



**No.1** INDEPENDENT  
CONSTRUCTION GROUP **IN France**

PPP EXPERIENCE

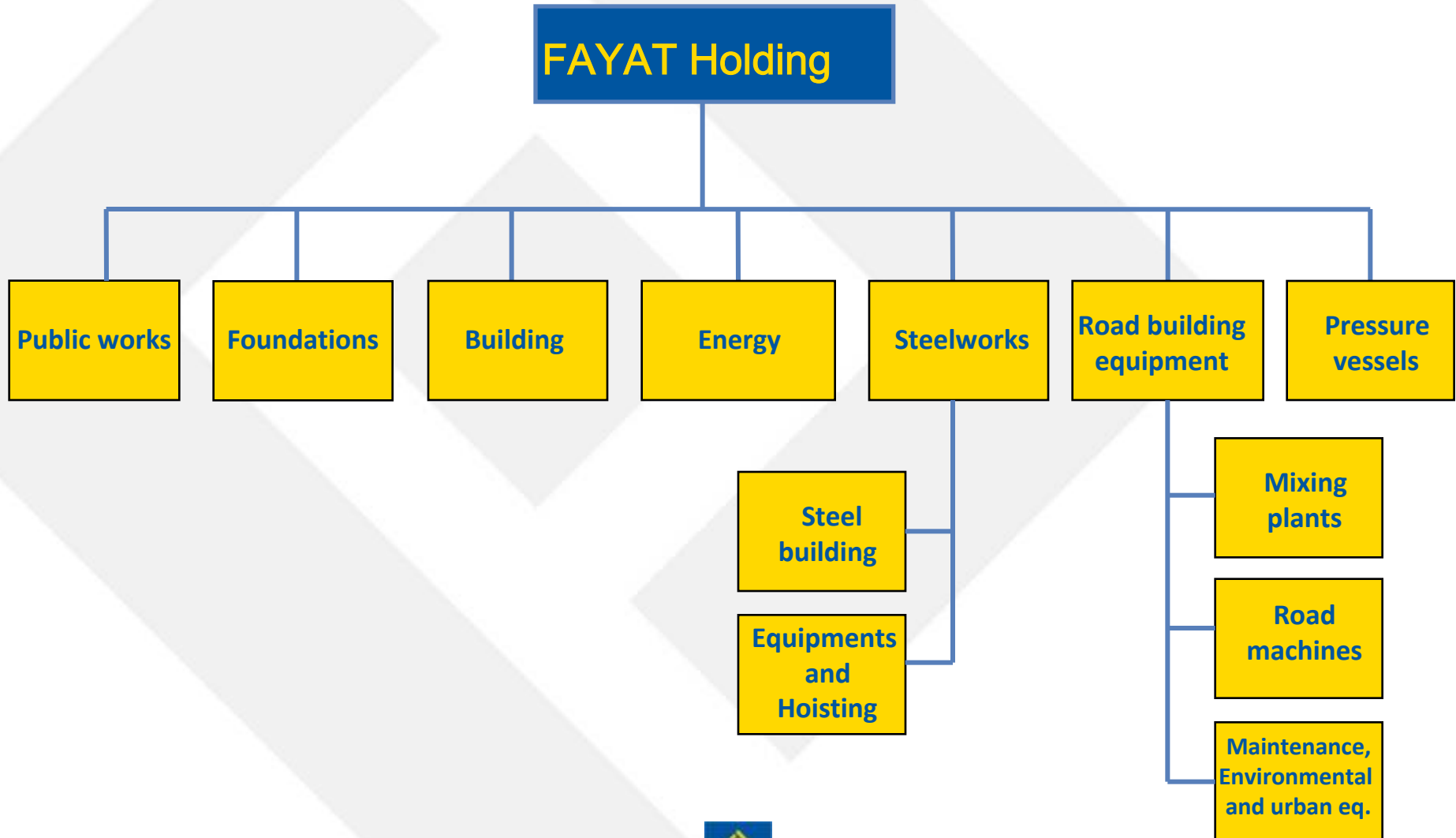
# **A French family-owned group with international scope**

- **Founded in 1957 in the Bordeaux region by Clément FAYAT**  
**President: Jean-Claude FAYAT**  
**General Manager: Laurent FAYAT**
- **International, 100 % independent Group**
- **Highly diversified, the Group's 7 core businesses are:**
  - **Public works and Foundations**
  - **Construction**
  - **Steelworks**
  - **Energy services**
  - **Road building equipment**
  - **Handling and hoisting equipment**
  - **Pressure vessels**

**FAYAT, a presence in 120  
countries**



# An organisation with 7 major core businesses

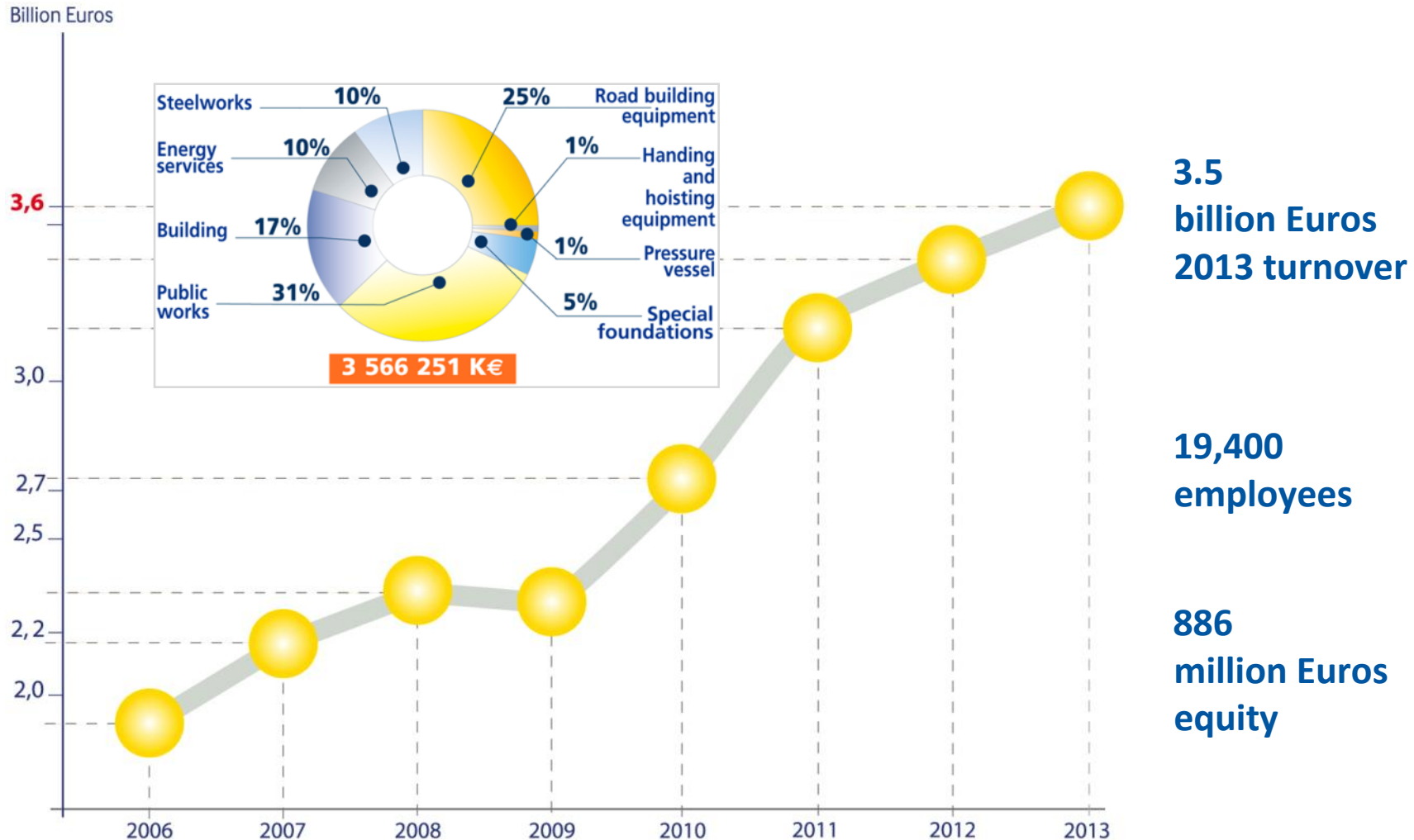


# Worldwide presence



Subsidiaries in all the major economic capitals in the world

# FAYAT's continuous growth in figures



# The benefits of PPP project

## Wide intervention fields for PPP projects

- *Real form of public commission per se, by the order of 17 June 2004* covering all areas of construction (public works, building, electrical construction, road construction)
- PPP projects also involve *all public actors* (State, Municipalities, Towns' Communities, Department, Region, public institutions ...), the only limit being budgetary and financial.
- The future operator may be involved at the stage of design / build in optimizing operations

# The benefits of PPP project

## In PPP consultation and awarding procedures

- *Dialog* phases allow to present optimizations and understand the expectations of the Public Client (unlike the concessions of Public Service Delegation)
- *The bids instruction is more thorough than in public contracts* and involves often external advisors (lawyers, financial advisors, Assistant to the Project Owner) in a process of collective decision
- Long-term contract, PPP project *establishes the concept of partnership* and thus facilitates a relationship of trust and mutual respect between the parties

# The benefits of PPP project for construction companies

## In the implementation phase and execution of works

- *Objectives, performance and risk transfer of the company are clearly displayed in contracts and can hardly be questioned then;*
- The partnership requires a regular dialogue between the parties, *which facilitates to find solutions quickly* and is essential in the construction industry.
- PPP project involves *any type of public facilities* (road, public transport, health care, security, military equipment, sports, universities and school buildings)

# A promising future for PPP project

## At the international, movement of funds in favor of PPP

- Development in Europe, North America, South America, Australia, Asia and Africa ...
- The PPP project fully complies with the performance objectives of the public good, while smoothing the budget constraint of the cost in the contract period, and limits the use of debt.
- It enhances the principle, pretty universally shared, that the private sector, if it is placed "under constraints and under control", can manage a number of services, more efficient than the public sector.

# NOUAKCHOTT DRINKING WATER SUPPLY IN MAUTITANIA



*As part of the market of water transfer from the Senegal River to supply water to Nouakchott, RAZEL performs all work in the trenches, tracks and platforms. The design of the project was expected to produce 170 000 m<sup>3</sup> of water per day to meet demand until 2020. Arrangements were already planned to bring production to 226 000 m<sup>3</sup> per day.*

## **Contract :**

- |                   |                      |
|-------------------|----------------------|
| • Owner:          | SNDE                 |
| • Engineer :      | Lehmayer/Studi       |
| • Start of works: | June 2007            |
| • End of works:   | March 2010           |
| • Total amount :  | 203 000 000 Euros HT |
| • RAZEL share:    | 30 000 000 Euros     |

## **Characteristics :**

- Purification station and water supply in city .
- Realization of 2 transfer of raw water pipes (2 \* DN 1100 - 6 km) from the water intake Aftout on the river to the treatment works Beni Nadji, and a transfer line of clarified water (DN 1400 - 169 km) from Beni Nadji to the works of Nouakchott PK 17.
- Construction of a dyke in area of settlement, supporting the track, the drainage system, standard works, works of sectioning and the crossing of Diallo and Bras-Mort rivers and 7 anti-ram tanks associated with the adduction.
- The dyke in clay, 5 km long, 25 m wide and 5 m high is located in a marshy compressible area, often flooded, generating significant land subsidence problems.

# WASTE WATER TREATMENT PLANT LE HAVRE - FRANCE



*Demolition of the existing treatment plant of Le Havre dating from 1968 and construction of a new station which fulfills, in particular, the European requirements relating to the treatment of nitrogen and phosphorus.*

*This plant will treat wastewater for 400,000 equivalents /dweller, with processing rates of 2 m<sup>3</sup>/s in dry weather, 6 m<sup>3</sup>/s in wet weather and a pumping capacity of 12 m<sup>3</sup>/s*

## **Contract :**

- Owner Communauté de l' agglomération havraise
- Engineer Cabinet Merlin
- Starting date April 2007
- Completion date October 2011
- Contract value 75 467 889 Euros HT

## **Characteristics :**

Construction of the new station while maintaining the old station under operation .

- Station made up of basins "cyclors" with sequential operation.
- The eight basins (each one 50\*50 m) are built on 2 levels, which makes it possible to build the new station close to the existing station.
- Demolition of the existing station after swing of water.



# KOUDIAT ACERDOUNE DAM IN ALGERIA



*In the region of Lakhdaria, construction of a gravity type dam roller compacted (RCC) for supplying drinking water to parts of Kerrad (800 000 inhabitants), and Lower and Isser Mitidja East for irrigation of farmland.*

## **Contract :**

- Owner : ANBT (Agence Nationale des Barrages et

## **Transferts)**

- Financing : BAD
- Engineer : ANBT
- Engineering: Coyne & Bellier
- Start of works : August 2002
- End of works : September 2008
- Total amount : 280 000 000 Euros HT

## **Characteristics :**

- Realization of a gravity dam, straight, roller compacted concrete (RCC), based on a bedrock schist-marl.
- With a height of 121 m, 492 ml long and 134 m wide at the base, it will be one of the twenty highest RCC dam in the world achieved to date. It includes:
  - A spillway free threshold with a width of 130 ml
  - A bottom outlet composed of 2 openings in reinforced concrete (2 x 64 m<sup>2</sup>)
  - An intake tower at 5 intakes, height 75 ml

