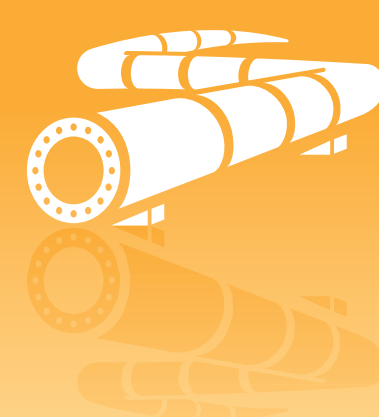


COPEX 2014

CONCAWE Oil Pipeline Operators
 Experience Exchange Seminar

Brussels, 3–4 April 2014



Société des Transports Pétroliers par pipelines

TRAPIL

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 75738 Paris Cedex 15,
 France
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Main business

- Pipeline transportation of refined products for the Le Havre-Paris pipeline (LHP), owned by TRAPIL
- Operation, maintenance and management services for product pipeline networks
- Technical assistance for commissioning and startup of new pipeline abroad
- Different types of products: gasoline, diesel fuel, heating oil, jet fuel and semi-finished products

Pipeline data

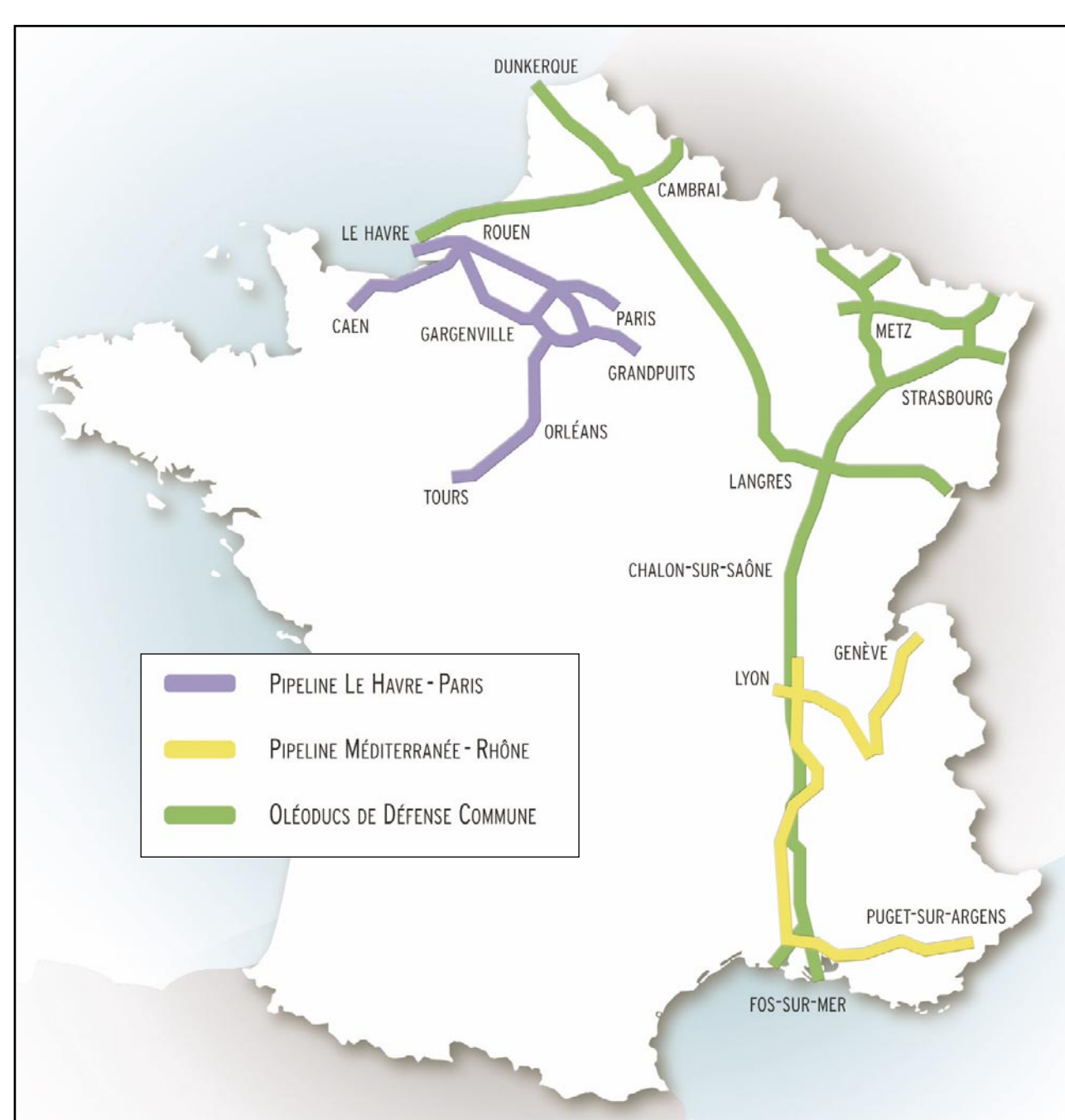
LHP network

- 1,375 kilometres of trunklines between Normandy and Paris Region, divided into 4 main lines, and 3 branches
- 29 pumping stations, 26 terminals
- 10 tank farms
- 20 million tons of products carried per year

Pipeline Méditerranée-Rhône

(owned by Société du Pipeline Méditerranée – Rhône)

- 760 kilometres of main lines divides into 4 branches
- 17 pumping stations, 10 terminals
- 3 tank farms
- 10 million tons of products carried per year



Pipeline networks operated by TRAPIL

The French section of NATO's Central Europe Pipeline Network

- 2,560 kilometres of main lines
- 44 pumping stations, 31 terminals and tank farms
- 4 million tons of products carried per year

Current issues

- Pipeline Integrity Management
- Implementation of French Pipeline Regulation:
 - Pipeline safety
 - Land use planning
 - Third-party activities
 - Operation in protected areas (Natura 2000, ...)
- Start-up of distillation unit to re-process transmix
- Development of a proprietary in-line combo inspection tool: detection and measurement of cracks, metal losses and geometric defects in a single run



Gonfreville pumping station



Transmix processing unit



Mitry-Mory tanks