



www.plateforme-chemesis.com
<http://carling.total.fr> www.arkema.com
www.uniper.energy
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

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

- **9 companies on site together forming an association:**
 - Air Liquide (France)
 - SNF COAGULANTS (France)
 - Altuglas (France)
 - SNF FLOERGER (France)
 - Arkema (France)
 - Total Petrochemicals France (France)
 - Cokes de Carling (Germany)
 - Uniper (Germany)
 - Protelor (France)
- 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

LOCAL INNOVATION CLUSTERS	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
RESEARCH CENTERS	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
UNIVERSITY	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)
POTENTIAL PARTNERS	In this industrial area	Approximately 1,000 qualified outsourcing contractors working for companies on the platform