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Etablissement de Fos-sur-Mer - Kem One  
Carrefour du Caban RD268 BP 60111  
13 773 Fos-sur-Mer CEDEX

**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)**

## SHARED SERVICES/UTILITIES

<b>STEAM</b>	18 bars (30 bars soon)
<b>ELECTRICITY</b>	Up to 225kV
<b>INDUSTRIAL FLUIDS</b>	Industrial water / demineralized water / fire system water
<b>INDUSTRIAL GAS</b>	Natural gas / nitrogen / hydrogen / oxygen
<b>TREATMENT OF EFFLUENTS</b>	Incinerators
<b>SAFETY/SECURITY</b>	Medical care service / employees are trained in first aid
<b>TELECOM &amp; DATA</b>	Plug&Play connection / optical fiber high-speed internet / telephone network
<b>TECHNICAL SUPPORT FUNCTIONS</b>	Administrative and technical support in obtaining authorizations Risk and HSE (hygiene, health, safety and environment) management Pressurised equipment inspection service certified by the French authorities Industrial maintenance / analytical laboratory
<b>INFRASTRUCTURE MANAGEMENT</b>	Multi-modal capacities: maritime / inland waterway / road / rail / pipeline Rental of buildings / meeting rooms Solid bulk terminal / gas terminal

## 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



## CHEMICAL PARK SPECIFICATIONS

- 15 companies on site, all of which are members of PIICTO association
  - Air Liquide France Industrie (France)
  - Asco Industrie (France)
  - Carfos (Sea Invest) (Belgium)
  - Compagnie Nationale du Rhône (France)
  - Covestro (Germany)
  - Elengy (ENGIE) (France)
  - Engie Thermique France (France)
  - Evere (Urbaser)
  - GPM (Fos Marseille Harbour) (France)
  - GRTgaz (France)
  - Jean Lefebvre Méditerranée (Eurovia-Vinci) (France)
  - Kem One (France)
  - LINDE (Germany)
  - Lyondellbasell (Netherland)
  - Solamat Merex (SARPI) (France)
  - Vicat (France)
- 3,000 employees (of which 50% are subcontractors)
- **Security:** partially Seveso-certified site (high level of security)
- **Certifications at industrial level:** most of companies are certified ISO 9001 / ISO 14001 / OHSAS 18001
- Energy-intensive industries (natural gas and electricity) ISO 50001 certified



## SPECIFIC SERVICES/UTILITIES

- Cooling water, decarbonated water
- Infrastructure management: train, road, fluvial, maritime, pipeline
- Pipeline networks: crude oil, oil products, chemicals, natural gas, industrial gas

## 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
- 45 mins to high speed train station
- Direct connection to the rail network

## NETWORK: INNOVATION AND POTENTIAL PARTNERS

LOCAL INNOVATION CLUSTERS	Innovex	Platform focused on industrial innovation and which hosts industrial pilots: <ul style="list-style-type: none"> <li>■ Jupiter 1,000 (Power to gas)</li> <li>■ Renewable energy storage (Power to power)</li> <li>■ VASCO 2: CO2 to oil by microalgae</li> <li>■ Biorefinery projects</li> </ul>
	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
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