INCASE Normandy



TOTAL AREA OF 1,800 HECTARES

SHARED SERVICES/UTILITIES

STEAM	350.000 MWh/an	
	High voltage electricity (90 -225 -400 kV)	
ELECTRICITY		
INDUSTRIAL FLUIDS	Industrial water / fire system water	
INDUSTRIAL GASES	Propane / butane and industrial gases (nitrogen, hydrogen, oxygen, CO_2)	
TREATMENT OF EFFLUENTS	Incinerators	
POSSIBLE CONNECTION TO	Pipelines	
SAFETY/SECURITY	Medical care / employees trained in first aid / firemen specilized in chemical risk	
TELECOM & DATA	Plug & Play connection / optical fiber / high-speed internet / telephone networks	
TECHNICAL SUPPORT FUNCTIONS	Equipment inspection service certified by french authorities / industrial mainte- nance HSE charter / risk and HSE management / analytical laboratory	
INFRASTRUCTURE MANAGEMENT	Rail traction / logistics / wharehousing / rental of buildings / meeting rooms	
COLLABORATIVE STUDY	Fatal energy (steal recovery, heat network)	

OPERATIONS / PRODUCTS

- Crude oil & petroleum products: propane, butane, naphtha, petrol, aviation fuel, diesel, domestic fuel, heavy fuel oil, bitumen, liquid sulfur, Petrochemical: butadiene, butene, propylene, aromatics, ethylene
- Carbon black, Industrial gases, Plastics: polyethylene, (PE+PP), synthetic rubber, elastomers, oxygen, hydrogen, gluten, dextrose syrup, ethanol fuel, potable alcohol, resins, speciality fluids, base oil, recovered mineral oil, additives and lubricants.

Natural gas available (40 bars)

Synthesis of active pharmaceutical ingredients



CHEMICAL PARK SPECIFICATIONS

- 24 companies on site:
- Axiplast (Belgium) Cabot Carbone (US)
- martiniquaise (France) •
- De Rijke Normandie 🕠
- Eco Huile / EPR (France)

- Katoen Natie (Belgium)
- - Normand'hy (France)

 - Plastic Energy (Spain)
 - Primagaz (France)

 - Lavaouest (France)
- Géodis RT Chimie ners (France)
 15,000 people employed, with 6,000 directly or
- ♦ Security: Seveso-certified site (high level of
- Certifications: ISO 9001 ISO 14001 ISO 50001 OHSAS 18001 - ANSM recognised
- Originality of the site: Being situated between the largest refinery in Europe, built here 90 years ago by ExxonMobil. A vast network of chemical companies and sub-contractors who all share the same commitment to safety and industrial risk

INFRASTRUCTURE

- Ð 1 hour 30 from Paris Orly & Roissy airports
- A Nearby to the A131 & A29 motorways, le Havre 30 mins, Rouen 45 mins
- Direct access to the Seine & the international maritime terminal
 - 15 mins from the nearest rail station

NETWORK: INNOVATION AND POTENTIAL PARTNERS

LOCAL INNOVATION CLUSTERS	NOV & ATECH	Agro-ressources cluster in Normandy	
	NORMANDIE ENERGIE	Normandy's hydrogen cluster	
	FIMALIN	Industrial flax-based products	
	Upside and Synerzip LH	Local business and industry associations	
UNIVERSITIES	University HUB	66,000 students, 1,900 postgraduates, 8 doctoral schools, 2,300 research professors and 150 research establishments	
	Normandy's PhD center	Doctoral school in Normandy dedicated to molecular, macro-molecular and pharmaceutical chemistry 4 engineering colleges with R&D laboratories	
	4 Engineering schools	Equipped with specialist chemical engineering and plastics R&D labs: INSA in Rouen, ENSICAEN in Caen, ISPA and ISMO College of Higher Education in Plastics and Plastic moulding in Alençon, ENSPM (IFP training) in Rouen and Lillebonne	
	IFP training	A partner of excellence for professional development in the oil & gas industry Training Hub for Technological Industries	
POTENTIAL PART	NERS	In this industrial area	Other industries (pharmacy, aerospace, refining, energy, waste management, etc.) for local expertise and industrial mainte- nance services. More than 150 subcontractors other companies and potential partner

SPECIFIC SERVICES/UTILITIES

- Steam piping between TEREOS and the
- Waste treatment: used oil treatment (Eco-oil), waste treatment and energy recovery centre (SEVEDE), Europe's largest industrial waste treatment and energy recovery centre (SEDIBEX)
- Safety: Awareness-raising programme for nearby residents, Network of sirens to alert immediate
- **Training:** training for students in the N1 chemical risk certificate, Centre for safety training (CNPP GESIP) with expertise in risk prevention and
- Fire service training centre
- Commercial real estate agency
- Logistics services: specialised carriers, repairs &
- Readily available jetty space
- On-site collective risk management
- Programme of circular economy, including industrial and local ecology, promoting an inter-industry synergy