



mediterranee.uic.fr/Plateforme-PIICTO  
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**Etablissement de Fos-sur-Mer - Kem One**  
 Carrefour du Caban RD268 BP 60111  
 13 773 Fos-sur-Mer CEDEX

## PLATFORM SPECIFICATIONS

- 14 companies on site, all of which are members of the PIICTO association

Air Liquide France Industrie	France	Evere (Urbaser)	Spain
Asco Industrie	France	GDF Suez Thermique France	France
Cap Vrac (VICAT)	France	GPPM (Fos Marseille Harbour)	France
Carfos (Sea Invest)	Belgium	Jean Lefebvre Méditerranée (Eurovia-Vinci)	France
Compagnie Nationale du Rhône	France	Kem One	France
Covestro	Germany	Lyondellbasell	Netherlands
Elengy (ENGIE)	France	Solamat Merex (SARPI)	France

- 3,000 employees (of which 50% are subcontractors)
- Total area 1,200 hectares, **of which 600 are available** (land plot from 1,000 sq.m. to 100 ha., 1,700 meters quayside available, additional 3,000 meters to be developed)
- Security: Partially fenced site, guarded 24/7, partially Seveso-certified site (high level of security)
- Certifications: Companies set up on site have their own ISO and OHSAS certifications
- Energy-intensive industries (natural gas and electricity)

## OPERATIONS/PRODUCTS

- **Chlorochemicals:** chlorine - hydrochloric acid - caustic soda - vinyl chloride - dichloroethane
- **Petrochemicals:** ethylene - propylene-butane - propylene oxide - polyethers - polyols
- **Other chemicals:** methanol - ethanol - glycols - TBA - MTBE - ETBE
- **Industrial gas:** H<sub>2</sub> - O<sub>2</sub> - N<sub>2</sub>
- **Steel works - construction aggregates - hazardous and common - waste treatment units**
- **Power production:** gas turbine, wind turbines

## INFRASTRUCTURE

- ✈ 30 mins from Marseille Provence International Airport
- 🛣 Connected to various motorways: A54 to A7 (North, Lyon)/A54 to A9 (South, Spain)/A55 to A8 (East, Italy)
- 🚢 Marseille - Fos Harbor: France's largest port, main gateway to southern Europe  
 Container and bulk (liquid, solid)/oil, gas, chemicals facilities/ Draught: 10.50-18 meters  
 Water connection: access to Rhône river
- 🚄 30 mins to high speed train station
- 🚊 Direct connection to the rail network

## SHARED SERVICES/UTILITIES

18 bars (30bars soon)	Steam	
	Electricity	Up to 225kV
Industrial water, demineralized water Fire system water	Industrial fluids	
	Industrial gas	Natural gas, compressed air, nitrogen, hydrogen, oxygen, CO <sub>2</sub>
Wastewater treatment plant Incinerators	Treatment of effluents	
	Possible connection to existing network	To the treatment plant To an incinerator
Medical care service Employees are trained in first aid	Safety/security	
	Full service possible	Plug&Play connection, optical fiber high-speed internet, telephone network
Administrative and technical support in obtaining authorizations Risk and HSE (hygiene, health, safety and environment) management HSE charter	Technical support functions	
Equipment inspection service certified by the French authorities Industrial maintenance Analytical laboratory		
	Infrastructure management	Rail traction, logistics, rental of buildings, meeting rooms

## OTHERS SERVICES/UTILITIES

- Cooling water, decarbonated water
- Infrastructure management: roads
- Pipeline networks: crude oil, oil products, chemicals, natural gas, industrial gas

## NETWORK PLATFORM

Local Innovation clusters	Innovex	Platform focused on industrial innovation and which hosts industrial demonstrations (on PIICTO): ■ Gas power "JUPITER 1,000", GRT Gas ■ Storage renewable energy "Flow Box" ■ VASCO 2: CO <sub>2</sub> to oil ■ Biorefinery projects
	Novachim	Cluster for chemicals and high-tech materials
	POLE MER	Cluster for economic development of sea and seashore
Research centers	CEA Tech - Cité des énergies	Renewable energy: photovoltaic systems, smart grids (electrical and thermal), solar thermal power, energy efficiency in buildings, third generation biomass platform
Universities	Aix Marseille University	One of France's top five universities One of the world's top 150 universities Many specialist areas, seven scientific departments
	Centrale Marseille	Part of the French engineering school network Technological platform focused on chemicals
	Bordeaux University	Science and technology laboratories
Potential partners	In this industrial area	Subcontractors are present in all industrial maintenance areas. Main industrial sites nearby: Major Arcelor Mittal Steel Works and ExxonMobil Oil refinery