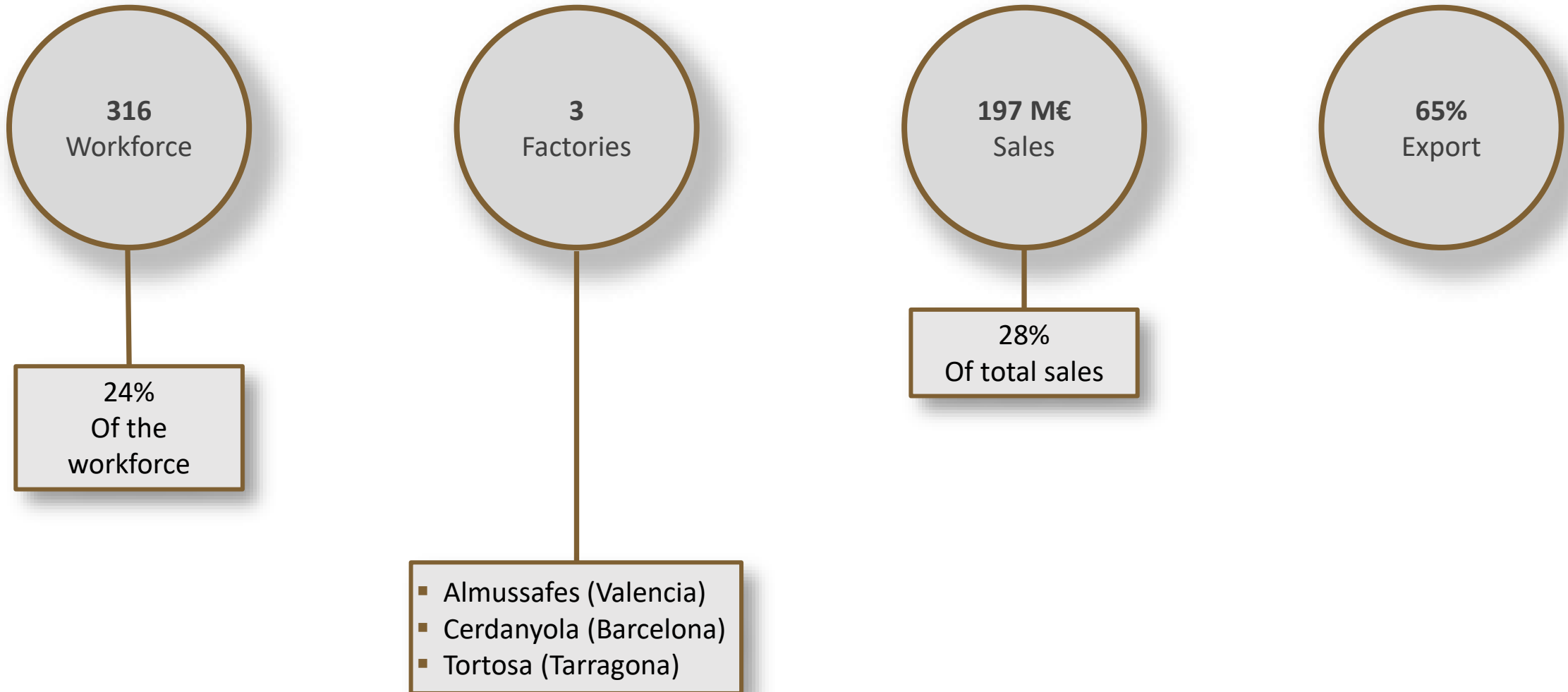




# Intermediate chemicals division

# Key data from the intermediate chemistry division. Fiscal year 2023



# Business model

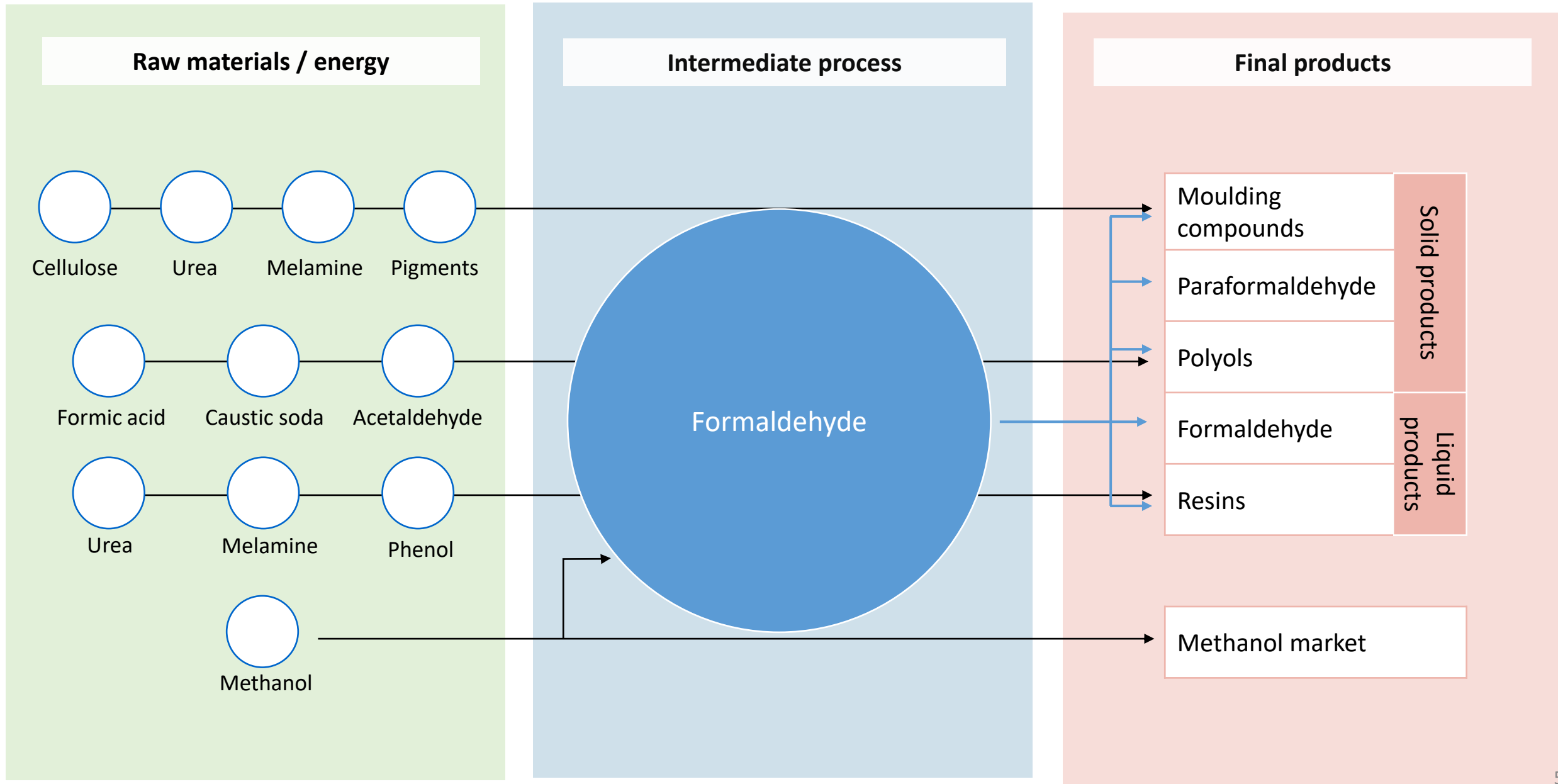
- Formaldehyde is the central product of the intermediate chemicals division and methanol its main raw material.
- 80% of the formaldehyde produced is used for the manufacture of derivatives, both liquid and solid.
- Solid products account for around 65% of the division's turnover and have a world-wide market, with an export of 90%.
- Liquid products, due to their water content and, therefore, higher transport costs, have a smaller market, limited to a radius of between 800 and 1,000 km from the production center.

# Strengths and challenges of the division

- The main strengths of the division are:
  - Know-how and proprietary technology in production processes.
  - Ability to develop products tailored to customer requirements.
- The main challenges are:
  - Continue to develop new resin ranges (ErcrosGreen+ and ErcrosTech).
  - Continue with the process of digitization of the entire value chain.
  - Maintain our commitment to the progressive decarbonisation of processes.
  - Continue to increase the quality and service standard of the products and diversify the current portfolio.

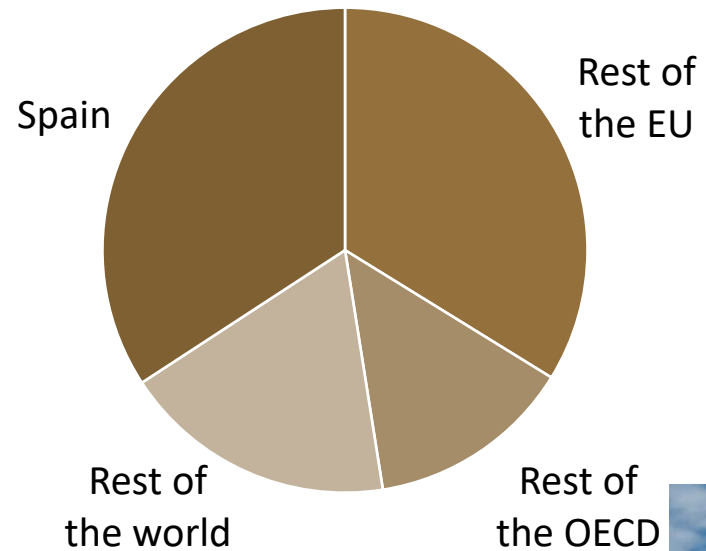


# Scheme of the formaldehyde production process

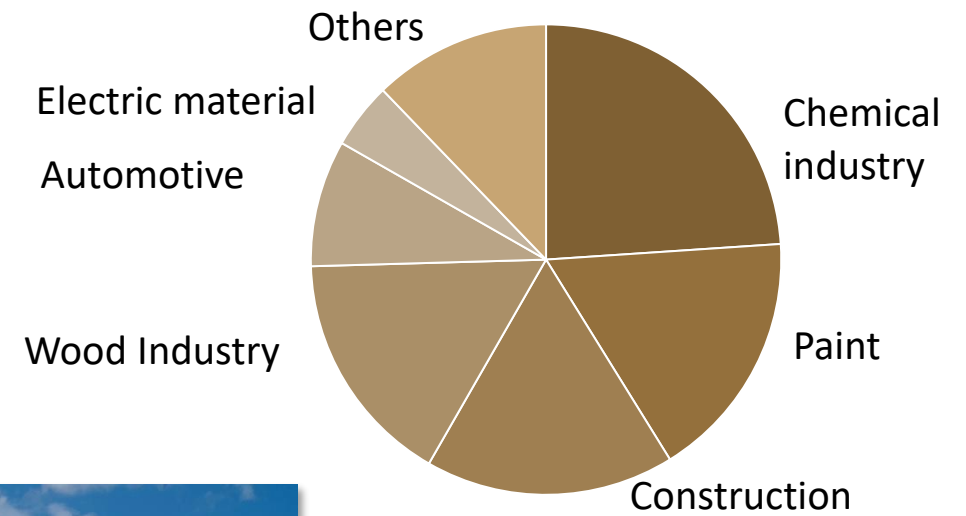


# Markets and sectors. Fiscal year 2023

## Where do we sell?



## What sectors do we sell to?



Others: Textile, hygiene and pharmacy.



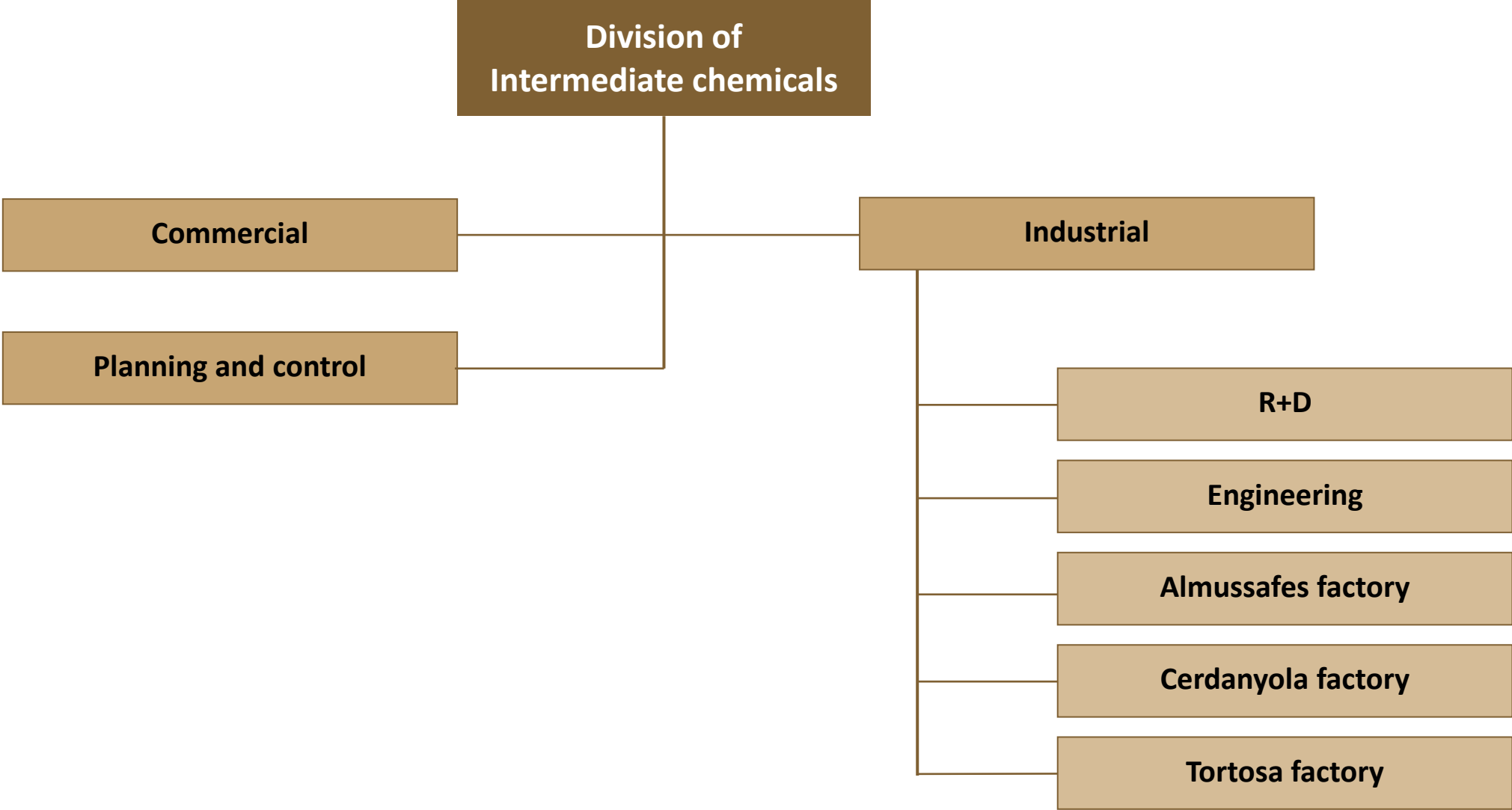
# Products, applications and market shares. Fiscal year 2023

Products	Applications
Dipentaerythritol	Synthetic lubricants
Formaldehyde	Derivatives manufacture
Sodium formate	Tanning industry
Paraformaldehyde	Resins and petrochemicals
Pentaerythritol	Paints
Moulding compounds	Electrical components
Melamine resins	Low pressure laminates
Urea resins	Wood industry
Phenolic resins	High pressure laminates

Ranking by market share			
	Spain	Europe	World
Resins	2 <sup>nd</sup>	7 <sup>th</sup>	-
Formaldehyde	1 <sup>st</sup>	5 <sup>th</sup>	-
Paraformaldehyde	1 <sup>st</sup>	1 <sup>st</sup>	1 <sup>st</sup>
Polyols*	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
Moulding compounds	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>

\*Polyols: Dipentaerythritol, pentaerythritol and sodium formate.  
The data provided come from calculations made by Ercros.

# Division structure





# Division directory

## Division manager

**Enric Montserrat**

## Headquarters

593-595, Diagonal Ave  
08014 Barcelona - Spain  
E-mail: quimicaintermedia@ercros.es  
Tel.: +34 609 880 630 and +34 934 393 009

## R+D department

Department head: **Teresa Camarasa**  
Polígono Baix Ebre, street A  
43897 Tortosa (Tarragona) - Spain  
E-mail: quimicaintermediait@ercros.es  
Tel.: +34 977 597 207

## Industrial manager

**Santiago Rodríguez**

## Commercial direction

**Manager: Luis Ignacio Cerdá**

**Customer Service Centre (CSC)**

E-mail: cac@ercros.es  
Tel.: +34 933 069 320/19/25 and +34 934 445 336

**Commercial delegation in China**

E-mail: ercros@netvigator.com  
Tel.: +85 231 494 521

## Facilities

### Almussafes factory

Manager: **Jose Montaner**  
Venta Ferrer, s/n St.  
46440 Almussafes (Valencia)  
Spain  
Tel.: +34 961 782 250  
E-mail: almussafes@ercros.es

### Cerdanyola Factory

Manager: **Fernando Burgueño**  
105, Santa Anna St.  
08290 Cerdanyola (Barcelona)  
Spain  
Tel.: +34 935 803 353  
E-mail: cerdanyola@ercros.es

### Tortosa Factory

Manager: **Blanca Rius**  
Polígono Baix Ebre, street A  
43897 Tortosa (Tarragona)  
Spain  
Tel.: +34 977 454 022  
E-mail: tortosa@ercros.es

# Main R+D projects

- The division's R&D center is located in the Tortosa factory.
- The main projects are:
  - New range of ErcrosTech resins with various applications in wood laminates and metal coatings.
  - Improvement of the production process of moulding compounds to offer new qualities.
  - Improvement of the polyol process to increase production efficiency.



# ESG Accreditations

- Prevention management system according to **ISO 45001**.
- Quality management system according to **ISO 9001**.
- Environmental management system according to **ISO 14001**.
- Energy management system according to **ISO 50001**.
- Verification of greenhouse gas (GHG) emissions according to **ISO 14064**.
- Registration in the European Eco-Management and Eco-Audit Register (**EMAS**).
- Verification of compliance with the Good Corporate Governance Index (**IBGC**).
- Healthy Organization Management System (**Sigos**).



# Sustainability: programs, agreements and ratings

- **Responsible Care:** Program of good practices in sustainability of the global chemical sector.
- **Global Compact:** Program promoted by the UN that contains 10 principles of action.
- **Carbon Disclosure Project (CDP):** Organization designed to assess the behavior of affiliated companies regarding the climate emergency.
- **Climate action of the Generalitat de Catalunya:** Commitment to achieve neutrality of CO<sub>2</sub> emissions by 2050.
- **EcoVadis:** International sustainability rating (score 85/100 en 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.





**For more information**

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