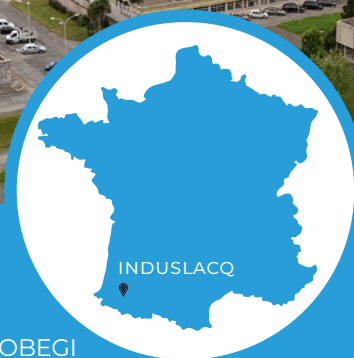




CHEMICAL PARK MANAGER: SOBEGI
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TOTAL AREA OF 224 HECTARES OF WHICH 45 ARE AVAILABLE (PARCELS FROM 1 TO 18 HA)

SHARED SERVICES/UTILITIES

STEAM	40% renewable 2 steam boilers biomass and natural gas cogeneration 4 networks from 4 to 110 bars
ELECTRICITY	100% produced locally / redundant 63 kV public network connection / 20 kV and 5,5 kV high quality distribution / 19 MW biomass cogeneration (Co-fely) / 20 MW Natural gas cogeneration (Sobegi)
INDUSTRIAL FLUIDS	Industrial water / demineralized water / fire system water
INDUSTRIAL GASES	Compressed air / nitrogen
TREATMENT OF EFFLUENTS	Waste water treatment plant
SAFETY/SECURITY	Medical care service / fire department specializing in chemical risk
TELECOM & DATA	Plug&Play connection / optical fiber / high-speed internet / telephone network
TECHNICAL SUPPORT FUNCTIONS	Analytical laboratory
INFRASTRUCTURE MANAGEMENT	Rail engine operations

OPERATIONS / PRODUCTS

- ◇ H₂S - many thiochemical products - commercial gas (HUB) - ethanol
- ◇ Natural gas available: produced locally, available in the long term, at a price independent from market conditions
- ◇ Sulfur chemicals - region with dense woodland and cereal crops - manufacture of carbon fibers
- ◇ Organic and mineral chemicals - continuous process



CHEMICAL PARK SPECIFICATIONS






- ◇ **13 companies on site with a single shared utilities and services provider:** Sobegi
 - Arkema (France)
 - SEBL (France)
 - Bioénergie du Sud-Ouest (Spain)
 - Sobegal (France)
 - Biolacq Energie (France)
 - TEPF (France)
 - Messer (France)
 - TEREGA (France)
 - Retia (France)
 - Total S.A. (France)
 - SCI RB/SAMAT (France)
 - Toray CFE (Japan)
- ◇ 700 employees
- ◇ **Security:** Fenced and secured site, look-out post and security guards 24/7, Seveso-certified site (high level of safety)
- ◇ **Certifications at industrial level:** ISO 9001, ISO 14001, OHSAS 18001, MASE, COFRAC



SPECIFIC SERVICES/UTILITIES

- ◇ Cooling water, ice water
- ◇ Training center, special center for security training (CESS)
- ◇ IT services are under the responsibility of each company
- ◇ Waste management (recycling and valorization)
- ◇ Engineering Maintenance
- ◇ Biometric access control

INFRASTRUCTURE

-  **20 mins from airport (Pau-Uzein), daily flights to Paris airports, and two other airports nearby Biarritz Parme and Tarbes Ossun Lourdes**
-  **10 mins to A65/A64/A63 motorways**
-  **Sea access through the port of Bayonne (at 70 km)**
-  **Artix 5 mins / Orthez 20 mins / Pau 40 mins**
-  **Direct connection to the rail network**

NETWORK: INNOVATION AND POTENTIAL PARTNERS

LOCAL INNOVATION CLUSTERS	Avenia	Geosciences and energy engineering
RESEARCH CENTERS	GRL (groupement de recherche de Lacq) Arkema Perl (Total)	Design and development of acrylic polymers, sulfur derivatives and adsorbent products Physico-chemical products, treatment of gases, products for the environment
	TORAY Technical center	Carbon fibers
	CHEMSTART'UP	R&D and technological transfer platform, with: <ul style="list-style-type: none"> ◇ a shared laboratory between TOTAL/CNRS/ESPCI (chemical engineering school) for research on physico-chemical products ◇ SCE France (Hydro-Québec) for scientific research on energy storage and lithium ion batteries ◇ M2I Development for research on biological materials ◇ BGH for research on the use of gas hydrate for water treatment ◇ CANOE for research in composites and advanced materials
	CSTJF (TOTAL)	Center of expertise in the field of oil and petroleum activity
UNIVERSITIES	UPPA (Pau Pays Adour University)	Science and technology laboratories
	IPREM	Analytical sciences and chemistry for materials and the environment
	Bordeaux University	Science and technology laboratories
POTENTIAL PARTNERS	In this industrial area	Around 200 subcontractors and service companies and 40 leading industrialists