

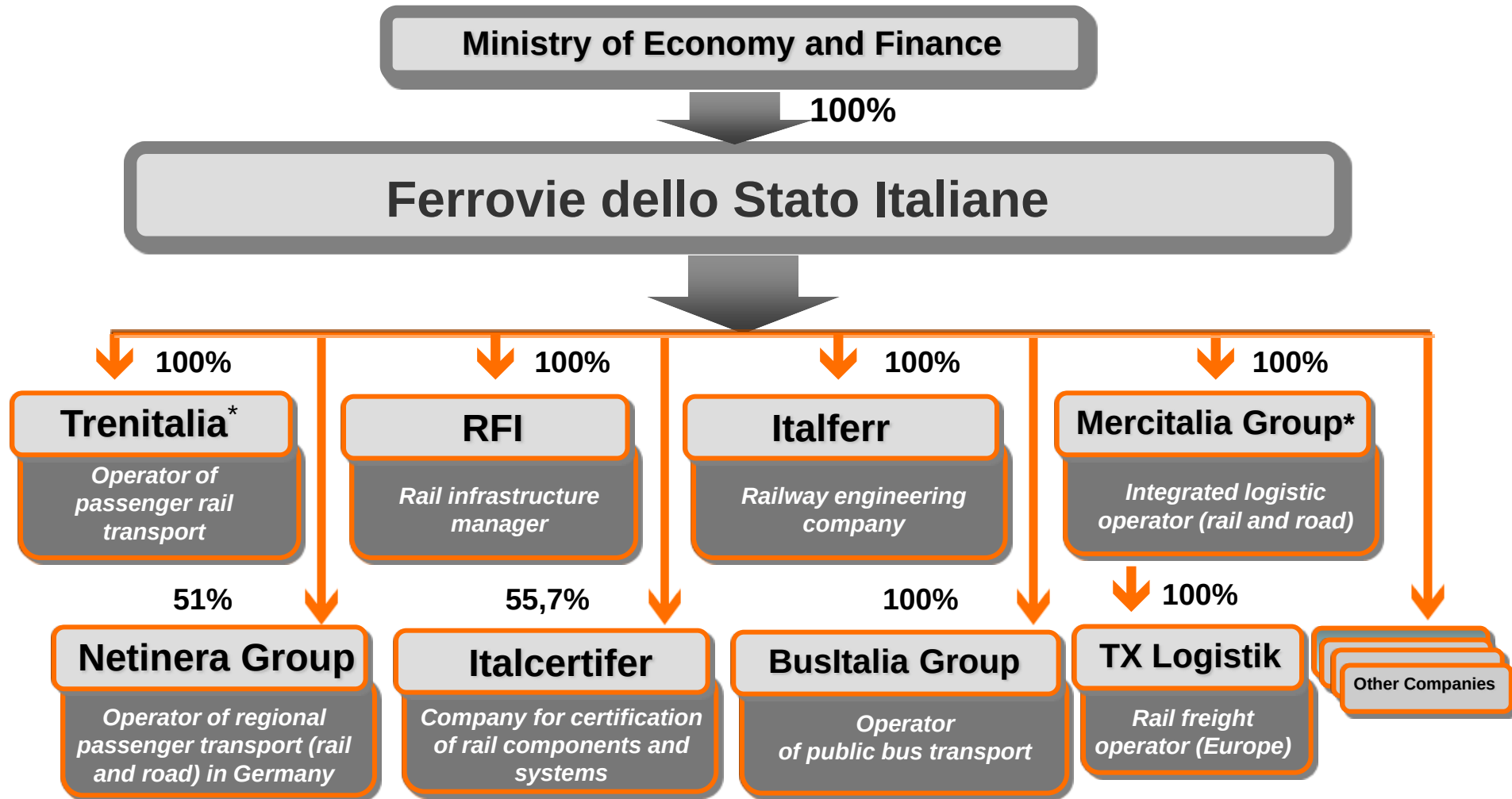


# Ferrovie dello Stato

GRUPPO FERROVIE DELLO STATO ITALIANE

# Ferrovie dello Stato Italiane Group

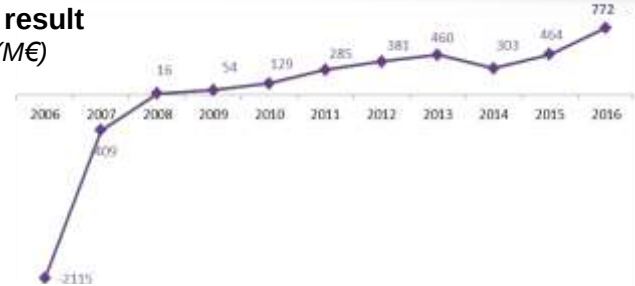
## Organizational structure



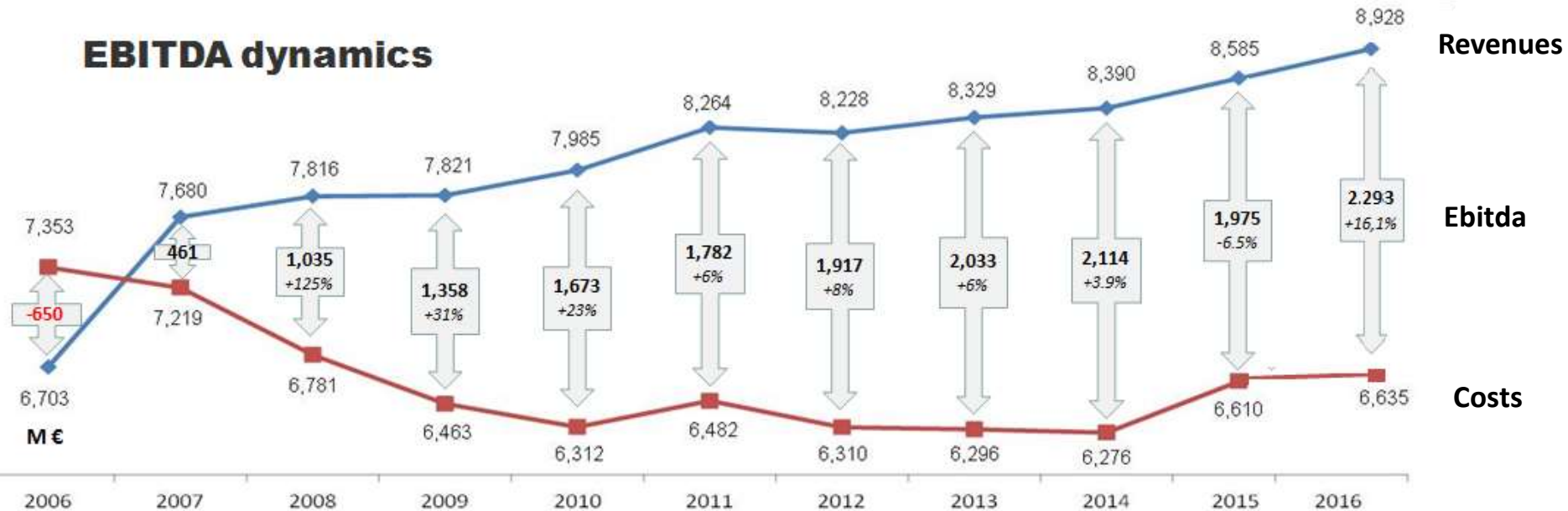
# FS Italiane Group - Key figures 2016

- ✓ Revenues **8,928 M€**
- ✓ Revenue share in foreign markets **12.8 %**
- ✓ Staff (employees) **70,180**

Net result  
(M€)



## EBITDA dynamics



**Ferrovie dello Stato Italiane Group**  
contributes approximately to 2% of the Italian GDP

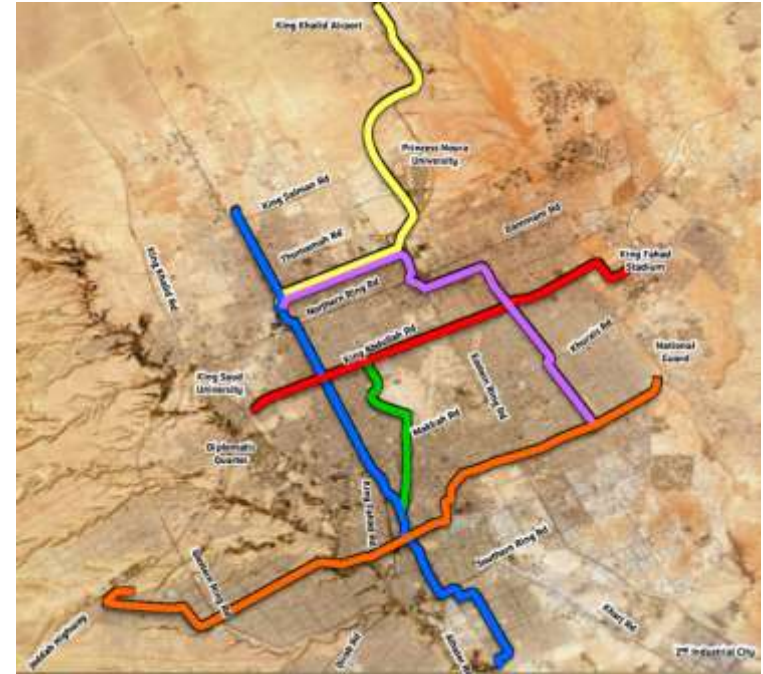
# FS Group's main international services & products

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- ❑ **Turnkey solutions** for railway sector development, through the role of **General Contractor** with the **financial support** of the Italian System (SACE, CDP, SIMEST and commercial banks)
- ❑ Partnership within consortia for **DBOT** or **PPP** for railway projects
- ❑ Preparation of **feasibility studies** for infrastructure and transport systems, environmental and archaeological studies and projects, implementation of the environmental monitoring activities
- ❑ **Preliminary**, final and construction **designs** for civil infrastructure and technological systems
- ❑ **Supervision** of construction and works
- ❑ Tests, **Assessment** and **Certification** of products, systems, and production process
- ❑ **Advisory** and **technical assistance** to Ministries and Agencies for National Transport Master Plans, for **reorganization** and redevelopment of railway companies
- ❑ Tenders / Procurement, Project Management and technical assistance
- ❑ **Operation and Maintenance (O&M)**
- ❑ **ICT** railway systems (ticketing, fleet, performance management, etc.)

# FS Group in KSA Metro Riyadh O&M Project

- 6 lines
- 176 km
- 82 stations
- 7 depots, 5 Operation & Control Centers
- 6 Park & Ride facilities
- Opening hours: 06:00 – 24:00
- Current fleet and transport capacity:  
**470 car trains, 1.2 M passengers / day**
- Ultimate capacity:  
**3.6 M passengers / day**
- **Fully driverless operation**  
(Unattended Train Operation)



# FS Group in KSA metro Riyadh O&M Scope of Work

## ❑ **Transit System Maintenance**

- maintenance of rolling stock
- maintenance of all communication systems, trackside, platform screen doors

## ❑ **Facilities Maintenance ('FM')**

- cleaning of all facilities (stations, depots...) and trains
- maintenance of building facilities (escalators, A/C, MEP...)
- maintenance of civil structures (inspection)

## ❑ **Automatic Fare Collection**



# FS Group in KSA – Metro Riyadh status of the art

- ❑ Tender launched by Al Riyadh Development Authority (ADA ) to provide Operation & Maintenance services for the new Metro in Riyadh. Contract duration is 12 years including 2 year pre-operation phase.
- ❑ FS participated the tender through a fifty-fifty consortium with Ansaldo STS.
- ❑ FS – Ansaldo STS consortium was nominated provisional preferred bidder for package 5 (lines 3, 4, 5, 6) over 50% of the entire network
- ❑ Awarding is expected shortly



# FS Group in KSA – SAR Facility Maintenance

**Facilities Maintenance Services** tender called by **SAR** about railway stations, and all the functional buildings (head quarters, Mosques , depots and workshops on the *North-South Railway* line.



**Contract 1** - 6 stations, Headquarter in Riyadh, 7 Mosques, Hail OCC and workshop, Riyadh depot .

**Contract 2** - N. 13 facilities or maintenance teams «*Track Signal*» (TSMGs) housing included.

**Contract 3** - Nariyah workshop and depot staff housing included

FS participated with its own subsidiary Centostazioni.

Contract duration is 5 year with a break option after 3 years under SAR sole discretion.

Provisional Preferred Bidder nomination awaited soon.

# FS Group in KSA

- ❑ **Preliminary and Detailed Design** double track railway line “**Saudi Landbridge**” a 1.300 km long connection between Red Sea (Jeddah) and all’Arabic Sea (Jubail) done by **Italferr**, from July 2013 to May 2017 contract signed with Public Investment Fund Saudita (PIF) under Saudi Railways Company (SAR) supervision.



- ❑ **Systems certification** of the new Haramain High Speed Rail 444 km long connecting Mecca and medina by **Italcertifer**
- ❑ **Indipendent Checking Engineer** on metro Riyadh line 3 by **Italferr**

# PTA Railway System O&M new tender



- Over 4.000 km of railway line, O&M contract
- Tender release expected in 2018
- PTA under Vision 2030 plan

**Thank You  
for your attention**