



## COMPANY PROFILE

**BTP INFRASTRUTTURE  
HEADQUARTERS**

Via di Torre Rossa, 66 00165 - Rome - Italy  
Phone +39 06 87100888 E-mail:  
btp@btpinfra.it  
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**BRANCH OFFICES**

**BTP INFRASTRUTTURE IRAQ  
BTP INFRASTRUTTURE LIBYA**

**OPERATIONAL OFFICE**

Via Pontaccio, 12 - 20121 - Milan - Italy

JANUARY 2026

## About Us

BTP INFRASTRUTTURE S.p.A. is now focused on the **Design, Construction Supervision, Project & Construction Management** services of the major Infrastructure Projects and EPC Projects for Renewables Energy in Italy and abroad.

1

**BTP INFRASTRUTTURE S.p.A.  
is an International Company**

It operates on behalf of Public and Private Clients in the Engineering, PMC and Site Supervision Services.

2

**BTP INFRASTRUTTURE is:**

- ✓ Flexible
- ✓ Experienced
- ✓ Multi-Sector Specialized

3

**BTP INFRASTRUTTURE S.p.A.**

**Turnover:**

- |                     |                 |
|---------------------|-----------------|
| ✓ In 2023:          | <b>24,7 M €</b> |
| ✓ In 2024:          | <b>36,1 M €</b> |
| ✓ Expected in 2025: | <b>45,0 M €</b> |

# OUR HISTORY



**BTP INFRASTRUTTURE S.p.A.** is an Italian Engineering Company with an experience of more than fifty years in the Design, Construction Supervision and Project & Construction Management services for the Infrastructure, Industrial and Renewable Energy sectors.

**BTP INFRASTRUTTURE** is coming from the demerging of the Italian Company **PROGETTI EUROPA & GLOBAL S.p.A.** (shortly called **PEG**) which **was founded in 1970** and has always operated in two main sectors: "Oil & Gas Plants" (on EPC basis) and "Major Infrastructures", boasting over 50 years' experience of major projects successfully executed.



On May 26th 2021, in consideration of the exponential growth of both sectors in Italy and abroad, **PEG** took the decision to demerge into two different Companies, one dedicated to the development of the "Oil & Gas Division" (briefly called "**PEG Oil & Gas**") and another one dedicated to the "Infrastructure & Renewable Energies Division" (called "**PEG INFRASTRUTTURE**").

All the staff, financial assets, experience, know-how and references gained by **PEG** in the Oil & Gas and Infrastructure sectors converged into the demerged Companies.

On 29 March 2022 **PEG Infrastrutture S.p.A.** changed its name and became **BTP Infrastrutture S.p.A.**



**+50**

Years of experience

**+450**

Realized project

**+70**

Engineers Technicians

## Office locations



Rome



Milan



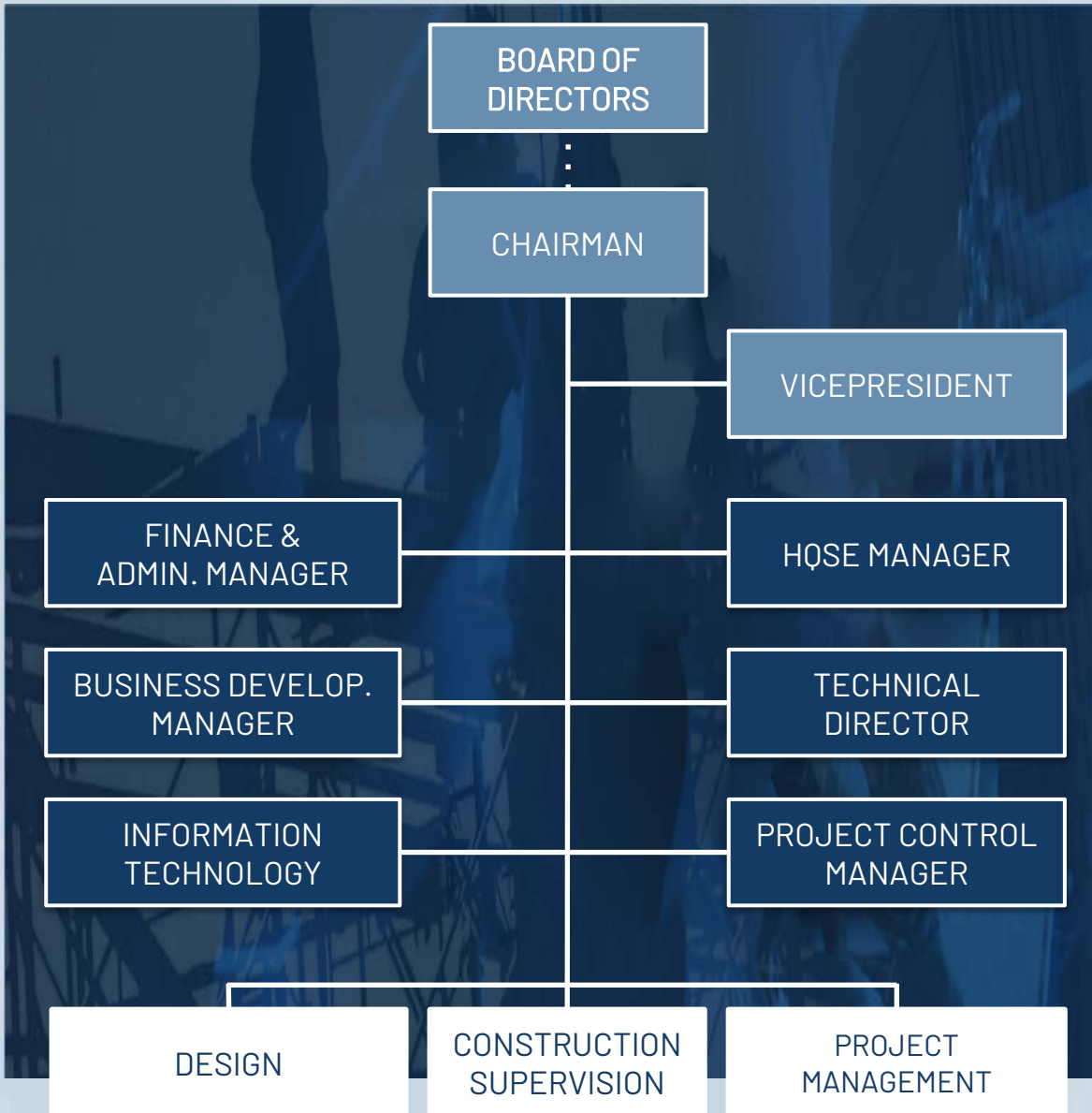
Tripoli



Baghdad

- ✓ BTP INFRASTRUTTURE's Headquarters is located in Rome, Italy
- ✓ Operational office in Milan
- ✓ Presence in Middle Eastern and North African countries
- ✓ BTP INFRASTRUTTURE's Branch offices are opened in Iraq and Libya

# Company Organization



## BTP INFRASTRUTTURE S.p.A. (Rome - ITALY)

Mr. GUIDO BALBO DI VINADIO CHAIRMAN

Mr. BRUNO TROCCA VICE-PRESIDENT

### BOARD OF DIRECTORS:

Mr. GUIDO BALBO DI VINADIO CHAIRMAN

Mr. BENEDETTO LOYOLA BOARD DIRECTOR

Mr. FABRIZIO AVERARDI RIPARI BOARD DIRECTOR

### BUSINESS DEVELOPMENT

Mr. PAOLO TURBOLENTE BUSINESS DEVELOPMENT MANAGER

### TECHNICAL DEPARTMENT

Mr. PAOLO TURBOLENTE TECHNICAL DIRECTOR

Mr. GIOVANNI CESARETTI ENGINEERING MANAGER

Mr. BIL AL ALI PROJECTS DIRECTOR

# The Integrated Management System

BTP INFRASTRUTTURE'S Integrated Management System (HSEQ), ensures the overall compliance of Projects with Norms, Rules and International Standards. The Integrated Management System is certified as follow:



UNI EN ISO 9001:2015

Quality Management System



ISO 14001:2015

Environmental Management System



ISO 45001:2018

Health and Safety Management System



SA 8000:2014

Social Accountability Management System Standard

# Business Lines

## Transportation Engineering

- ✓ Roads & Highway
- ✓ Railways, Subways and Metro
- ✓ Ports
- ✓ Airports



## Civil Engineering

- ✓ Complex Buildings
- ✓ Railway & Metro Stations
- ✓ Hospitals & Sports Facilities



## Power, Renewable Energies and Green Hydrogen

- ✓ Photovoltaic Energy
- ✓ Wind Energy
- ✓ Hydroelectric Energy
- ✓ Green Hydrogen Plant



## Industrial, Water and Waste Treatment Plants

- ✓ Sewage and Drainage Systems
- ✓ Water Treatment
- ✓ Waste Treatment
- ✓ Waste to Energy



# Services

## PRE-FEASIBILITY & FEASIBILITY STUDY

- ✓ Data Collection
- ✓ Socio-economic Study
- ✓ Traffic Study
- ✓ Technical & Financial Study
- ✓ Environmental Study
- ✓ Planning Study
- ✓ Hydraulic Study
- ✓ Cost Benefit Analysis
- ✓ Design basis definition



## DESIGN SERVICES

- ✓ Conceptual Design
- ✓ Preliminary Design
- ✓ Front End Engineering Design (FEED)
- ✓ Detailed Design
- ✓ Construction & Workshop Drawings
- ✓ As Built Design



## PROJECT & CONSTRUCTION MANAGEMENT

- ✓ Engineering Services (Design review, Value engineering)
- ✓ Contract Administration
- ✓ Risks Management
- ✓ Vendors & Contractors Qualifications
- ✓ Tendering
- ✓ Construction Management & Site Supervision
- ✓ Project Control (cost, time)
- ✓ Quality Control & Assurance
- ✓ HSE Control & Assurance (health, safety, environment)
- ✓ Inspection & Expediting
- ✓ Report System
- ✓ Pre-commissioning & Commissioning



## TRAINING

- ✓ Training Strategy
- ✓ Training Materials & Documents
- ✓ Training Program
- ✓ Training on Site
- ✓ Final Testing & Certification





## MAIN REFERENCES



## ROADS & HIGHWAYS



# Roads & Highways

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
ANAS	Italy	Construction of the State Road 626 Valle del Salso -Sicily	Design	In progress
ARST Azienda Regionale Sarda Trasporti	Italy	Railway connection between the Alghero city and Alghero airport, with hydrogen production plant.	Design	In progress
COMUNE DI SASSARI	Italy	Metropolitan connection between the Hub of the intermodal center of Sassari with the city of Porto Torres and its port	Design	In progress
IRR-IRAQI REPUBLIC RAILWAY COMPANY (MINISTRY OF TRANSPORTATION)	Iraq	Consultancy services for the complete study to develop the Iraq Highway sector in conjunction with Grand Faw Port (Al-Faw - Fishkabour (1200 km)	Prefeasibility & Feasibility Studies	Completed
IRR-IRAQI REPUBLIC RAILWAY COMPANY (MINISTRY OF TRANSPORTATION)	Iraq	Consultancy services for the complete study to develop the Iraq Highway sector in conjunction with Grand Faw Port (Al-Faw - Fishkabour 1200 km)	Preliminary Design Detailed Design	In progress
Autostrade per l'Italia S.p.A	Italy	Maintenance interventions of the motorway sections for Autostrade per l'Italia S.p.A and divided by competence of the following trunk directions: Genoa, Milan, Bologna, Florence, Fiano Romano), Cassino, Pescara, Bari, Udine*	Design Review	In progress
Ministry of Transportation of Iraq	Iraq	Al Faw- Umm Qasr Expressway (70 km)	Preliminary Design	Completed
Ministry of Transportation of Iraq	Iraq	Al Faw Industrial Area	Master Plan	Completed
ERMA - Ras Ejdyeer - Emsaad Motorway Authority	Libya	Ras Ejdyer - Emssad Expressway (1,700 kms. In length)	Design Review PMC & Construction Supervision	In progress
Autostrada BRESCIA-VERONA-VICENZA-PADOVA S.p.A.	Italy	Construction of the Superhighway Brescia - Verona - Vicenza - Padova*	Design Review	Completed
Groupement RIZZANI DE ECCHER - ETRHB-SAPTAD'ENTREPRISE	Algeria	Highway Project*	Design Review	In progress
AUTOVIE VENETE S.p.A.	Italy	Modernizing and Upgrade of Superhighway A4 (south ring road between the SS 13 and A28)*	Design Review	Completed
Ghella S.p.A.	Italy	A14 Highway widening: Ancona N-S*	Technical Control	Completed

\*Sister Company's Projects

## Roads & Highway

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
AUTOVIE VENETE S.p.A.	Italy	Modernizing and Upgrade of Superhighway A4 (Highway Junction to Gorizia)*	Design Review	Completed
GHELLA S.p.A.	Haiti	Dajabon - Cap Haitien Road (65 km)	Design	Completed
TURIN AGENCY FOR THE OLIMPIC WINTER GAMES	Italy	Works related to the Olympic Winter Games "Torino 2006": Construction of the bypass road to State Road No. 589*	Design Review	Completed
		Modernization and safety works of State Road No 23*	Design Review	Completed
		Project Control & Project Management services concerning the overall works planned	PMC & Costruction supervision	Completed
ANAS S.p.A.	Italy	Construction of the State Road No 16 (bypass road)*	Design Review	Completed
ANAS S.p.A.	Italy	Construction of the State Road No E- 45 (Orte - Ravenna section)*	Design Review	Completed
ANAS S.p.A.	Italy	Construction of the State Road No 115 (Southwest section)*	Design Review	Completed
ANAS S.p.A.	Italy	Construction Works related to the Construction of several State Roads.*	Design Review	Completed
ANAS S.p.A.	Italy	Construction of the State Road No 220*	Design Review	Completed

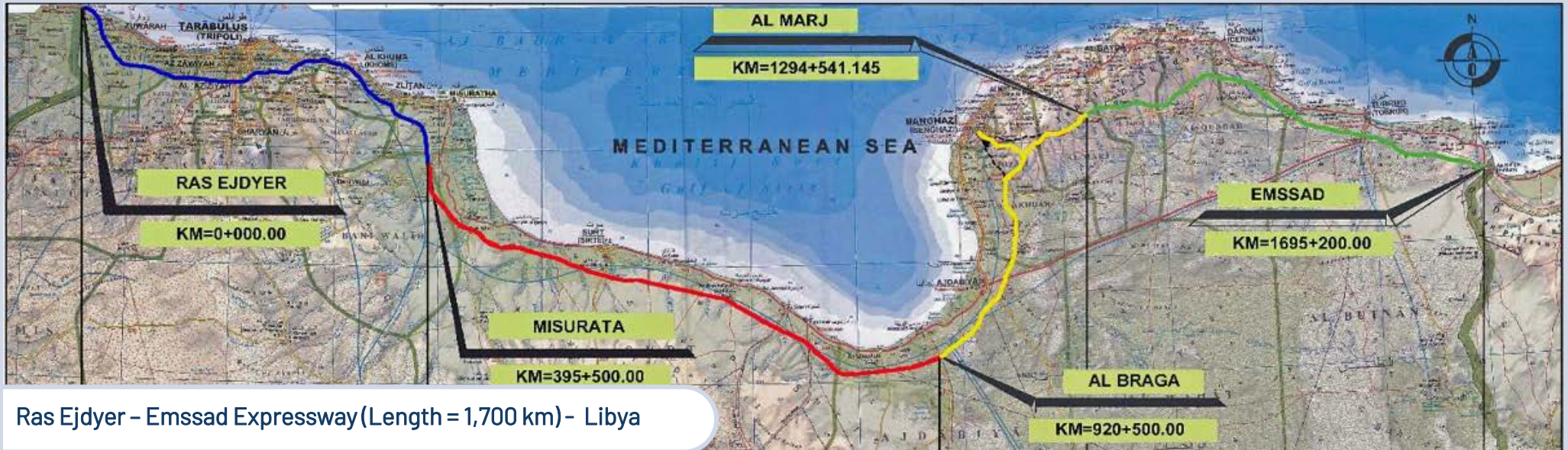
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# Roads & Highway

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
Autostrade Siciliane CONSORTIUM	Italy	Works related to the Highway A20, interventions for the safety of the Tindari and Capo d'Orlando Tunnels*	Design Review	Completed
METRO ENGINEERING S.r.l.	Italy	Construction of the Superhighway Brescia - Bergamo - Milan*	Project Management Design Review	Completed
PEDEMONTANA LOMBARDA S.p.A.	Italy	Construction of the Superhighway*	Project Management Design Review	Completed
Regione Liguria	Italy	Area between Acna Cengio and Millesimo link tollgate	Feasibility Study - Design	Completed
AUTOVIE VENETE S.p.A.	Italy	Modernizing and Upgrade of Superhighway A4*	Design Review	Completed
ANAS S.p.A.	Italy	Murgia - Pollino new road (160 kms.)	Design	Completed
VIANINI LAVORI S.p.A.	Italy	Rome Ring Road GRA, works of adaptation to three lanes*	Design Review	Completed
PIEDMONT ROADS REGIONAL AGENCY	Italy	Urgent works for the construction of a by-pass gallery located below a landslide area*	Design Review	Completed
		Construction of the Regional Road No 23 (two bypass sections)*	Design Review	Completed

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# Roads & Highway



# RAILWAYS, SUBWAYS & METROS



# Railways, Subways & Metros

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
IRR-IRAQI REPUBLIC RAILWAY COMPANY (MINISTRY OF TRANSPORTATION)	Iraq	Rehabilitation of Existing North and South Railway Lines	Feasibility Study and Preliminary Design	In Progress
CITTA' DI TORINO	Italy	Turin's Subway - Line 2 - Rebaudengo - Politecnico functional section*	Design Review	In progress
IRR-IRAQI REPUBLIC RAILWAY COMPANY (MINISTRY OF TRANSPORTATION)	Iraq	Consultancy services for the complete study to develop the Iraq High-Speed Railway in conjunction with Grand Faw Port (Al-Faw - Fishkabour 1200 km)	Prefeasibility & Feasibility Studies	Completed
IRR-IRAQI REPUBLIC RAILWAY COMPANY (MINISTRY OF TRANSPORTATION)	Iraq	Consultancy services for the complete study to develop the Iraq High-Speed Railway in conjunction with Grand Faw Port (Al-Faw - Fishkabour 1200 km)	Preliminary & Detailed Design	In progress
RFI - RETE FERROVIARIA ITALIANA	Italy	New railway connection Bergamo station - Orio al Serio Airport	Design	In progress
FERROVIE NORD MILANO	Italy	Saronno - Como Railway Line Milano - Asso Railway Line*	Design Review	In progress
ENTE AUTONOMO VOLTURNO (EAV)	Italy	Railways Lines and Stations managed by EAV	Project & Construction Management	In progress
FLORENCE MUNICIPALITY	Italy	Light Rail Transit - Florence*	Design Review	In progress
ITALFERR S.p.A.	Saudi Arabia	Saudi Landbridge Railway Project*	Project & Construction Management & Risk Management	Completed
BBT SE-BRENNER BASE TUNNEL	Italy - Germany	Monaco - Verona Railway Axis (Exploratory Tunnel)*	Design Review	Completed

\*Sister Company's Projects

# Railways, Subways & Metros

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
METRO C S.p.A	Italy	New Rome Underground Line C	Design- Construction	Completed
NAPOLI METRO ENGINEERING	Italy	Naples Underground Metro line no. 6	Design	Completed
FREYSSINET SAUDI ARABIA	Saudi Arabia	Riyadh automated people mover system - Track works for PNU project	Design - Construction Supervision	Completed
GRANDI STAZIONI SpA	Italy	Modernization Works of the 13 Most Principal Italian Railways Stations *	Design Review	Completed
METRO C CONSORTIUM	Italy	Construction of the new Metro Line C in Rome. Support to the implementation of the quality system	Project & Construction Management	Completed
METRO CAMPANIA NORDEST S.r.l.	Italy	Modernizing and Upgrade of Secondigliano - Capodichino Railway Line in Naples *	Design Review	Completed
ASM S.p.A.	Italy	Venice's Funicular Railway Construction*	Design Review	Completed
MINISTRY OF INFRASTRUCTURES AND TRANSPORTS	Italy	Catania's Railway Line Extension*	Design Review	Completed
METROPOLITANA MILANESE	Italy	Naples Underground Metro line no. 6	Design - Construction Supervision	Completed

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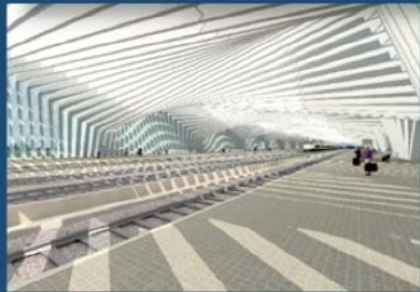
# Railways, Subways & Metros

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
LYON TURIN FERROVIAIRES SAS	Italy, France	New Railway Connection Turin (ITALY) - Lyon (FRANCE)*	Design Review	Completed
ITALFERR S.p.A.	Italy	High Speed Railway System - Rome junction	Engineering - Project & Construction Management	Completed
ITALFERR S.p.A.	Italy	High Speed Railway System - Bologna junction	Engineering - Project & Construction Management	Completed
ITALFERR S.p.A.	Italy	High Speed Railway System - Naples junction	Engineering - Project & Construction Management	Completed
FIAT ENGINEERING	Italy	High Speed Railway System: Turin - Milan line	Design	Completed
ITALFERR S.p.A.	Italy	High Speed Railway System: Rome - Naples line	Engineering - Project & Construction Management	Completed
ITALFERR S.p.A.	Italy	High Speed Railway System: Milan - Verona line	Engineering - Project & Construction Management	Completed
ITALFERR S.p.A.	Italy	High Speed Railway System: Bologna - Florence line	Engineering - Project & Construction Management	Completed
ITALFERR S.p.A.	Italy	Implementation of the Risk Management System	Risk Management	Completed

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# Railways, Subways & Metros

High Speed Railway - Italy



- ✓ Italian High Speed Railway Project (HSR) is a massive undertaking comprising the construction of new High-Speed Network across Italy with more than 1,000 Kms of newly rail track
- ✓ BTP INFRASTRUTTURE (as member of TPLAV consortium) has been entrusted by Italferr (Italian State Railway engineering Firm) as PMC consultant, project control, design review and on-site supervision of railway construction.

# Railways, Subways & Metros

Rome Metro Line C - Italy



- ✓ Rome Metro C is the third, fully automated line that runs 26 kms overall throughout the Ancient City, of which 17 kms underground and 8 kms above ground.
- ✓ Projects include 20 underground stations and 10 on surface.

Naples Metro Line 6 - Italy



- ✓ BTP INFRASTRUTTURE S.p.A has been entrusted with Design, Procurement and Construction of civil works, excavations and MEP installations for two main stations.

# Railways, Subways & Metros



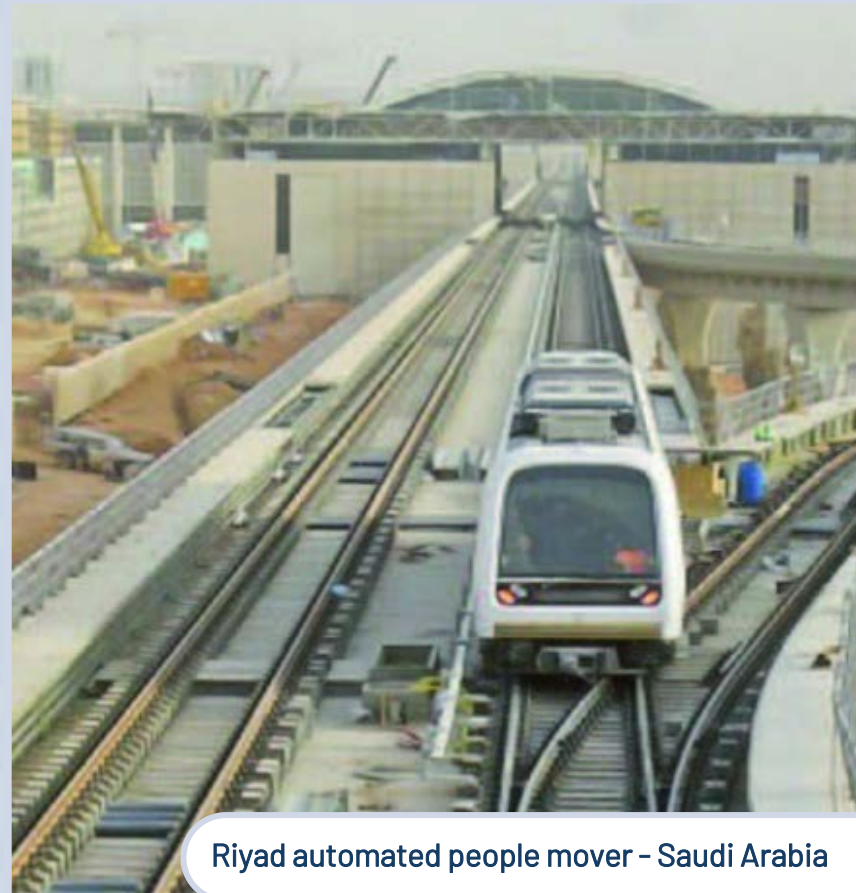
Metro Underground Stations

# Railways, Subways & Metros

BTP INFRASTRUTTURE S.p.A has carried out EPC, Design review and Project Management contracts on major tram projects

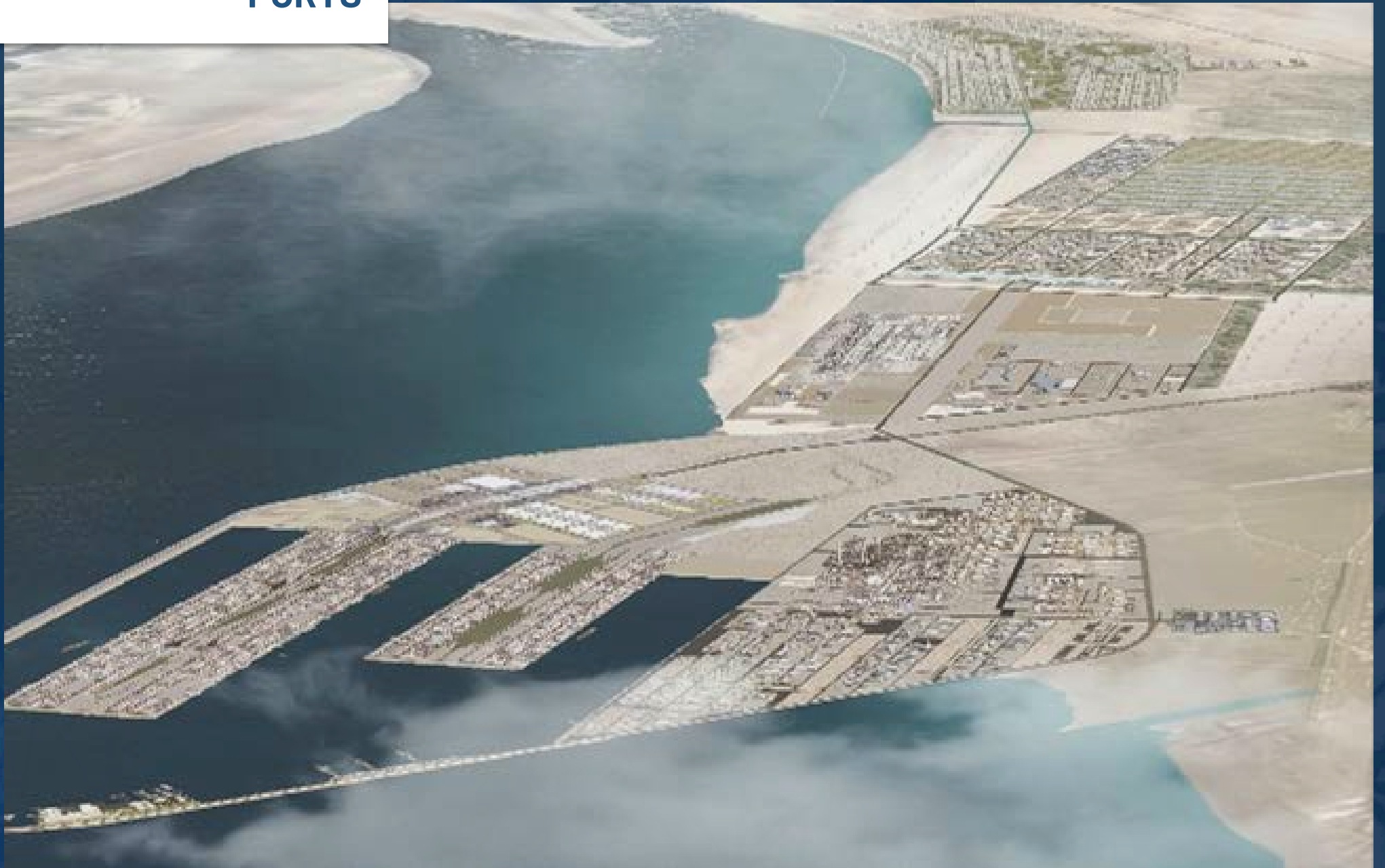


Light Rail Transit Florence - Italy



Riyad automated people mover - Saudi Arabia

# PORTS



# Ports

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
MINISTERO DELLA DIFESA	Italy	Program "Basi Blu" - Engineering Design for the upgrading and modernization works Augusta Navy Base-	Design	In progress
Autorità di Sistema Portuale del Mare di Sicilia Orientale	Italy	Design for the completion of the new Container Terminal of the Commercial Port of Augusta-3rd Phase PORTO	Design	In progress
Autorità di Sistema Portuale del Mare Tirreno Centro-settentrionale	Italy	Technical-economic Feasibility Project" Design of the Commercial Terminal -Civitavecchia	Design	In progress
Autorità di Sistema Portuale del Mare Adriatico Centro-settentrionale	Italy	Construction supervision and Safety Coordination for the construction of the breakwater in protection of FSRU in Ravenna	Construction Supervision	In progress
Autorità di Sistema Portuale del Mare di Sicilia Orientale	Italy	Construction works for the consolidation and replenishment of the armour layer, and the reinforcement and enhancement of the breakwater's head in the port of Catania	Construction Supervision	In progress
Autorità Di Sistema Portuale del Mar di Sardegna	Italy	Construction of the Ro Ro Terminal in the Canal Port of Cagliari	Construction Supervision	In progress
Autorità Di Sistema Portuale del Mar Ionio	Italy	Works for the demolition and reconstruction of the r.c. deck at the San Cataldo - West Side dock.	Design	In progress
Ministero delle Infrastrutture e dei Trasporti - Provveditorato Interregionale alle Opere Pubbliche - Veneto - Trentino Alto Adige - Friuli Venezia Giulia - Sede di Venezia,	Italy	Construction of the West bank section of the West Industrial Canal 'Idromacchine' - Porto Marghera - Venice	Construction Supervision	In progress
		Works for the completion of the North bank of The Lusore-Brentelle canal in Porto Marghera - Venice	Construction Supervision	In progress
Autorità di Sistema Portuale del Mar Ligure Occidentale	Italy	Urban planning of the Genoa and Savona Port including the related Strategic Environmental Assessment procedure (VAS) and the preliminary studies and connected services	Design	In progress

# Ports

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
Autorità di Sistema Portuale Mar Adriatico Meridionale	Italy	MANFREDONIA PORT Maintenance and modernization infrastructure	Design	Completed
Autorità di Sistema Portuale Mar Adriatico Meridionale	Italy	BRINDISI PORT Maintenance and modernization infrastructure	Design	Completed
MINISTERO DELLA DIFESA	Italy	Program "Basi Blu" - Adaptation and Modernization of the logistic support capacities of the bases of the Italian Navy - Naval base of La Spezia	Design	In progress
Taranto PORT AUTHORITY	Italy	Service of technical and operational support for the strategic works of the Port of Taranto.	Project Management	In progress
GCPI - General Company for Ports of Iraq (MINISTRY OF TRANSPORTATION)	Iraq	New AI - Faw Port	Design	In progress
Autorità di Sistema Portuale del Mar Tirreno Centrale	Italy	Framework agreement for the assignment of technical services of planning, Construction Management and design verification, relative to harbour works, roads and railways, upgrading and redevelopment of buildings and environmental sustainability interventions to be implemented in the areas of competence of the Central Tyrrhenian Sea Port System Authority.	Design - Design Review	In progress
SOEMAR	Italy	Works for the construction of the New Intermodal Terminal of the Port of Gioia Tauro*	Design Review	In progress
Autorità di Sistema Portuale del Mar Tirreno Settentrionale	Italy	Maritime defense and dredging works foreseen in the new phase of implementation of the Piattaforma Europea including SIA and VIA*	Design Review	In progress
Taranto PORT AUTHORITY	Italy	Building Design and maritime works of the Port of Taranto*	Design Review	Completed

\*Sister Company's Projects

# Ports

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
MUNICIPALITY of Formia	Italy	Construction of the New Tourist Port of Formia*	Design Review	Completed
Venezia Nuova CONSORTIUM	Italy	MOSE System Project aimed to the control of Tidal Flows*	Technical control	In progress
Napoli PORT AUTHORITY	Italy	Dock and Terminal Adjusting Works*	Design Review Project Management	In progress
MUNICIPALITY of Formia	Italy	Adaptation and safety measures of port facilities for mooring cruise ships*	Design Review	Completed
Ancona PORT AUTHORITY	Italy	Construction of a new quay* & Construction of the Outer Wharf Overwave in the Port of Ancona*	Design Review	Completed
Civitavecchia PORT AUTHORITY	Italy	Construction works for the completion of Commercial Port of Gaeta*	Design Review	Completed
Taranto PORT AUTHORITY	Italy	Dredging works in the Port of Taranto*	Design Review Project Management	Completed
Civitavecchia PORT AUTHORITY	Italy	Reconstruction Works of the docks and construction of the new pedestrian walkway in the narrowing of the Fiumicino Channel*	Design Review	Completed
Trieste PORT AUTHORITY	Italy	Revamping & Upgrading of 3 quay cranes*	Design Review	Completed
MUNICIPALITY of Messina	Italy	Construction of the Tremestieri intermodal logistics platform (including the port of call) in the Messina Port*	Design Review	Completed
Civitavecchia PORT AUTHORITY	Italy	Construction of dock facilities and of ferry dock in the Port of Civitavecchia*	Design Review	Completed

\*Sister Company's Projects

# Ports



# BTP FOR AL FAW'S DEVELOPMENT - IRAQ



# AL FAW'S DEVELOPMENT



AL FAW'S GRAND PORT

1. Tunnel
2. Al Faw's New City
3. Airport
4. Agrifood & Greenhouses
5. Light Industries
6. Dry Port
7. Heavy Industries, Power Plant, Desalination Plant
8. Pumping Station under construction by PEG
9. Refinery & Petrochemical
10. Al Faw's Expansion
11. Grand Port
12. New Road: Al Faw-Um Qasr

## AL FAW'S GRAND PORT

BTP, in compliance with the CONTRACT signed between the MINISTRY OF TRANSPORTATION OF IRAQ and the IECAF Consortium (TECHNITAL, BTP ( ex. PEG), RSG) on 14<sup>th</sup> January 2010, has been providing GCPI with Engineering Consulting Services related to the AL FAW's GRAND PORT, including:

- ✓ Preliminary Design
- ✓ Front End Engineering Design (FEED) & Tender Documents preparation
- ✓ Assistance at Tendering Stage
- ✓ Work Supervision (in progress)

# AL FAW'S DEVELOPMENT

## AL FAW'S PENINSULA

Further the above-mentioned services, BTP has been providing:

### Master Plan of Al Faw's Industrial Area:

- ✓ Identification of main industries
- ✓ Preliminary sizing of industries, utilities & facilities
- ✓ Preliminary sizing of main corridors - roads and utilities - within the Industrial Area

Preliminary Design, FEED & Tender Documents preparation for 50 km of **Main Corridors - Roads and Utilities**, included within the Industrial Area

Preliminary Design for 75 km **Highway Um Qasr-Al Faw Grand Port**

Preliminary Design and FEED & Tender Documents preparation for all plants of the **Tunnel under the Al Khor - Zubair's Channel**



# AL FAW'S DEVELOPMENT

## AL FAW'S GRAND PORT: MAIN FEATURES

### TERMINALS

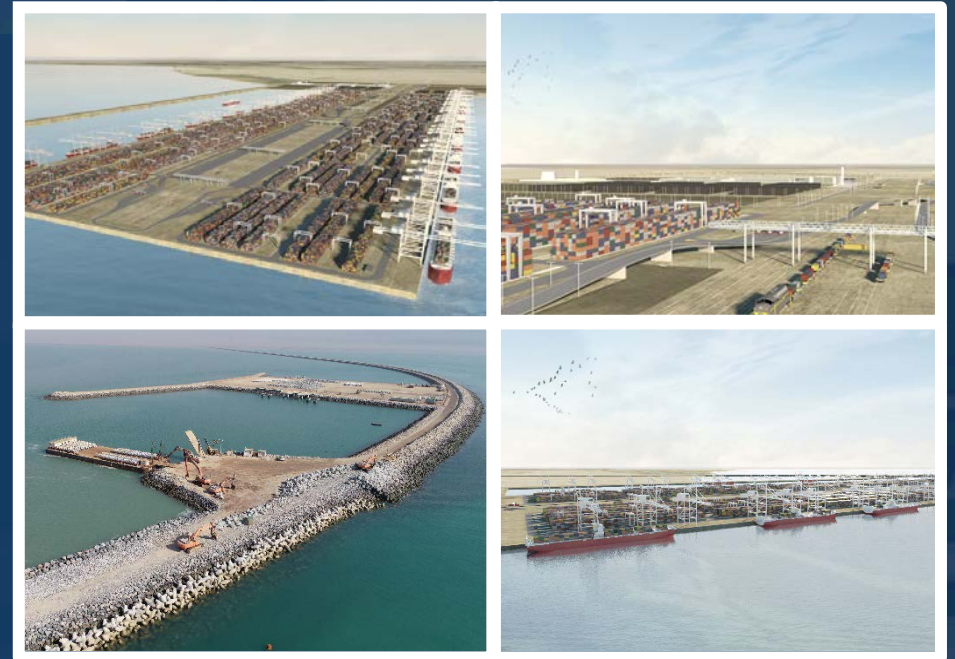
- ✓ Container Terminal: 7 km of quay handling 66M tons/year
- ✓ Bulk Terminal: 3 km of quay handling 33M tons/year

### LAND INFRASTRUCTURE

- ✓ No. 61 Buildings (administrative, warehouses, equipment buildings, shelters, railway buildings) with a total surface of 70.000 m<sup>2</sup>
- ✓ Shelters with a total surface of 14.000 m<sup>2</sup>
- ✓ Fence with a total length of 8 km
- ✓ Roads, railways, parking and green areas with a total surface of 230.000 m<sup>2</sup>

### PLANTS AND SYSTEMS

- ✓ Power Station No.4 Turbo-generators with gas turbine 120 MW each
- ✓ Sea Water intake No.5 Pumps 1.300 m<sup>2</sup>/hr each
- ✓ Desalination plant No.3 Thermal Units 130 m<sup>3</sup>/hr each
- ✓ Fuel Storage System, Electrical and Special Systems, Water Distribution System, Hydraulic Systems, Firefighting System



### TANK FARM AND OIL TERMINAL

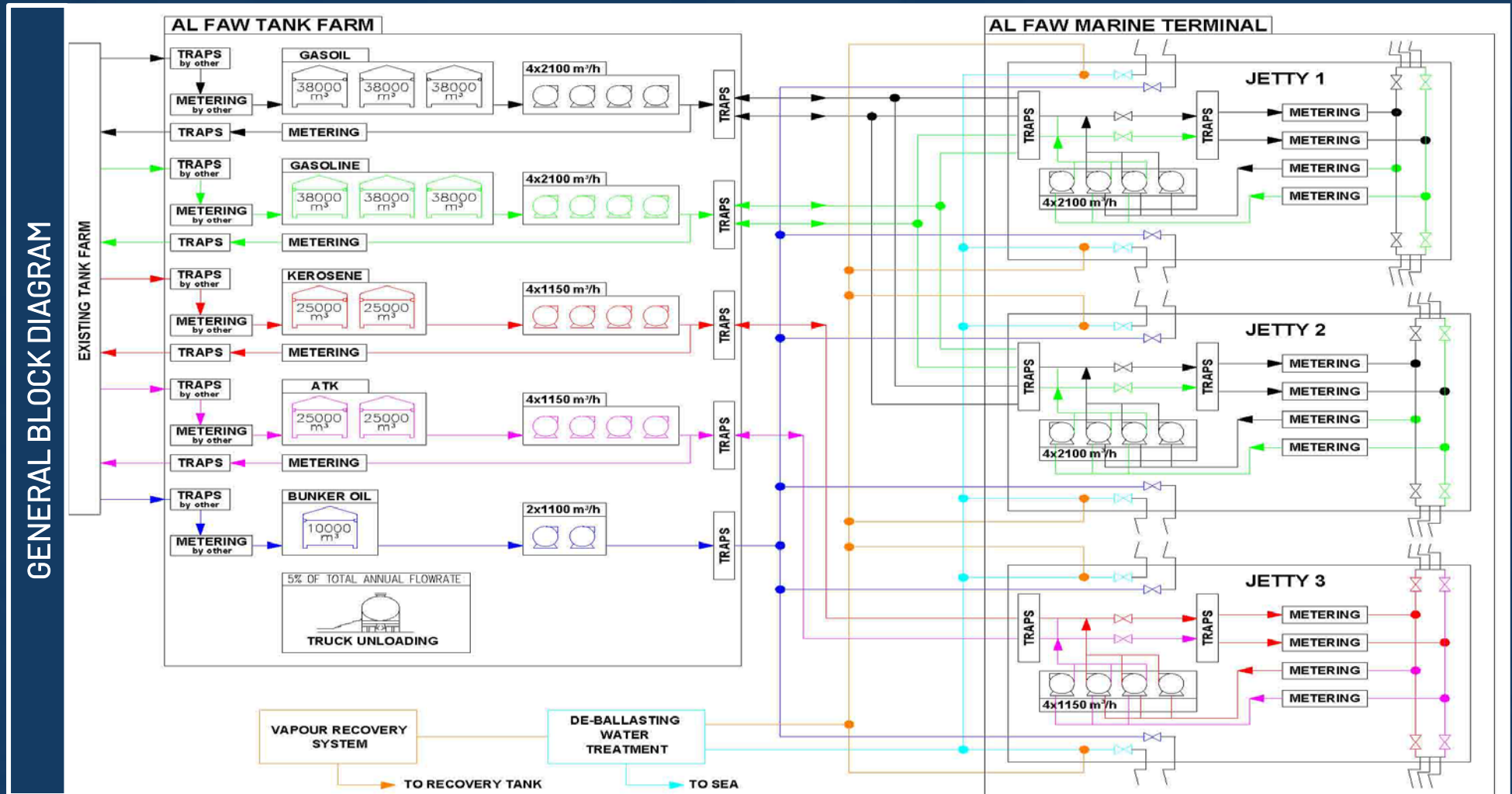
- ✓ **Storage Capacity:** Gasoil No.3 Tanks of 38.000 m<sup>3</sup> each  
Gasoline No.3 Tanks of 38.000 m<sup>3</sup> each  
Kerosene No.2 Tanks of 25.000 m<sup>3</sup> each  
ATK No.2 Tanks of 25.000 m<sup>3</sup> each
- ✓ **Marine Terminal:** N.2 Jetties with 4 berths for Gasoil and Gasoline  
N.1 Jetty with 2 berths for Kerosene and ATK

### NAVY BASE

- ✓ Entrance Building & Access Control
- ✓ Administrative and Operational buildings
- ✓ Military Accommodation Buildings
- ✓ Heliport & Control Building
- ✓ Quay area: long quay for large vessel mooring and piers for smaller vessel berthing

# AL FAW'S DEVELOPMENT

## AL FAW'S GRAND PORT: OIL TERMINAL



# AL FAW'S DEVELOPMENT

## AL FAW PENINSULA MAIN FEATURES



### URBAN DEVELOPMENT

- ✓ New Al Faw's city
- ✓ Al Faw's Expansion

### TERTIARY/COMMERCIAL SERVICES

- ✓ Schools & Hospitals
- ✓ Canteens
- ✓ Shopping Malls
- ✓ Other Private & Public Services

### UTILITIES

- ✓ Power Station
- ✓ Desalination Plant
- ✓ Waste Management
- ✓ Utilities Distribution

### HEAVY INDUSTRIES

- ✓ Steel Making
- ✓ Refinery
- ✓ Petrochemicals

### LIGHT INDUSTRIES

- ✓ Agrifood
- ✓ Textile and clothing
- ✓ Pharmaceutical
- ✓ General machinery & equipment
- ✓ Others

### TRANSPORT LOGISTIC

- ✓ Cargo Airport & Facilities
- ✓ Dry Port
- ✓ Road Network
- ✓ Um Qasr-Al Faw Highway
- ✓ Basra - Al Faw Railway
- ✓ Pipelines

# AIRPORTS



# Airports

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
GESAR S.p.A.	Italy	Works related to expansion of the flight path of the Olbia Aeroporto*	Design Review	In progress
A.D.R. S.p.A.	Italy	Construction of a third Office Tower and a third Hotel inside Fiumicino Airport premises*	Project Management	In progress
A.D.R. S.p.A.	Italy	Elimination / reduction of glare*	Design Review	Completed
A.D.R. S.p.A.	Italy	Airports L. Da Vinci - Rome, C. Colombo - Genova, G.B. Pastine - Ciampino, V. Catullo - Villafranca: Various interventions*	Design Review	Completed
A.D.R. S.p.A.	Italy	Airports Falcone e Borsellino - Palermo, L. Da Vinci - Roma, R. Sanzio - Falconara, G.B. Pastine - Ciampino, Venezia: Various interventions*	Design Review	Completed
A.D.R. S.p.A.	Italy	Bologna, Rome, Ciampino, Lamezia Terme, Falconara, Palermo Airports: Various interventions*	Design Review	Completed
A.D.R. S.p.A.	Italy	L. Da Vinci Airport: "C" dock construction works, yard installations for aircraft, baggage handling system*	Design Review	Completed
S.N.P.E.	French Guyana	Project Ariane II - Launching Ramp*	Design Review	Completed

\*Sister Company's Projects

## BUILDING COMPLEXES



## Building Complexes

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
AGENZIA DEL DEMANIO PUGLIA	Italy	Construction of the Palace of Justice of Bari*	Design Review	In progress
COMUNE DI NAPOLI	Italy	Valorization and urban requalification of the "Reale Albergo dei Poveri" in Naples*	Design Review	In progress
ENAV S.p.A.	Italy	New building to be used as Area Control Center at Milan Linate airport*	Design Review	In progress
ASL di Caserta	Italy	Construction of the New Hospital of Sessa Aurunca*	Design Review	In progress
RAVENNA CIVITAS CRUISE PORT	Italy	New Cruises Terminal in the port of Ravenna*	Design Review	In progress
TSH ERUOPE B.V.	Italy	The new Student hostel in Rome (ex Dogana Area)*	Project Management	In progress
INVESCO per il tramite di un Fondo di KRYALOS	Italy	Ex industrial area in Milan to be transformed into a residential complex*	Due Diligence	Completed
ISTITUTO POLIGRAFICO E ZECCA DELLO STATO SPA	Italy	Renovation works on the former headquarters of the State Mint and Polygraphic Institute in Rome*	Design Review	Completed

# Building Complexes

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
TSH ERUOPE B.V.	Italy	Construction of the New Student hotel in Florence (ex Mirafiore Area)*	Due Diligence	Completed
FABRICA REAL ESTATE SGR	Italy	Construction of the Student Housing*	Project Management Technical control	Completed
FONDAZIONE IRCCS CA' GRANDE OSPEDALE MAGGIORE POLICLINICO (Milan Hospital)	Italy	Re-development of the area of the IRCCS CA Grande Maggiore Policlinico Hospital Foundation in Milan*	Design Review	Completed
ASL TARANTO ( South Italy)	Italy	Martina Franca Hospital*	Design Review	Completed
MINISTRY OF CULTURE-ROYAL MUSEUMSOF TURIN	Italy	Completion works for the Chapel of the Holy Shroud*	Design Review	Completed
LAVAZZA S.p.A.	Italy	Construction of New Headquarters HQ Lavazza*	Project Management - Design Review	Completed
DATA IV	Italy	Construction of No. 2 Data Center Complex*	Design Review - Energy Performance Certificate	Completed
CHANEL COORDINATION SAS	Italy	Chanel New Distribution Center, Milan*	Construction Monitoring & Control - Technical Audits	Completed
Treviso Hospital Agency	Italy	Construction of an emergency and intensive in-patient treatment building*	Design Review	In progress

\*Sister Company's Projects

## Building Complexes

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
Valle d'Aosta New University	Italy	Construction of the Valle d'Aosta New University Center*	Design Review	Completed
ALENIA	Italy	Re-organization of Pomigliano d'Arco Industrial Facilities	Design - Site supervision	Completed
Infrastrutture Lombarde S.p.A.	Italy	Enlargement and requalification works of several Hospitals*	Design Review	Completed
Impresa Rosso (on behalf of JUVENTUS F.C.)	Italy	Construction of the Juventus Football Club New Stadium*	Design Review - Site Inspections -Project Management	Completed
Sviluppo Centro Ostiense SRL	Italy	Redevelopment of the ex-area "Mercati Generali" site (Rome) *	Project Management - Design Review	Completed
TIBURTINO SDO Consortium	Italy	Construction of a new Directional Buildings in Rome*	Project Management - Design Review	Completed
Piedmont Region	Italy	Construction of the New Office Building of the Piedmont Region, Turin*	Design Review	Completed
EUR S.p.A.	Italy	Construction of the New Congress Centre "La Nuvola", Rome	Project management - Design Review	Completed
Lafarge	China-Philippine	Redesign project of a cement factory pre-heater and cooler	Design	Completed

\*Sister Company's Projects

## Building Complexes

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
ALENIA	Italy	New Research and Design Centre Building 29 at Pomigliano D'Arco Factory	Design	Completed
Alcea	Italy	Alcea new office and laboratory building	Design - Procurement - Construction	Completed
ALENIA	Italy	New Building 17, Foggia Factory	Design Site Supervision	Completed
GRANDI STAZIONI S.p.A.	Italy	Functional requalification of the buildings in the Milan and Turin railway stations *	Design Review	Completed
Turin Agency for the Olympic Winter Games 2006	Italy	Construction of the BIT Media Village	Project management Design Review	Completed
INTERPORTO CAMPANO	Italy	Revamping and upgrading of Nola Interport	Design	Completed
CIS - Centro Ingresso Sviluppo Campania	Italy	Facility Management Services of the Shopping Center: maintenance, cleaning, greenery, fire prevention and safety (500,000 sq m covered, 300,000 sq m of greenery, 400,000 sq m of parking, 40 km of roads);	Facility Management	Completed
GRANDI STAZIONI S.p.A.	Italy	Upgrading of the building complex of Italy's 13 main Railway Stations*	Project Management & Design Review	Completed

\*Sister Company's Projects

# Building Complexes

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
University of Catania	Italy	New University Hospital of St. Sofia in Catania - Construction of 2 buildings *	Design Review	Completed
Piedmont Region	Italy	General renovation of the Hospital of Chieri*	Design Review	Completed
Bio.con. S.p.A.	Italy	Calabritto Material Recovery Facility	Design	Completed
Finmeccanica	Italy	Taranto Factory - New Building	Design - Procurement - Construction	Completed
ALITALIA	Italy	Alitalia Fiumicino Airport Facilities: Office building	Design	Completed

\*Sister Company's Projects

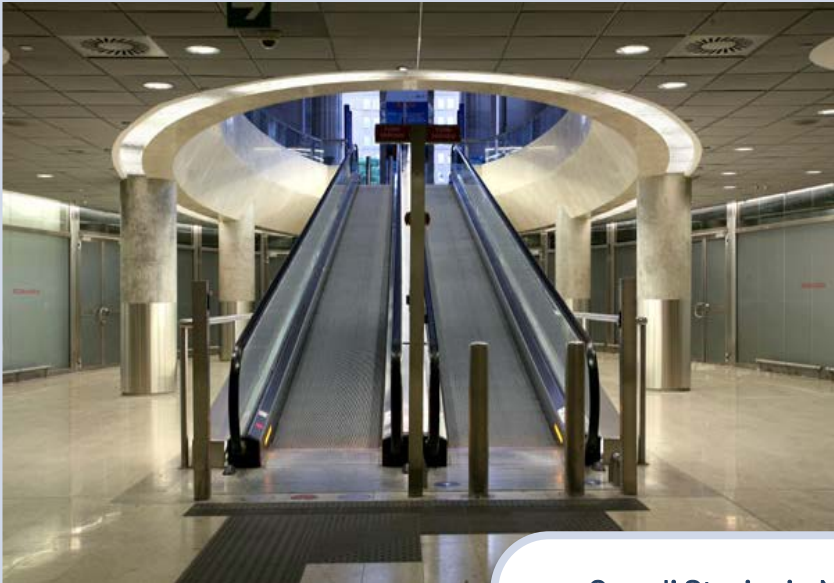
# Building Complexes



University of Naples Federico II -  
New Student Campus - Italy



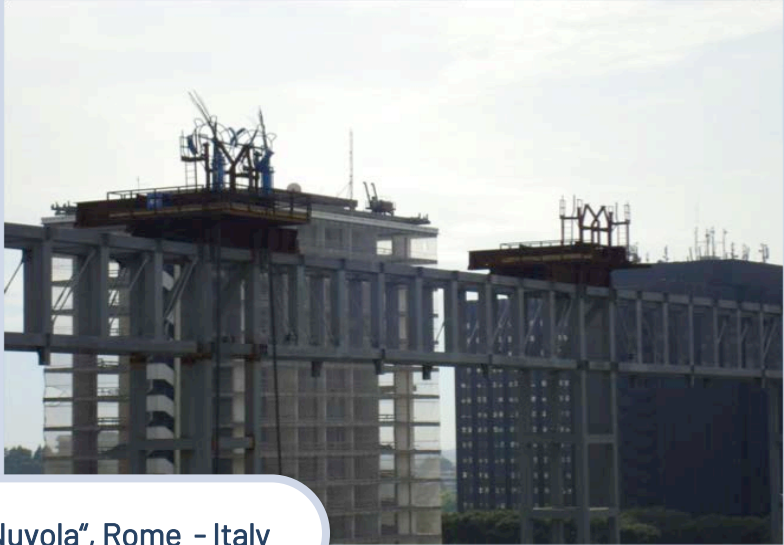
# Building Complexes



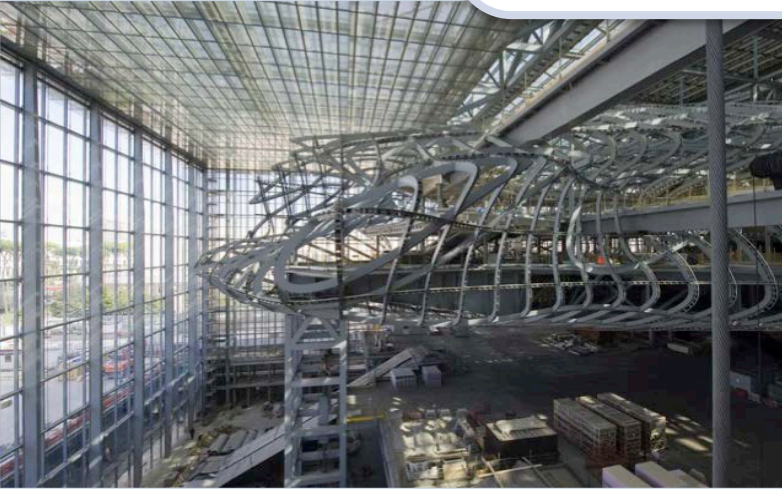
Grandi Stazioni - Milan Railway Station - Italy



# Building Complexes



New Congress Centre "La Nuvola", Rome - Italy



**POWER, RENEWABLE ENERGIES & GREEN HYDROGEN**



# Power, Renewable Energies & Green Hydrogen

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
ENEL Produzione S.p.A.	Italy	Engineering, procurement, construction (EPC) Turn-Key Contract for the hydrogen production plant BRINDISI GREE NHYDROGEN	Engineering, procurement, construction (EPC) Turn-Key Contract	Ongoing
FERROVIE NORD S.p.A.	Italy	Engineering, procurement, construction and commissioning (EPCC) for the hydrogen production and distribution plant for refueling hydrogen trains in Municip. of Edolo and full service maintenance (Capacity = 5 MW)	EPCC Engineering, procurement, construction and commissioning	Ongoing
Beyfin S.p.A.	Italy	Construction of a green hydrogen refueling station for light and heavy vehicles	Basic & Detailed Design & Construction Supervision	Ongoing
ARST Azienda Regionale Sarda Trasporti	Italy	Railway connection between the Alghero city and Alghero airport, with hydrogen production plant (Capacity = 4 MW)	Feasibility Study & Preliminary Design	Completed
FOTOSOLARE Srl	Italy	Construction Photovoltaic Assets (total 3 MWp), Villacidro, Sardinia*	Design check	Completed
SCHNEIDER ELECTRIC	Italy	Construction of a Photovoltaic Assets (45 MWp) Brindisi*	Commissioning Supervision & Assistance	Completed
SOLAREOLICA Srl (EDF Group)	Italy	Construction Photovoltaic Assets (13,5 and 6,7 MWp), Priolo Augusta, Sicily*	Design Check- Construction - PM Supp	Completed
SCHNEIDER ELECTRIC	Italy	Construction of a Photovoltaic Assets (15 MWp) Rome*	Commissioning Supervision & Assistance	Completed
SOLAREOLICA Srl (EDF Group)	Italy	Construction of a Photovoltaic Assets (45 MWp) Venice*	Design Check, Supplies QC, Construction QC, Commissioning Supp.	Completed
BONORWA WIND ENERGY (EDF Group)	Italy	Construction of a Wind Farm (No. 35 Aerogenerators), Sassari*	Design Check - PM Supp. - Supplies'expediting & inspection	Completed
SOLAREOLICA Srl (EDF Group)	Italy	Construction Photovoltaic Assets (total 2 MWp), S. Pietro Vernotico*	Design check	Completed
FRI - EL CAMPIDANO Srl (EDF Group)	Italy	Construction of a Wind Farm (N. 34 Aerogenerators), Campidano, Sardinia*	Design Check - PM Supp. - Supplies'expediting & inspection	Completed

# Power, Renewable Energies & Green Hydrogen

## HYDROGEN PRODUCTION AND SUPPLY CHAIN

### Production

- ✓ Renewable energy to power up the Green Hydrogen Production Plant
- ✓ Electrolyzer Technology
- ✓ Compression of the Green Hydrogen



### Storage and Distribution

- ✓ Hydrogen Storage
- ✓ Hydrogen distribution through underground pipelines or cylinders



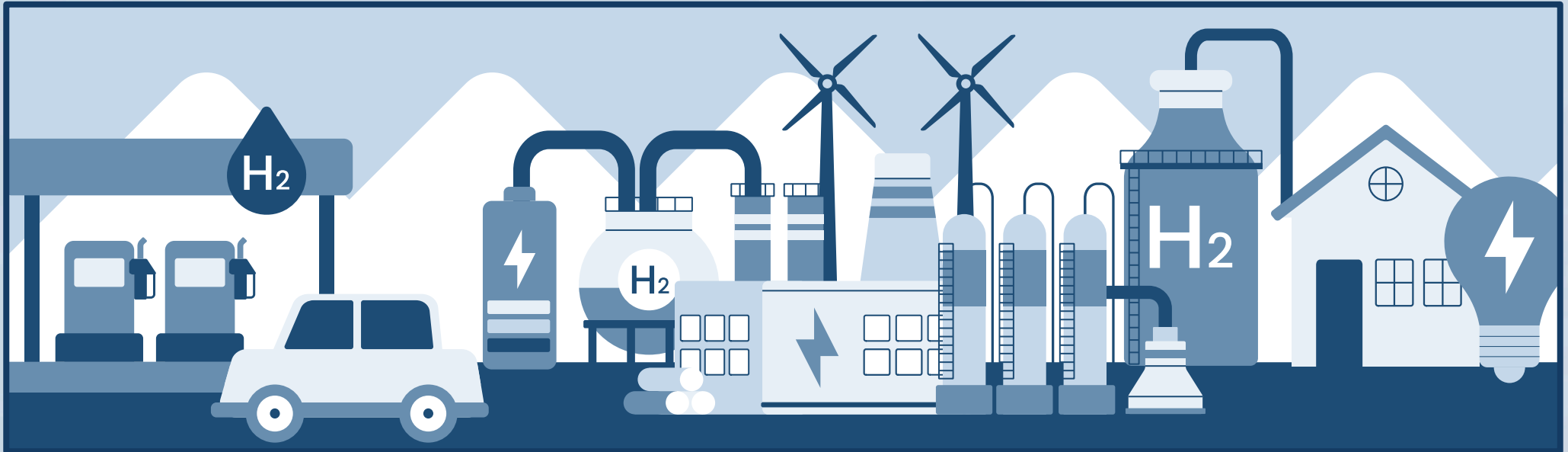
### Users

- ✓ Refuelling station for FCEVs (cars, buses, boats, material handling vehicles and other vehicles)
- ✓ Public Transport
- ✓ Industries
- ✓ Ports
- ✓ Injection in the national gas grid



# Power, Renewable Energies & Green Hydrogen

## GREEN HYDROGEN PLANTS - BTP'S PROPRIETARY DESIGN



### 1÷5 MW PLANT

Small scale hydrogen valleys and small industrial production facilities for:

- ✓ MOBILITY (CARS, BUSES, NAVAL, PORTS, PUBLIC TRANSPORT ETC.)
- ✓ SMALL INDUSTRIAL USERS

### 10÷20 MW PLANT

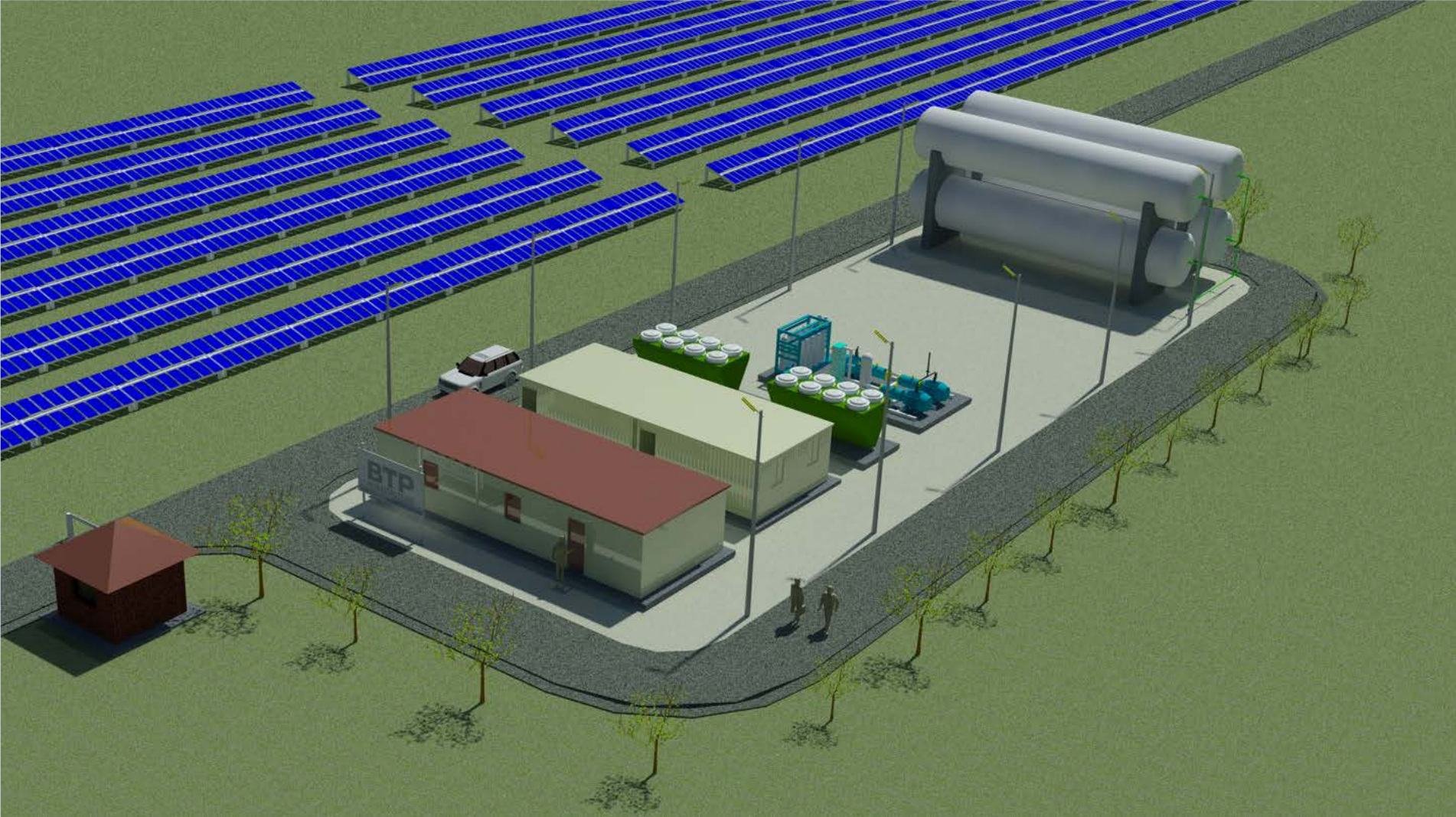
Industrial plants and large scale hydrogen valleys for:

- ✓ MOBILITY (CARS, BUSES, NAVAL, PORTS, PUBLIC TRANSPORT ETC.)
- ✓ INDUSTRIES
- ✓ NATIONAL GAS GRID INJECTION
- ✓ EXPORT (ONSHORE & OFFSHORE)

\*Other plant sizes may be considered based on customer needs

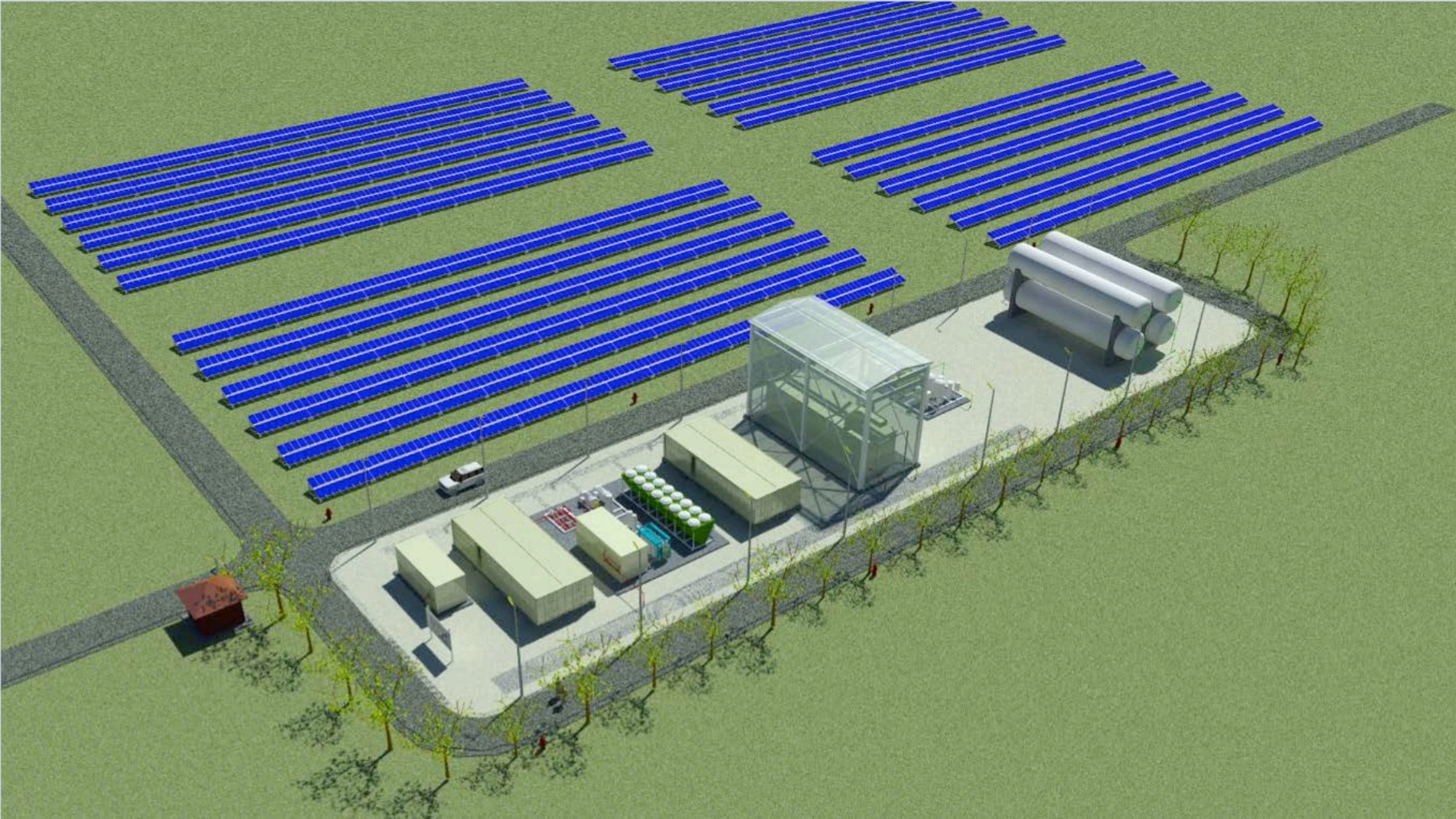
# Power, Renewable Energies & Green Hydrogen

GREEN HYDROGEN PRODUCTION PLANTS (5 MW) - BTP's PROPRIETARY DESIGN



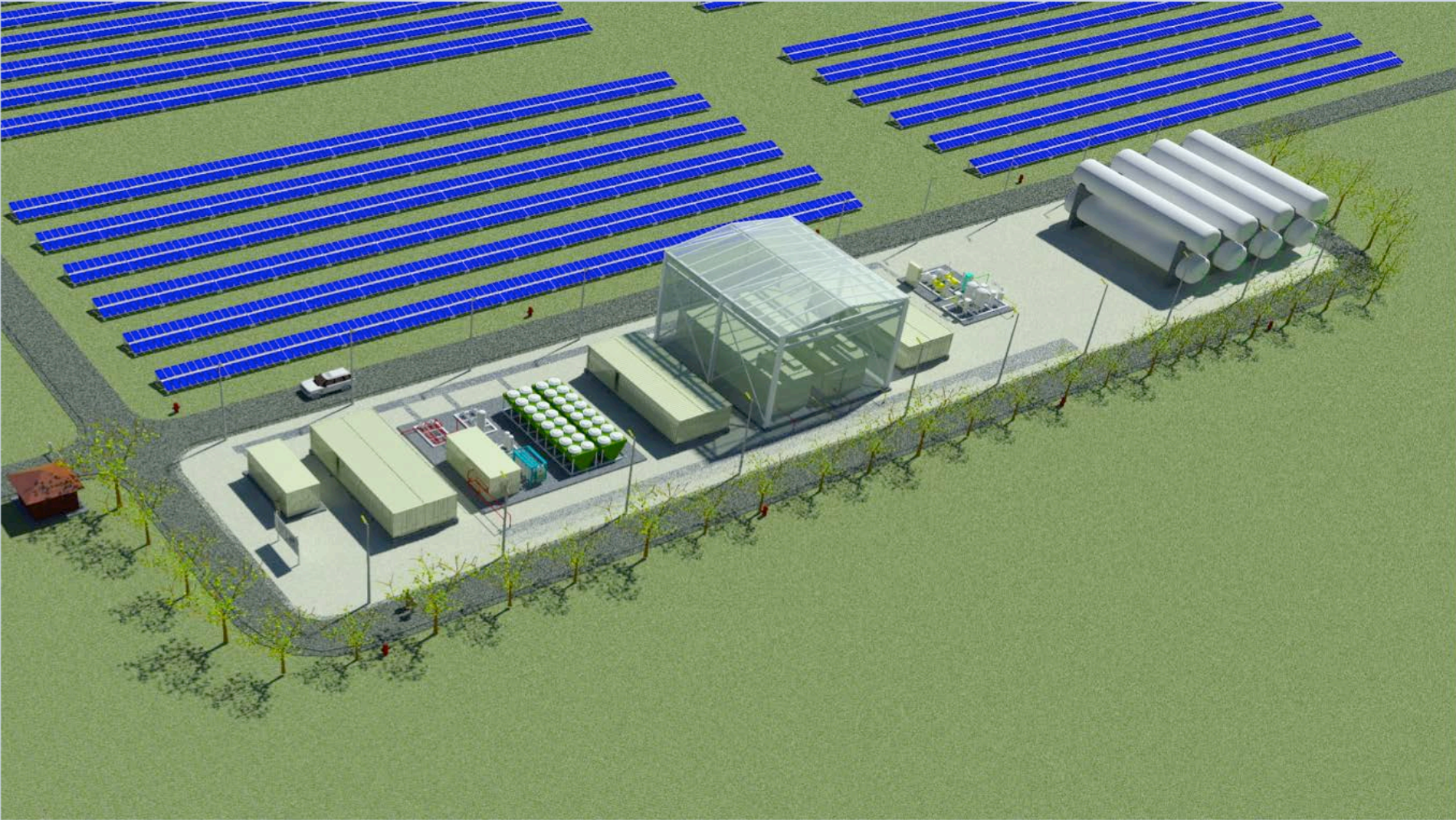
# Power, Renewable Energies & Green Hydrogen

GREEN HYDROGEN PRODUCTION PLANTS (10 MW) – BTP's PROPRIETARY DESIGN



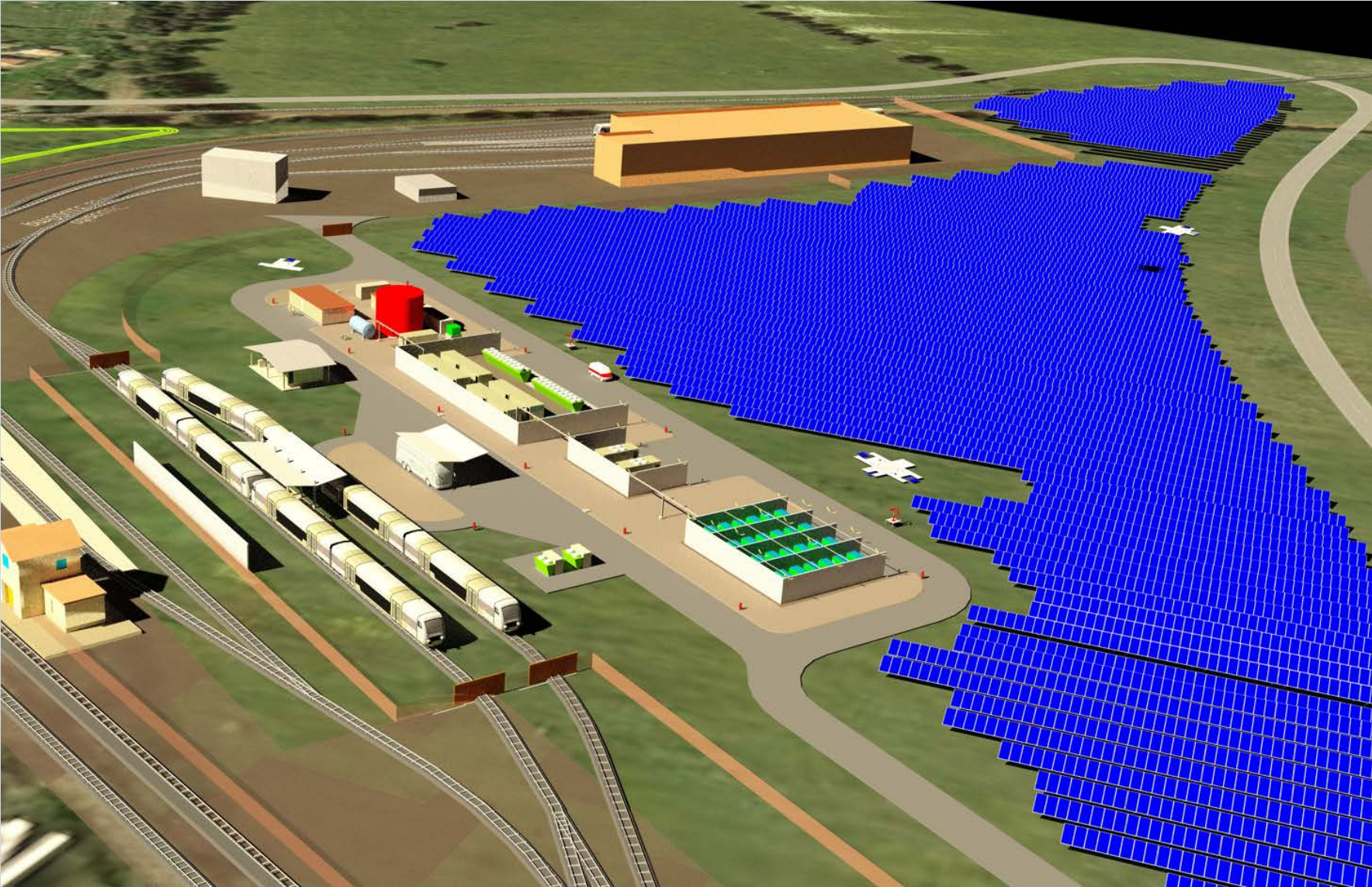
# Power, Renewable Energies & Green Hydrogen

GREEN HYDROGEN PRODUCTION PLANTS (20 MW) - BTP's PROPRIETARY DESIGN



# Power, Renewable Energies & Green Hydrogen

GREEN HYDROGEN PRODUCTION PLANT FOR ALGHERO RAILWAY (Plant Capacity = 4 MW)



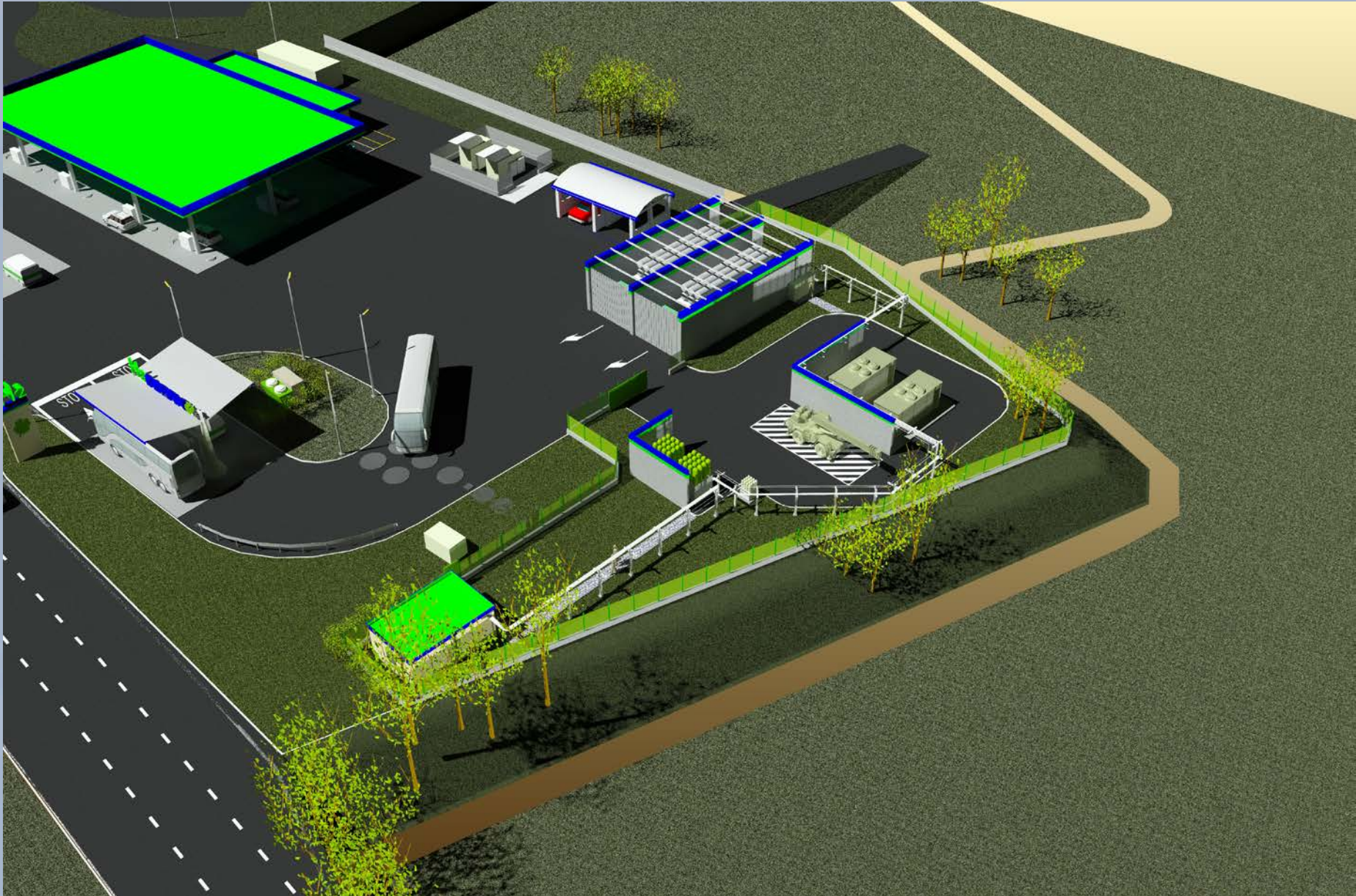
# Power, Renewable Energies & Green Hydrogen

GREEN HYDROGEN PRODUCTION PLANTS FOR REFUELLING HYDROGEN TRAINS (Plant Capacity = 5 MW)



# Power, Renewable Energies & Green Hydrogen

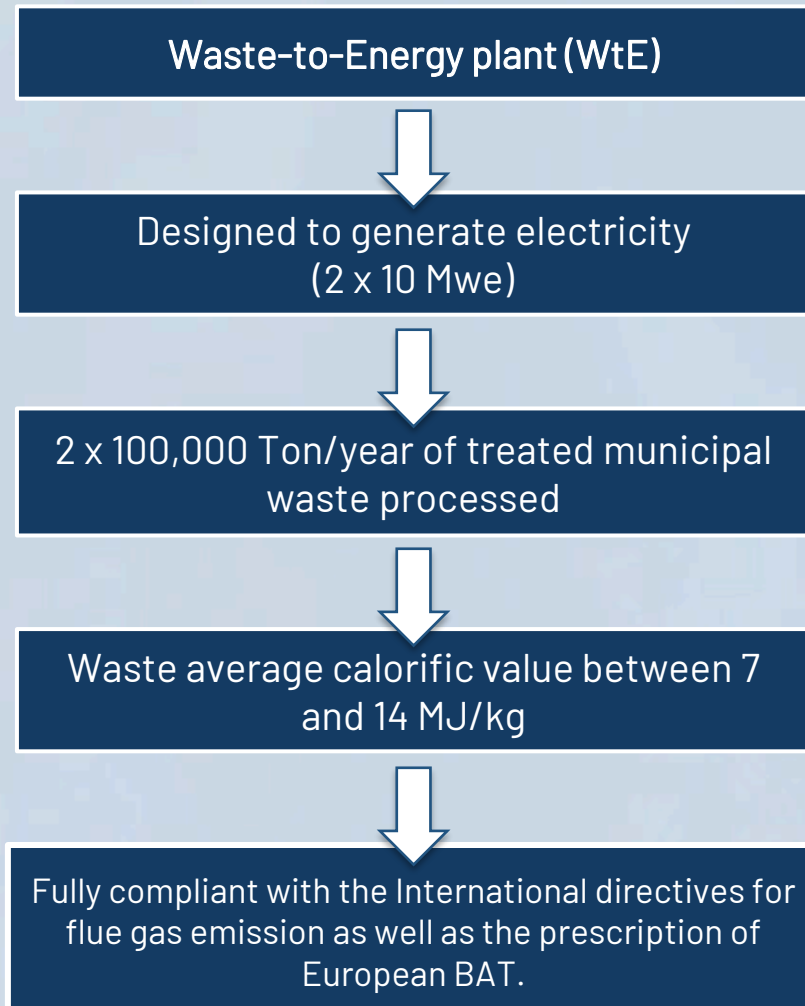
## GREEN HYDROGEN REFUELING STATION FOR LIGHT AND HEAVY VEHICLES



# INDUSTRIAL, WATER AND WASTE TREATMENT PLANTS



# Industrial, Water And Waste Treatment Plants



## MAJOR ADVANTAGES TO INSTALL A WTE PLANT

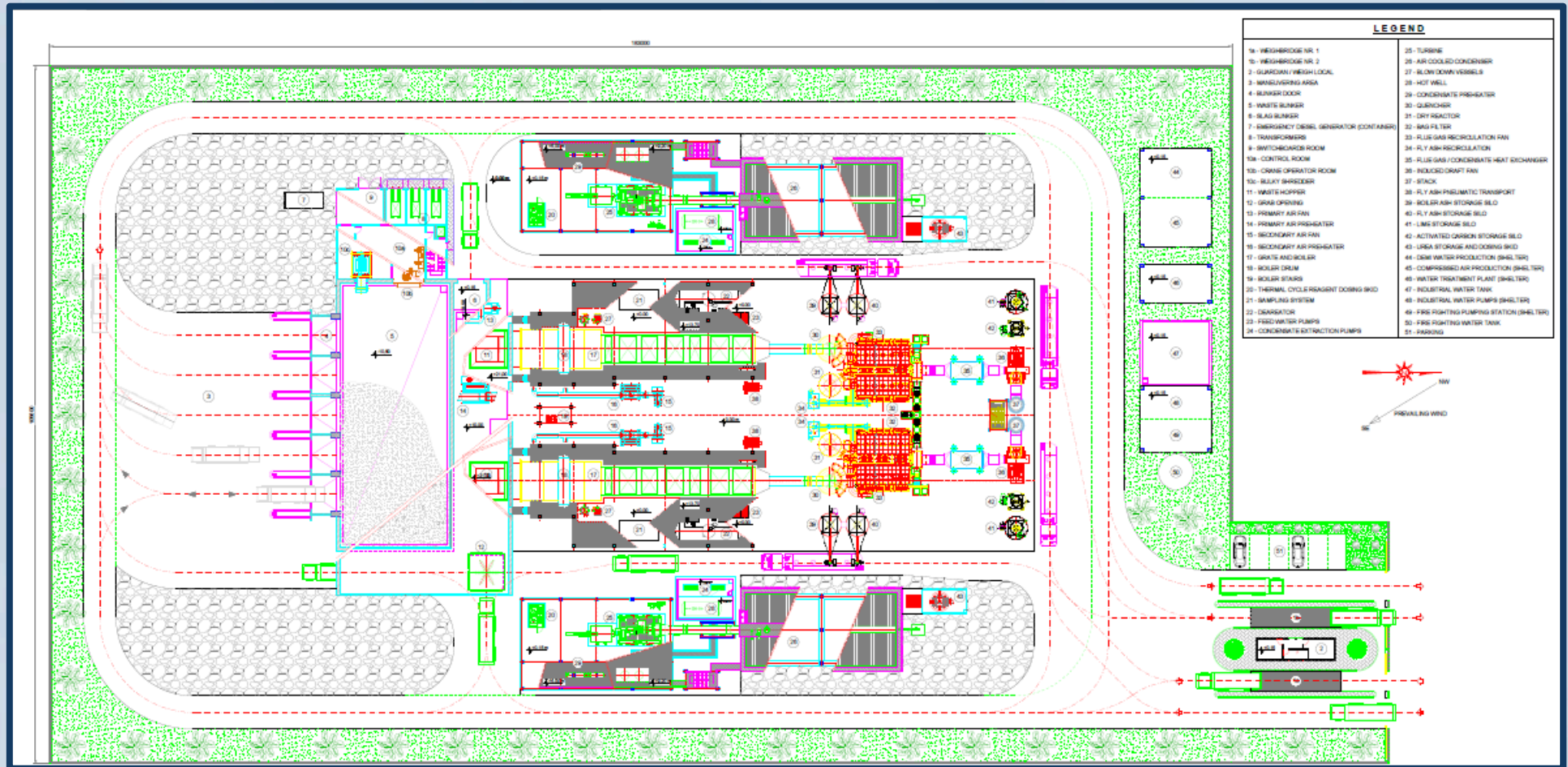
The installation of an eco-sustainable Waste To Energy Plant will provide the following "indirect benefits":

1. General protection of the environment (soil, water, air, ...etc.) from the potential pollutants and contamination caused by urban waste
2. Mitigation of the environmental impact especially due to non-biodegradable waste (such as plastic)
3. Preservation of the National natural resources (water and soil) from contaminant and pollution
4. Improvement of the public health and reduction of health diseases caused by pollutants spread in the air, water and soil, due to the better environmental conditions
5. General reduction of the National health expenses
6. Increase of the employment rate, due to the potential job opportunities in the waste management & recycling systems (technical & non-technical laborers)
7. Reduce the volume of materials to be disposed in landfills and the required landfill capacity
8. Recovering waste materials and making them usable in a parallel market

A comprehensive review of the entire waste cycle, built around a **Waste-to-Energy Plant** and involving several "production" factors (recycling, energy production, reduction of costs and landfill volumes), as well as various **Ecological and Environmental benefits**, would bring great advantages in both economic and environmental terms, leading the country to implement an efficient and modern circular economy process.

# Industrial, Water And Waste Treatment Plants

## WASTE to energy plant



Plant FUNCTIONAL LAYOUT (2 x 100,000 Tons/year Capacity)



## BTP INFRASTRUTTURE HEADQUARTERS

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