



[www.plateforme-chemesis.com](http://www.plateforme-chemesis.com)  
<http://carling.total.fr> [www.arkema.com](http://www.arkema.com)  
[www.uniper.energy](http://www.uniper.energy)  
[www.snf-group.com](http://www.snf-group.com)

**CHEMESIS**  
 at Arkema France - Usine de Carling  
 BP 61005  
 57501 SAINT-AVOLD Cedex

**TOTAL AREA OF 600 HECTARES (PLATFORM + COMPOSITE PARK) OF WHICH 50 ARE AVAILABLE NOW, AND 240 WILL BE AVAILABLE IN 2020 (170 HA FOR PLATFORM + 70 HA FOR COMPOSITE PARK)**

## SHARED SERVICES/UTILITIES

<b>STEAM</b>	Steam network
<b>ELECTRICITY</b>	Extra high-voltage station nearby (400kv), making it possible to set up an electric-intensive business
<b>INDUSTRIAL FLUIDS</b>	Industrial water / demineralized water / fire system water
<b>INDUSTRIAL GASES</b>	Nitrogen / hydrogen / oxygen
<b>TREATMENT OF EFFLUENTS</b>	Wastewater treatment plant
<b>POSSIBLE CONNECTION TO</b>	Different utilities and wastewater treatment
<b>SAFETY/SECURITY</b>	Fire brigade / security services
<b>TELECOM &amp; DATA</b>	Plug&Play connection / optical fiber / high-speed internet / telephone network
<b>TECHNICAL SUPPORT FUNCTIONS</b>	HSE charter to ensure consistent management of hygiene, health, safety and environment
<b>INFRASTRUCTURE MANAGEMENT</b>	Rental of buildings / meeting rooms / catering services

## OPERATIONS / PRODUCTS

- ◇ Low density polyethylene - polystyrene - copolymers of ethylene- acrylates, of crystal polystyrene and high impact polystyrene (GPPS and HIPS), of polypropylene compound
- ◇ Hydrocarbon resins (Cray Valley)
- ◇ Manufacture of acrylic acid and by-products (esters, ADAME), super absorbant polymers
- ◇ Power generation
- ◇ Manufacture of organic and mineral coagulants - Manufacture of PMMA



## CHEMICAL PARK SPECIFICATIONS

- ◇ **8 companies on site together forming an association:**
  - Air Liquide (France)
  - Altuglas (France)
  - Arkema (France)
  - Cokes de Carling (Germany)
  - Protelor (France)
  - SNF COAGULLANIS (France)
  - SNF FLOERGER (France)
  - Total Petrochemicals France (France)
  - Uniper (Germany)
- ◇ 1,200 employees (and 3,500 indirect jobs)
- ◇ **Security:** site fenced and guarded 24/7, Seveso site
- ◇ **Certifications at industrial level:** ISO 9001, ISO 14001, ISO 50001, Responsible Care, ISRS and OHSAS 18001
- ◇ Possibility to locate in Seveso area or in the Composite Park area (not Seveso).
- ◇ Platform located in special EU regional aid area (tax exemption for new companies located or created in this 'AFR' area)



## SPECIFIC SERVICES/UTILITIES

- ◇ Oxygen and nitrogen by pipe
- ◇ Infrastructure management: trucks and rails loading/unloading
- ◇ Occupational health

## INFRASTRUCTURE



**3 airports: Metz-Nancy Lorraine, Saarbrücken-Ensheim, Luxembourg**



**2 motorways: North/South (A31-E25) and East/West (A4-E50)**



**Inland access possible to reach the North Sea seaport by the Moselle canal**



**Near to the high speed train station**



**Direct connection to a rail hub (Woippy)**

## NETWORK: INNOVATION AND POTENTIAL PARTNERS

<b>LOCAL INNOVATION CLUSTERS</b>	Materialia	Leading cluster for collaborative innovation in processes and materials
	Fibres Energie-Vie	Innovation cluster focusing on materials and sustainable building
	Hydreos	Innovation cluster focusing on smart water management
	IRT M2P	Technological research institute in metallic materials, polymers and processes
	IPPE (see also R&D center)	National platform for automotive structural parts made from composite materials
	PLASTINNOV (Lorraine University technology platform)	Characterization of polymers and plastics, prototyping, including combustibility tests
<b>RESEARCH CENTERS</b>	R&D Centers of Arkema and of Cray Valley (Total)	Public Engineering school, science and technology
	Plastics Cluster of East of France (PPE) In the industrial zone	Specializing in charged polymers and composite materials
	The Institut de Soudure Group (IS)	Provides the highest performance solution to the needs of industry during the equipment design, manufacture and maintenance phases
<b>UNIVERSITY</b>	One university hub	(50,000 students; 3,700 teachers; €544 million budget) federating 14 engineering schools (in chemistry, materials, technologies, electricity, etc.) 20 training centers specializing in industrial jobs (for students) 28 skill training sites (for employees)
<b>POTENTIAL PARTNERS</b>	In this industrial area	Approximately 1,000 qualified outsourcing contractors working for companies on the platform