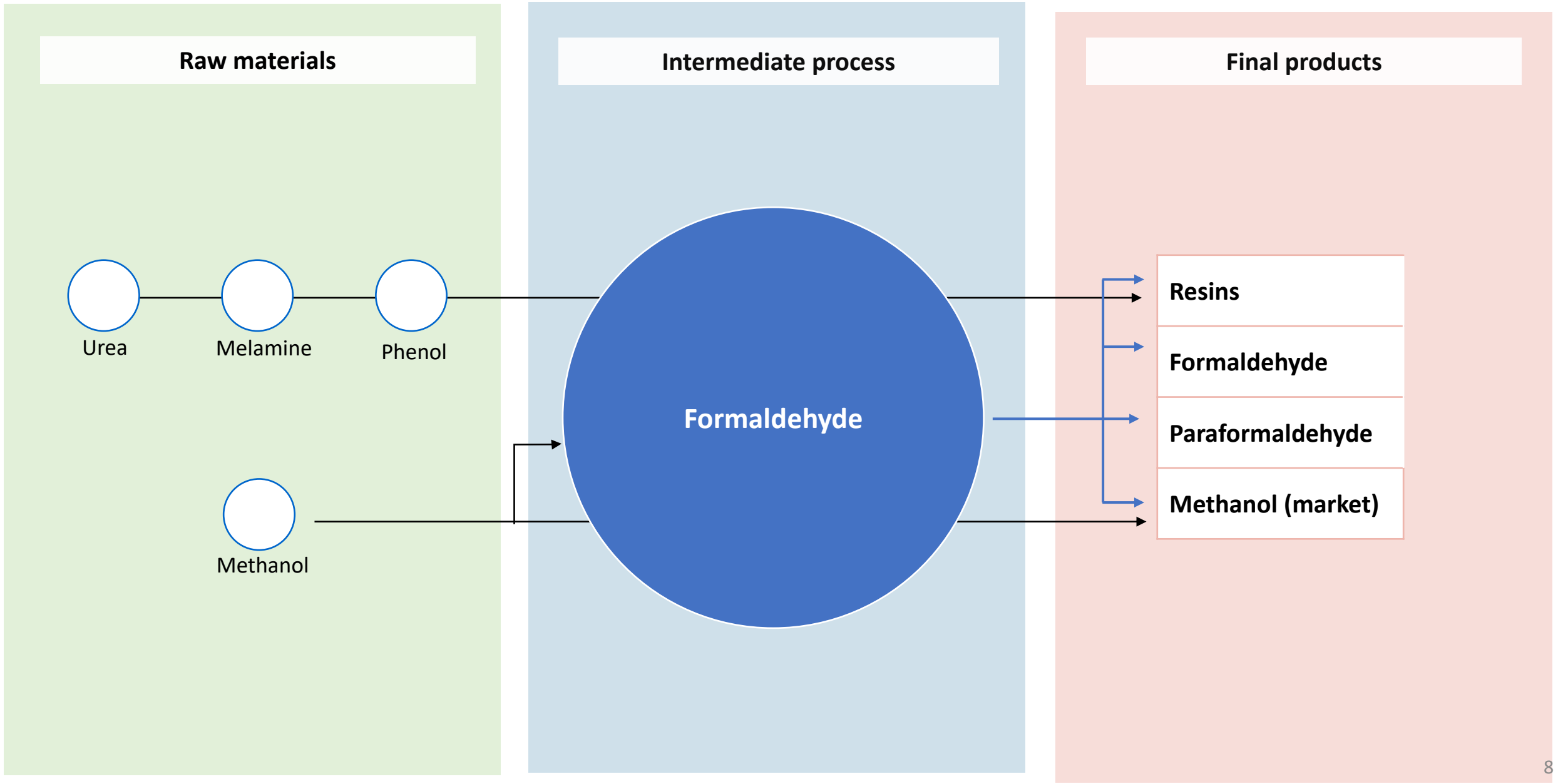
840,000 t/year
Production capacity

6
Formaldehyde plants

5
Paraformaldehyde plants

11
Resins reactors

Scheme of the production process in Almussafes



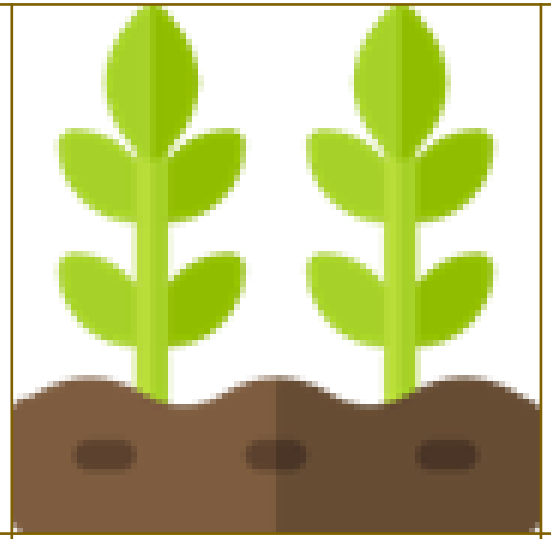
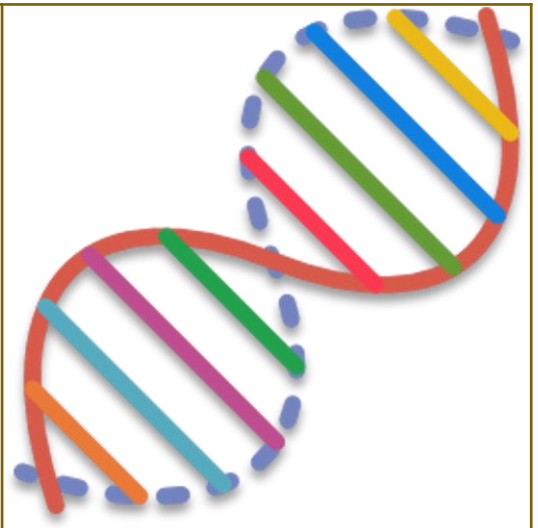
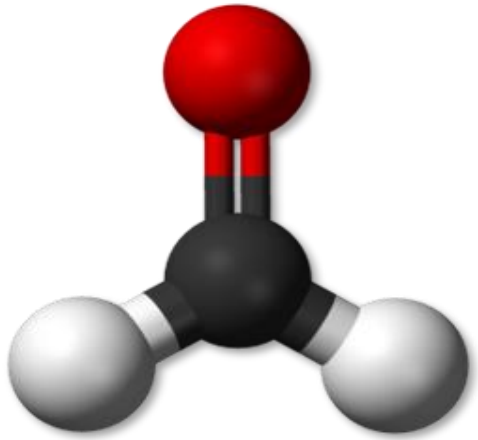
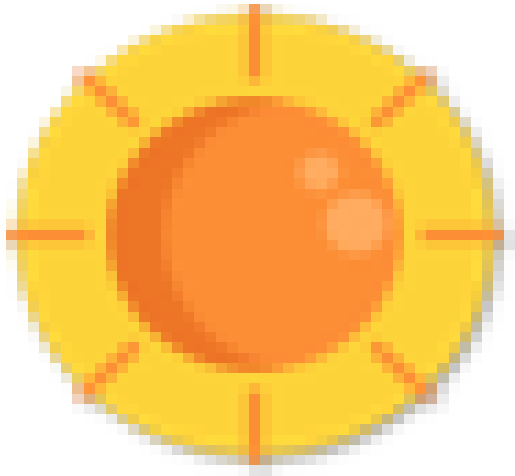
Products, applications and market share

Products	Applications
Formaldehyde	Manufacture of derivatives
Paraformaldehyde	Resins and petrochemicals
Melamine resins	Low pressure laminates
Urea resins	Wood Industry
Phenolic resins	High pressure laminates

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

The data provided comes from calculations made by Ercros.

Formaldehyde (CH_2O)

It is an organic chemical compound that occurs naturally in the environment.		It is also manufactured in industrial processes for use on an industrial scale. It is extremely versatile.	
	It disappears due to the sun and bacteria in a few hours and breaks down rapidly during the human metabolic process.		It is essential in the development of DNA proteins and is present in the blood of humans and other mammals.

Formaldehyde, present in our environment

- In foods, such as fruits, meats, and vegetables (sometimes in large doses).
- In the natural decomposition of methane (from farms and agricultural facilities).
- In other volatile organic compounds produced by human activity (cars, kitchens, heating systems).




Paraformaldehyde - (CH2O)n

Characteristics

- With richnesses between 89% and 98%, it allows the use of formaldehyde in a solid state.

Applications

- Urea and phenolic resins, melamine, resins for coatings, paints, manufacturing of inks, 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 in the Tortosa factory.

ErcrosGreen+

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

ErcrosTech

- Technical polymers with various applications.
- Maximum flexibility for decorative wood laminates (extreme bending radii).
- Applications in coatings of:
  - Food cans
  - Metal coils
  - Steel plates
  - Synthetic fibers

ESG Accreditations

- Prevention management system according to **ISO 45001**.
- Quality management system according to **ISO 9001**.
- Energy management system according to **ISO 50001**.
- Environmental management system according to **ISO 14001**.
- Verification of greenhouse gas (GHG) emissions according to **ISO 14064**.
- Verification of compliance with the Good Corporate Governance Index, **GCGI**.
- Healthy Organization Management System, **Sigos**.

Programs & ratings

- **Responsible Care:** A program of good practices in sustainability in the global chemical sector.
- **Global Compact**: A program promoted by the UN that contains 10 principles of action.
- **Carbon Disclosure Project (CDP):** An organization designed to assess the behavior of member companies in relation to the climate emergency.
- **EcoVadis:** International Sustainability Rating (score 85 in 2023).

Compliance with the sustainable development goals (SDGs)

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

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

Associations

POLÍGONO NORTE ALMUSSAFES

formacare

EPRA

QUIMACOVA
ASOC. EMPRESAS QUÍMICAS CV

AIDIMME
INSTITUTO TECNOLÓGICO
METALMECÁNICO, MUEBLE, MADERA, EMBALAJE Y AFINES

feiQue
Federación Empresarial de la Industria Química Española

Thank you very much

For more information
Ercros, S.A.
Almussafes factory
North industrial estate
C/ Venta de Ferrer, 1
46440 Almussafes (Valencia)
Tel.: (+34) 961 782 250
E-mail: almussafes@ercros.es
www.ercros.es