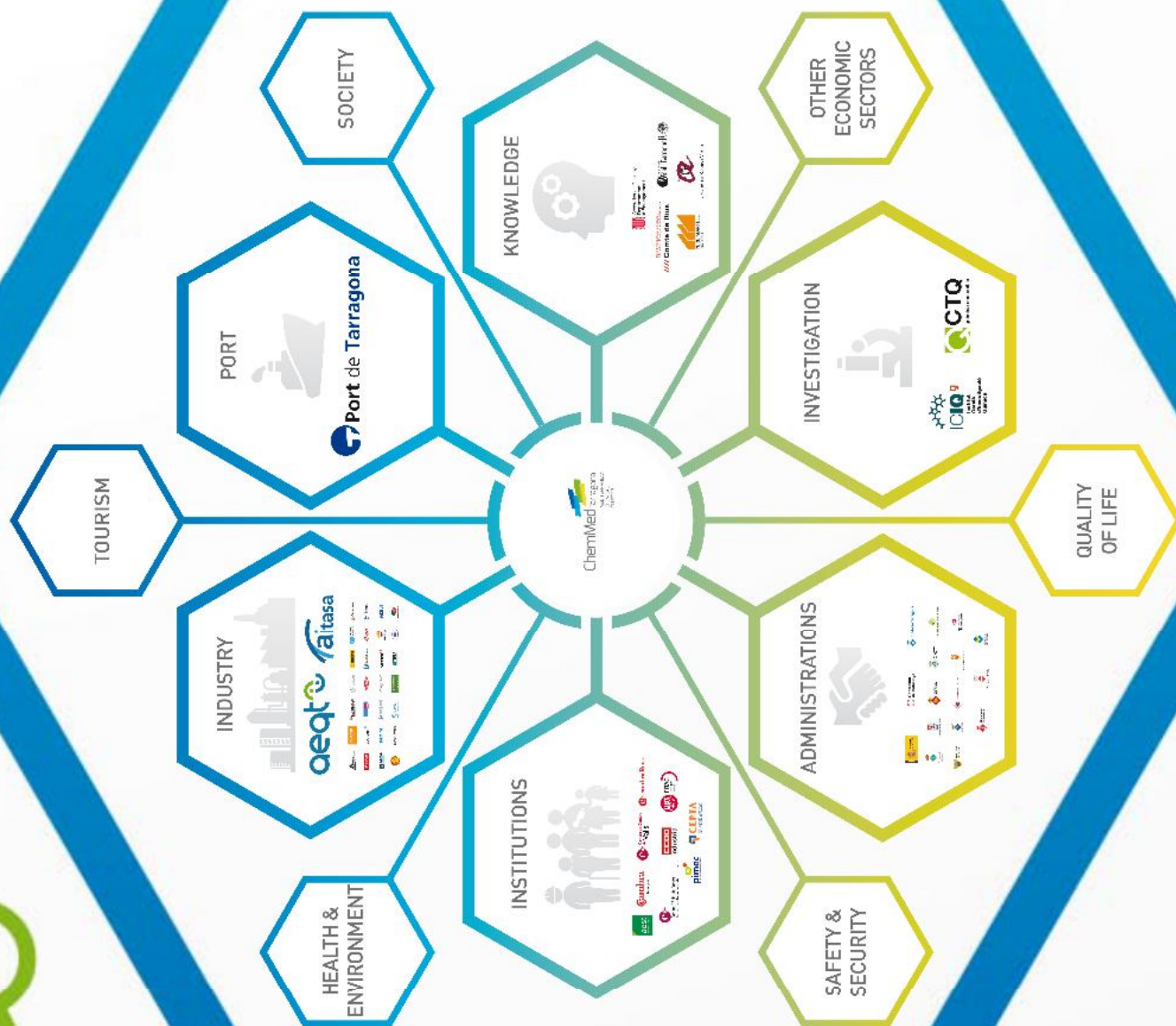




ChemMedTarragona

MEDITERRANEAN
CHEMICAL
CLUSTER



TOURISM

INDUSTRY

PORT



aeqt  aitasa



 Port de Tarragona

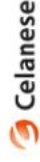


UTIONS

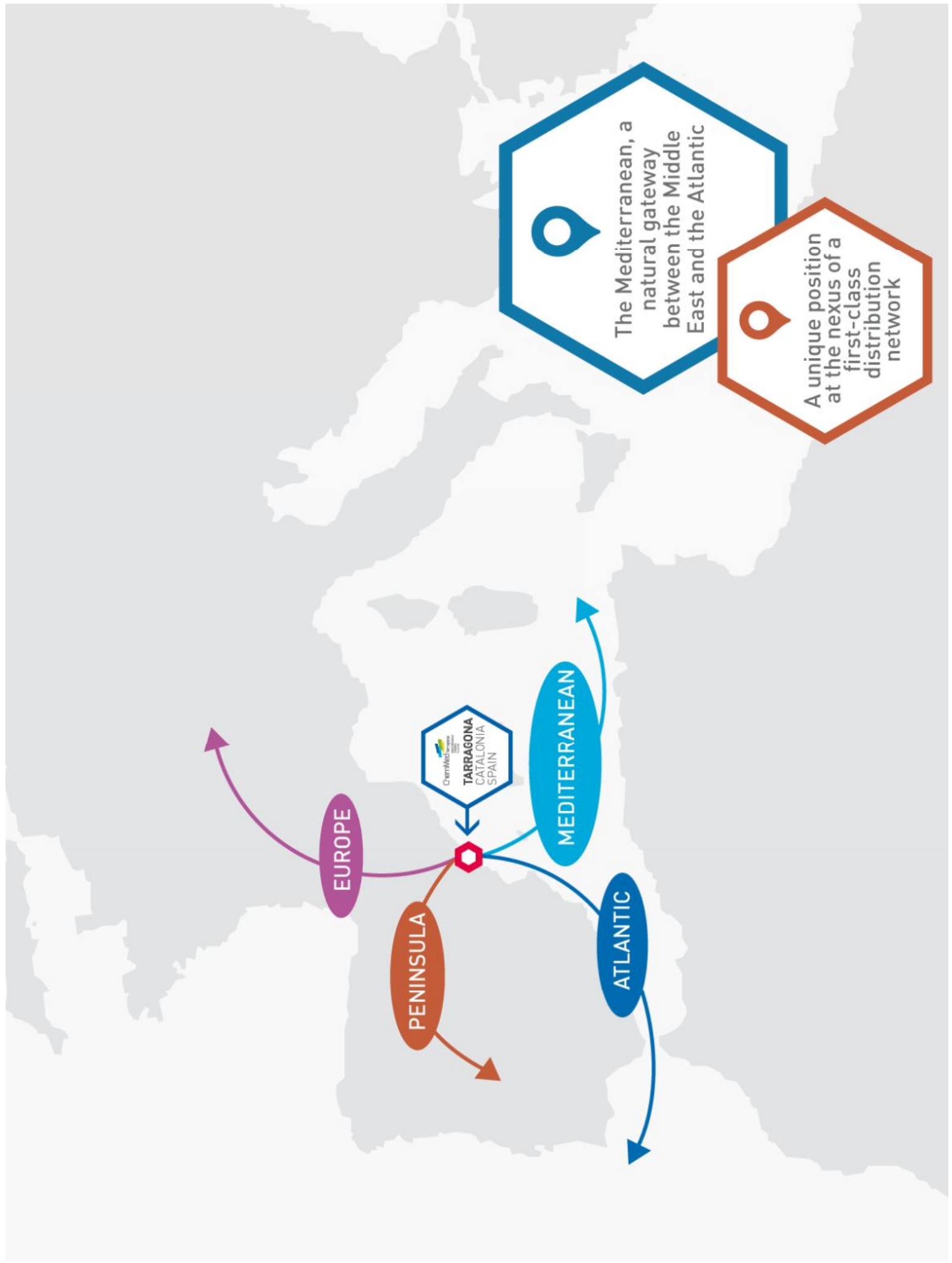
KNOWLE



aeqt aitasa








TARRAGONA
CATALONIA
SPAIN

EUROPE

PENINSULA

ATLANTIC

MEDITERRANEAN


The Mediterranean, a natural gateway between the Middle East and the Atlantic


A unique position at the nexus of a first-class distribution network

Its economic impact makes this sector one of the greatest drivers of progress in the region and the country

ChemMedTarragona

MEDITERRANEAN
CHEMICAL
CLUSTER

 **14.000** students
1.400 researchers
URV Campus of International Excellence

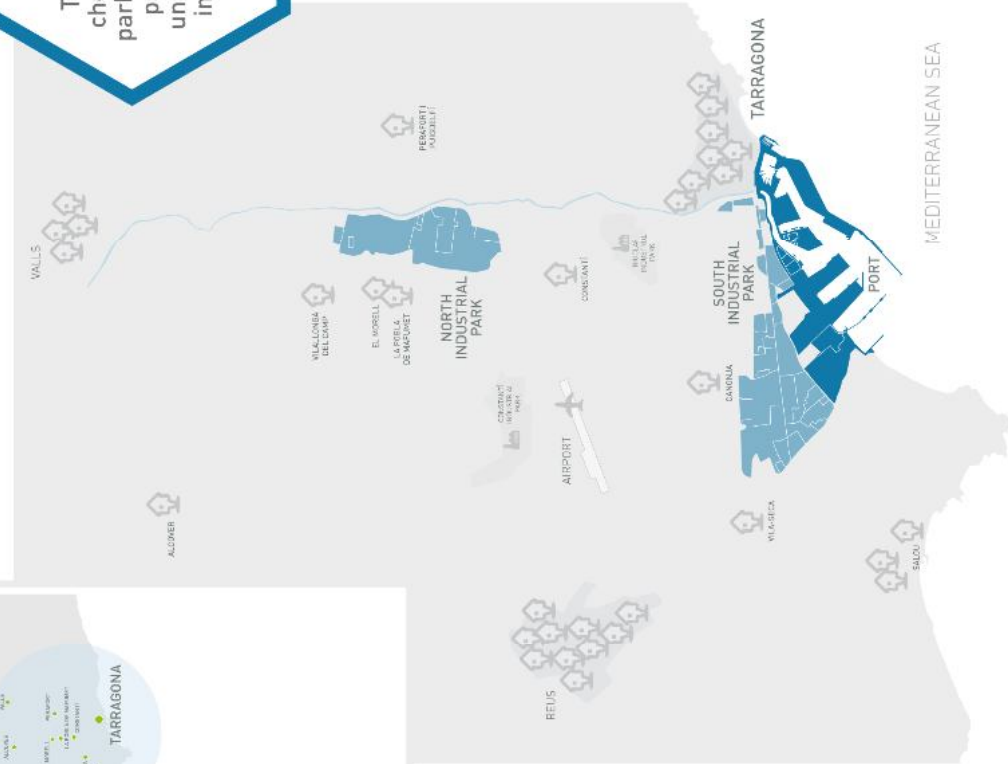
 **33** multinational companies of the chemical sector
 **1st** class industrial port
 **60%** of goods traffic of the Port of Tarragona

 **44%** of Spanish plastics production
 **1.200** hectares devoted to chemical industry
 **36.000** induced jobs

 **1st** industrial park in southern Europe
 **25%** of Spanish chemical production
 **20** million tonnes of chemical products produced annually



Tarragona's two chemical industrial parks, adjacent to the port, constitute a unique equation for industrial growth



20 million tonnes of chemical products produced annually

31 million tonnes of chemical products and other merchandise moved by the port each year

40 regular lines uniting Tarragona with any other point in the world through the port

200.000 bpd capacity refinery

2 ethylene crackers with a capacity of 1,370 Kt of ethylene/year

140,000 t/year capacity for the production of ethylene oxide, the only producer of this product in Spain

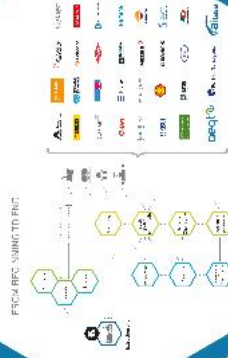
2 combined cycle plants with a global output of 820 MW

Pipelines for transporting water and products

3 safety chemical parks (firestations)

2nd deepest draught in the Mediterranean

SUPPLY CHAIN



Production



We greatly enhance the value supply chain in the chemical sector and we serve the world, primarily through the port

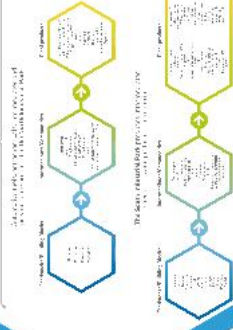
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IMPORT AND EXPORT



PRODUCTS

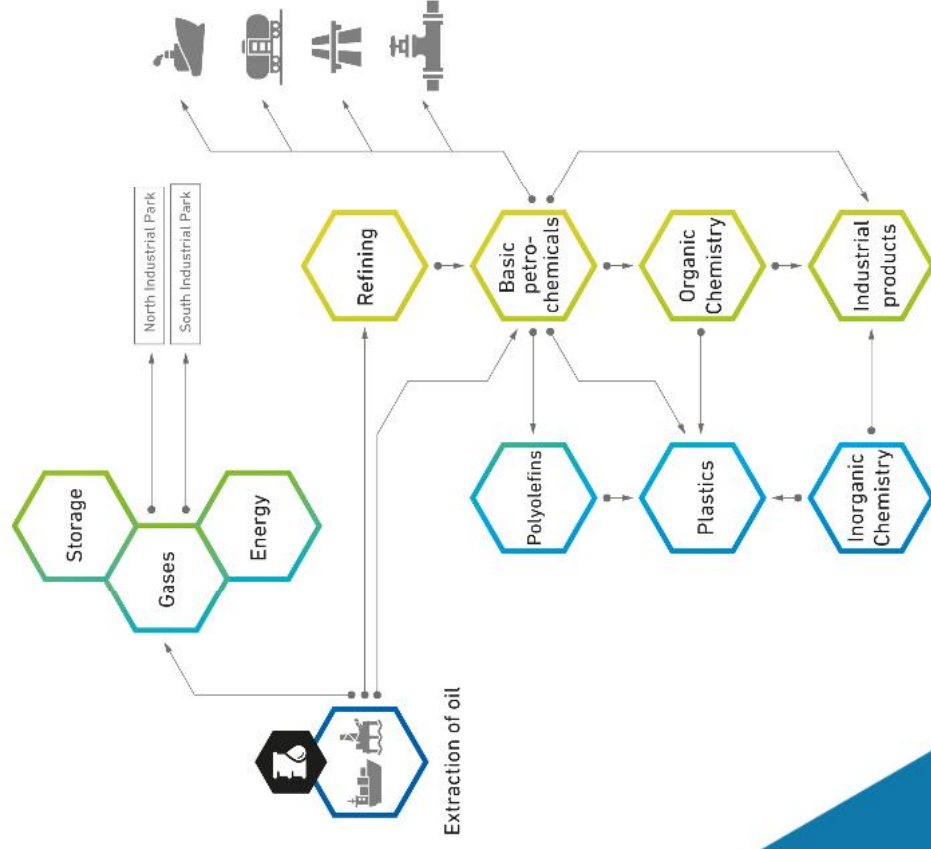
200,000 tons of petrochemical products
The largest producer of organic plastics



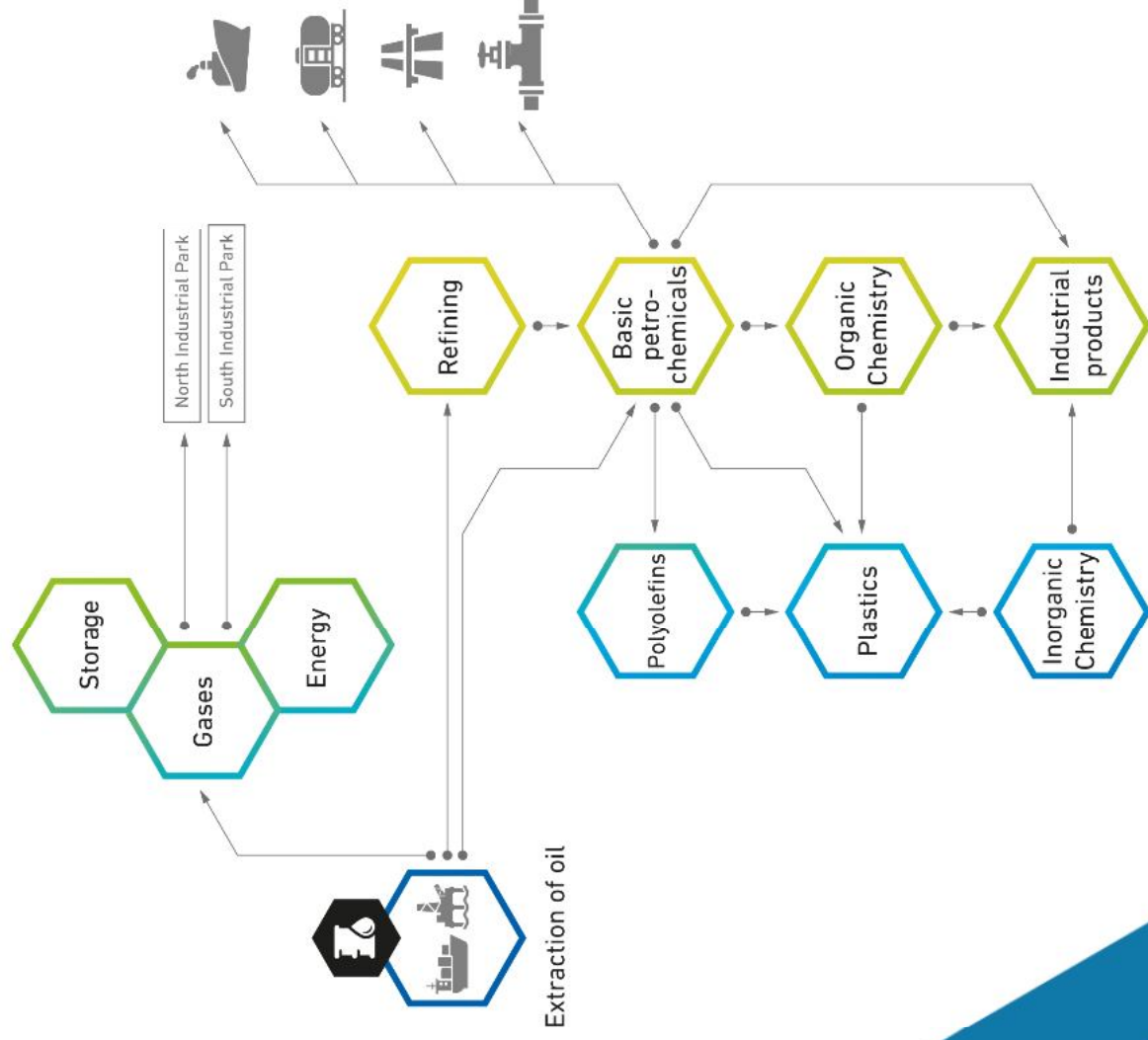


SUPPLY CHAIN

FROM BEGINNING TO END



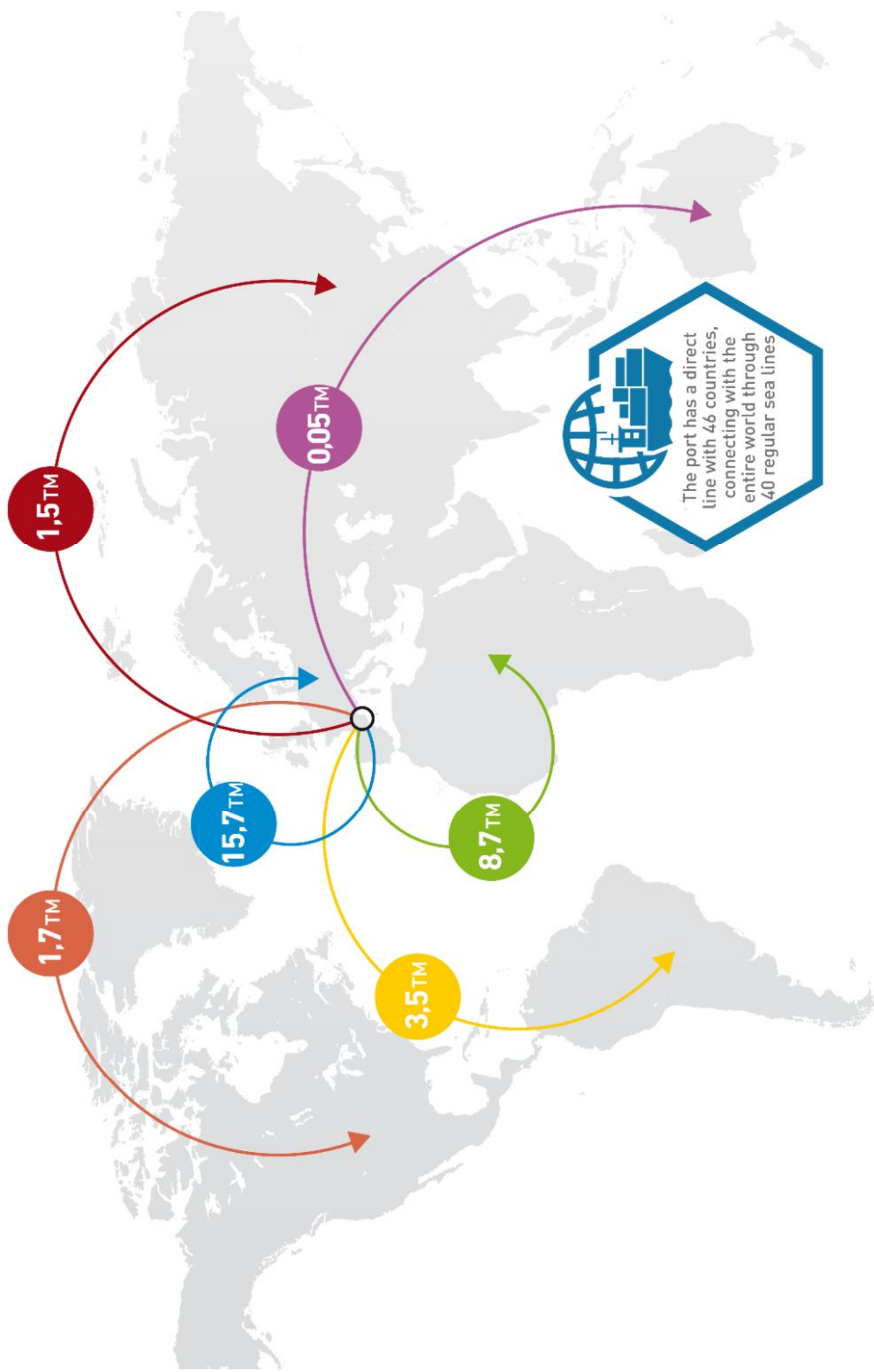
FROM BEGINNING TO END



IMPORT AND EXPORT



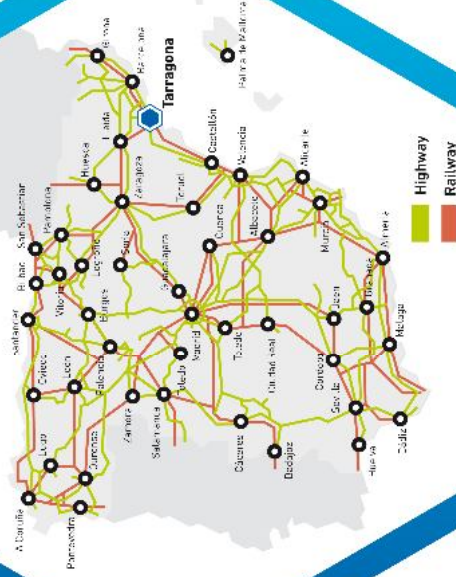




Communication network

Tarragona is located in an exceptional place, not only to connect with the Iberian market, but also to link up with other international lines connecting Europe, Africa and Asia

Hinterland



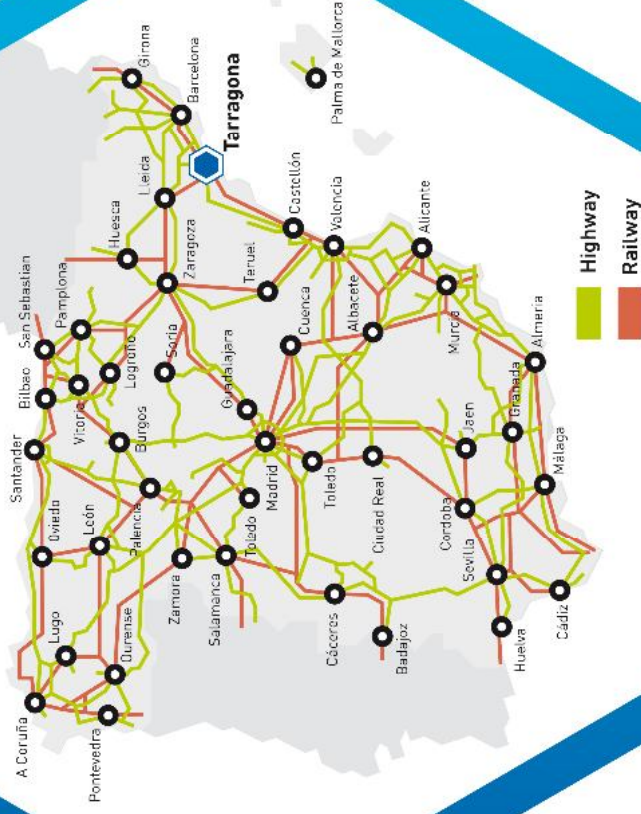
European connections



- Spain has the most extensive network of two-lane expressways in Europe
- Close proximity to the Reus and Barcelona airports
- Port with the 2nd deepest draught in the Mediterranean, and one of the top 5 Spanish ports
- Tarragona is located in the middle of the Mediterranean Corridor which connects Europe and Africa

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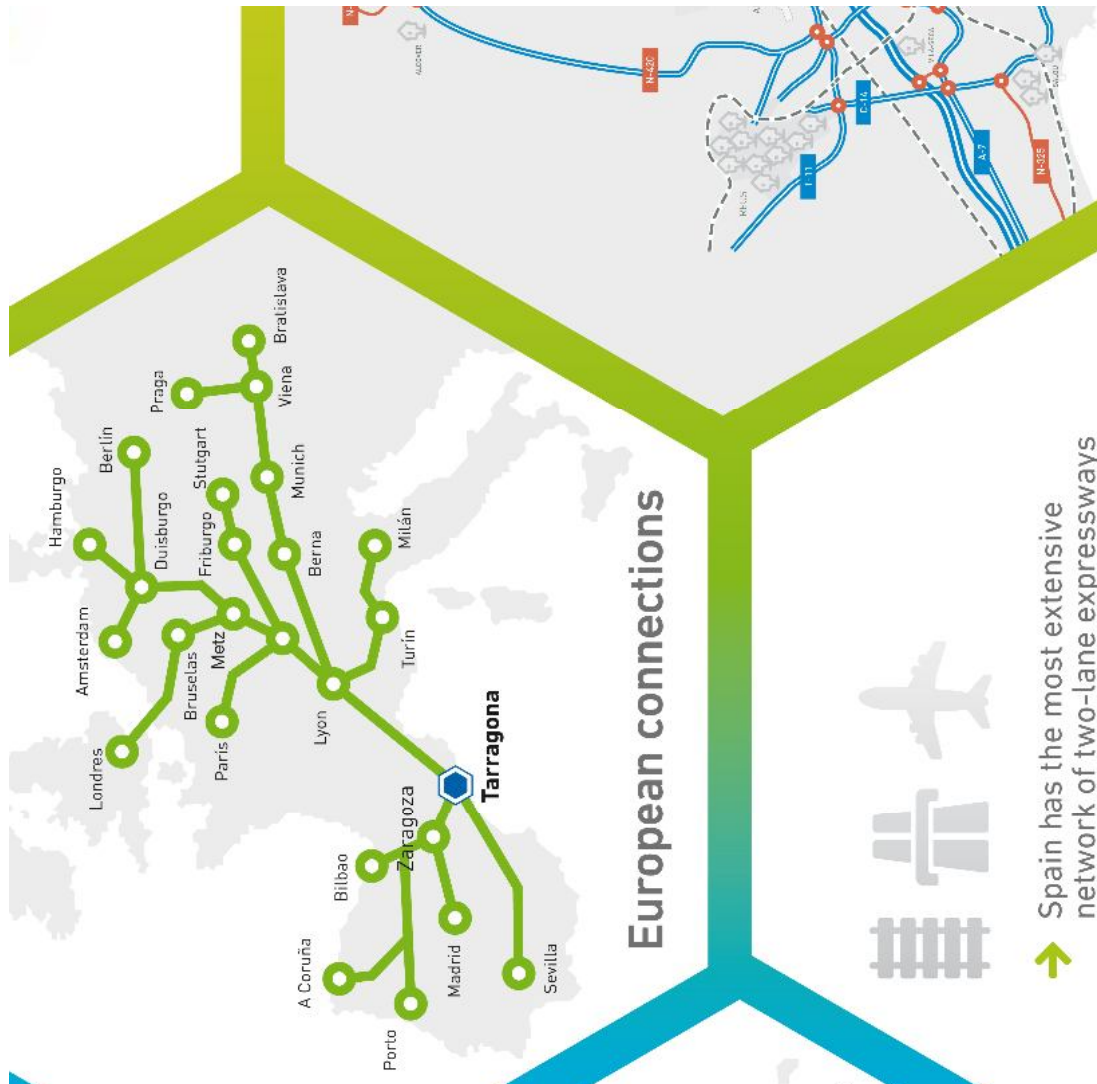
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Munich
Viena
Bratislava



Infrastructures & services

Everything you need to run and grow your business, at your fingertips



REGENERATED WATER SUPPLY

Water à la carte: industrial, recycled, chlorinated and demineralised



- ➔ 44 km industrial water network
- ➔ 14 km chlorinated water network
- ➔ World pioneering water recycling plant, with a capacity of 19 Hm³/year
- ➔ The plant also produces demineralised water with a quality of 0.2 μ s

PIPELINE RACK (DIXQUIMICS)

The port and the chemistry industry are connected by pipelines: efficient, economical transport with minimal environmental impact



- ➔ Direct connection between the companies and the port
- ➔ Monitoring and security system 24 hours a day, 365 days a year
- ➔ 62 transport lines that can be expanded according to demand
- ➔ The Repsol rack connects the port, the southern industrial park and the northern industrial estate

THREE FIRESTATIONS

Three dedicated firefighting stations
for the fastest response



- 3 firefighting stations serving the two industrial parks and the port
- 42 professional fire-fighters dedicated to serving the chemical industry
- 11 land, sea and air vehicles to serve the chemical companies in the area
- Constant training and simulation for the best possible response

UNDERWATER OUTFALL UNIT

Improved spill management through
a unique underwater outlet



- Works that allow vessels with deeper draughts to enter the port
- Sensor network for monitoring in real time
- Exhaustive analytical monitoring of the marine environment

NEW CHEMICAL QUAY

The expansion of the chemical quay means that up to 6 million tonnes of chemical products can be moved



- 1,200 new metres of moorings for the chemical industry
- 36 hectares available for chemical product storage
- 60 hectares in the port devoted to this use in total
- 60% of port business comes from the chemical sector

ZAL AREA

An industrial space for all types
of logistics and port activities



- ➔ 100 hectares available
- ➔ Road and rail connection
- ➔ Direct access from the intermodal terminal
- ➔ Direct access from the container terminal



JOINT SERVICES TO COVER CONTINGENCIES IN THE CASE OF OCEAN CONTAMINATION

Joining forces against marine contingencies

- The first port in Spain to have a specific plan for such incidents
- Creation of marine contamination monitoring park
- Integration of the south chemical park, which serves the southern chemical industrial park and the port



GENERAL SERVICES

Ready to get there
and start producing

The companies offer new
investors services including:

- Water and steam
- Caterers and restaurants for employees
- Medical and health services
- Monitoring and security

Environment



The region, in harmony

- Government of Spain
- Government of Catalonia
- Provincial government of Tarragona
- The councils of the 13 cities and towns in the region involved in the chemical industry



Attracting talent

- Rovira i Virgili University declared a Campus of International Excellence
- Institution with 14,000 students and 1,400 researchers
- Pioneers: institutes in Spain in dual vocational training
- Catalan Chemical Research Institute (ICIQ), among the top three in the world
- A chemical technology centre (CTO) which undertakes R&D+i projects
- Ministry of Teaching of the Government of Catalonia



The business sector adds that much more

- Chambers of commerce (Tarragona, Reus, Valls and Tortosa)
- Business federations (PRIMEC and CEPMA)
- Unions (CCOO and UGT)



Quality and specialisation

80 services and maintenance companies working together

- Specific training for workers in the chemical industry
- Guaranteed standards of quality
- 4,000 direct jobs or improving the competitiveness of the chemical industrial parks



An idyllic setting

- Its climate led the Romans to call it "the city of eternal spring"
- 92 kilometres of world class beaches
- Port Aventura, the sixth most visited holiday parks in Europe
- Permanent venue for Cirque du Soleil
- Future installation of the Ferrari Land theme park
- A culture of wine and olive oil, of world renown

Along with the chemical industry and the port, other stakeholders in the region have come together to create an ideal setting for investment



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