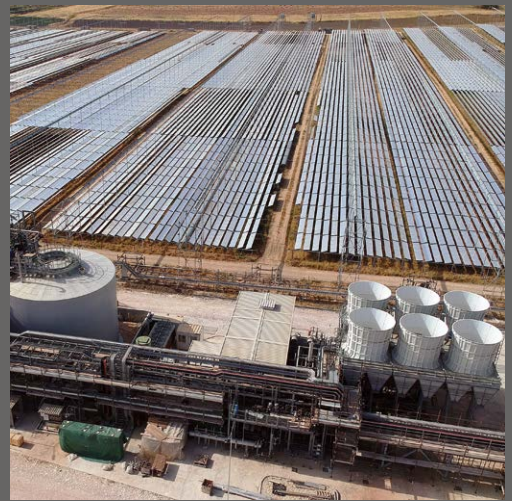


# DESIGN THE FUTURE TODAY



**FATA**  
Part of Danieli Group

# FATA IS A REPUTABLE EPC COMPANY WITH WORLDWIDE EXPERIENCE IN DIVERSIFIED INDUSTRIAL PROJECTS

**Renewables/CSP** Plants  
**Mining & Metals** Plants

Conventional **Thermal Power** Plants  
**Diversified** Plants

## PROFILE

**FATA SpA**, established in Turin (Italy) in 1936 as a manufacturing facility, is today a leading provider of high added value services in various fields of industry, able to meet customer's demand in the implementation of large and complex industrial projects, with customized engineering solutions on a Turn-Key EPC (Engineering, Procurement and Construction) basis.

FATA SpA is part of **DANIELI Group**, a worldwide leader in delivering steel, aluminium and other non-ferrous metal plants. The Group's yearly revenues is about 3Billion euro with +9,000 Employees worldwide.



## MISSION & VISION

Our mission is to create value for our Customers, our shareholders and our employees with a strong and prevalent commitment with respect to:

- Health & Safety
- Environmental laws, regulations and good practices
- Social Sustainability for the local communities.

**FATA operates worldwide in the following business sectors:**

- Power Generation (Renewables & Fossil)
- Mining & Metals
- Chemical Industry
- Oil & Gas
- Industrial infrastructure and facilities.

## WHAT WE DO

Besides the outstanding capability in engineering and construction, based on over 50 years of experience, in delivering customized, sustainable and environmentally consistent industrial projects, we have developed strong experience in providing turnkey solutions from feasibility studies up to commercial operation.

- Project development, including feasibility study, technology and plant concept
- Provision of financial support to projects (project financing, structured financing, syndicated international loans, etc.)
- Definition of technology, optimum plant design criteria and environmental impact
- Engineering, procurement and project management
- Construction, commissioning and start-up, from site geological surveys up to complete installation and to Commercial Operation.
- Customer Staff training and management support.



# POWER GENERATION COMBUSTION PLANTS

We believe that reliable and stable power generation is the key driver for sustainable economic growth of each Country in the World. Whether located in mature or growing markets, FATA is committed to engineering conventional generation plants by applying the most efficiency technology in order to optimize the usage of natural resources.

FATA has proven experience in providing Engineering, Procurement and Construction services in:

- **Gas Fired Open Cycle:** This power plant configuration includes a Gas Turbine or Engine, fed by fuel to produce only electricity and usually operates as «Peaker Power Producer» when it is necessary to supply electricity to the grid on demand or balance the renewables energy supply
- **Gas Fired Combined Cycle:** This power plant configuration comprises a Gas Turbine coupled to a Heat Recovery Steam Generator to produce superheated steam fed to a Steam Turbine to produce more electricity or simply to co-generate heating power, as for example in «District Heating plants». These plants are usually operated continuously.
- **Biomass Power Plant:** Biomass could be an important source of energy where available. It is estimated that approximately 90% of domestic energy consumption in rural areas can be derived from biomass such as fuel wood, agricultural residues (e.g. rice straw and husks) and charcoal. Moreover, biomass fuel is also an important source of energy for small industries located mainly in rural areas.
- **Waste to Energy:** Usually this power plant is made to burn urban and industrial waste to produce electricity. The waste is fed in a boiler to produce superheated steam in turn fed to a Steam Turbine to produce electricity.

## OUR LATEST PROJECTS



EL-TO Zagreb Power Plant



OSTIGLIA Combined Cycle Power Plant



MONFALCONE Power Plant



METAENERGIA Power Plant

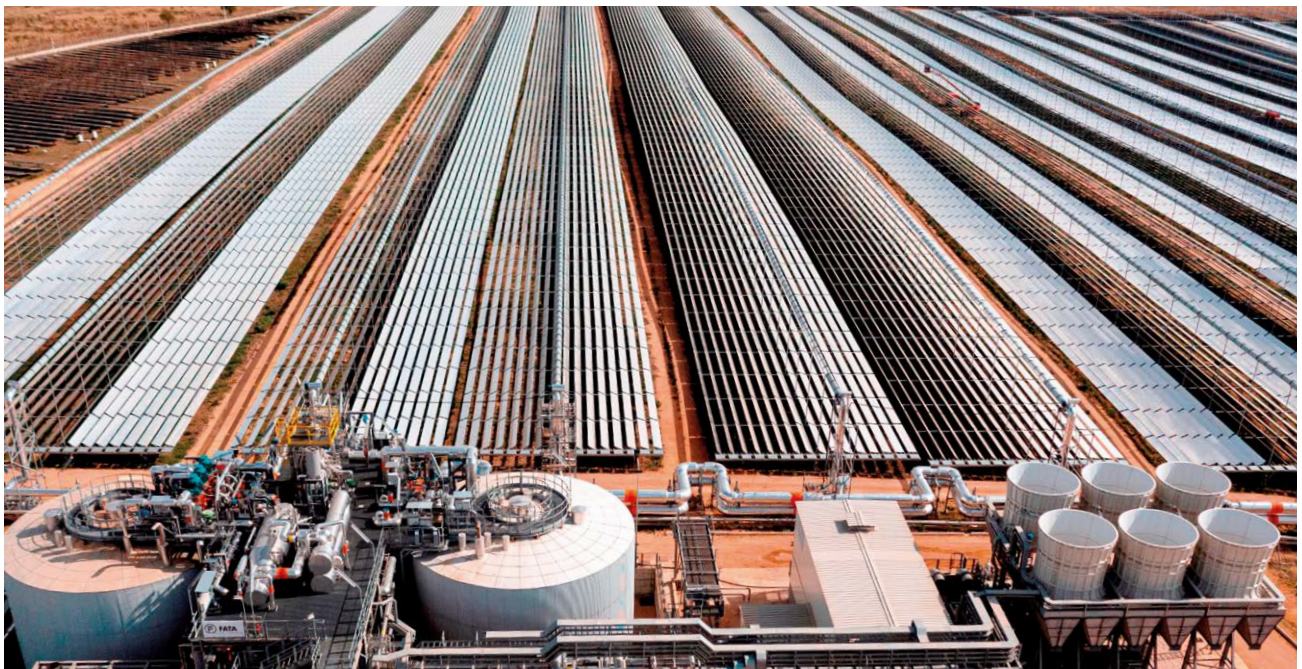


# RENEWABLES

Solar and Wind are driving a significant clean energy revolution in today's world. Renewable power is a booming sector that brings the benefit of lower emissions of carbon and other types of pollution, thus helping to fight climate change.

In the last years we have matured a strong know-how in **Green Power Generation**, with special focus on Concentrating Solar Power Plants, on which we have gained a leading position in such technology, and on large Photovoltaic Plants and Battery Storage.

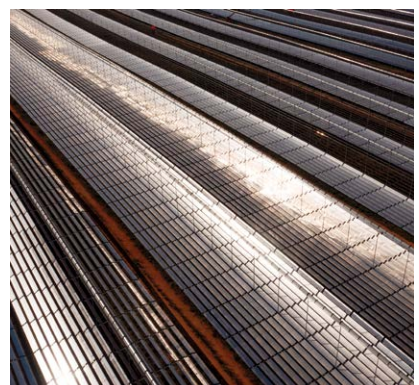
The **Concentrating Solar Plant** consists essentially of special mirrors, called “heliostats” that reflect and concentrate sunlight onto a “receiver”. The receiver heats a solution of Molten Salts, up to about 550°C, which are fed to a Steam Generator to produce superheated steam, used in turn in a Steam Turbine to produce electricity. The advantage of this technology is the possibility to continue the production of electrical energy for up to 24 hours during the night or in absence of sunlight, making use of the hot salts accumulated in the special thermal energy storage (TES) facility.



PARTANNA CSP Plant



STROMBOLI CSP Plant



BILANCIA CSP Plant





# METALS & MINING PLANTS

**FATA** has successfully executed several EPC Projects for aluminium smelters and complete rolling mills. Thanks to this experience and to strategic alliances with technology licensors and providers, FATA is the ideal partner in executing EPC Metal & Mining Projects such as:

- **Mineral concentration and beneficiation plants**, aimed to produce a concentrate from the mineral ore to be further processed in downstream smelters;
- **Smelters**, in particular for primary aluminium, whether as a complete plant or as parts thereof (reduction lines, casthouse, auxiliary plants)
- **Downstream facilities**, such as for example downstream casting, rolling, drawing, finishing, processing and extrusion plants, fed by recycled scrap and/or primary aluminium

In 2018 FATA signed a strategic Cooperation Agreement with **Emirates Global Aluminium (EGA)**, one of the main primary aluminium producers in the world and the leading Reduction Technology Licensor.

The purpose of the agreement is to cooperate on the development of Aluminium Smelter Projects, combining the state of the art, reliable and energy efficient technology for reduction cells from EGA with FATA's capabilities in delivering aluminium smelters on an EPC basis.



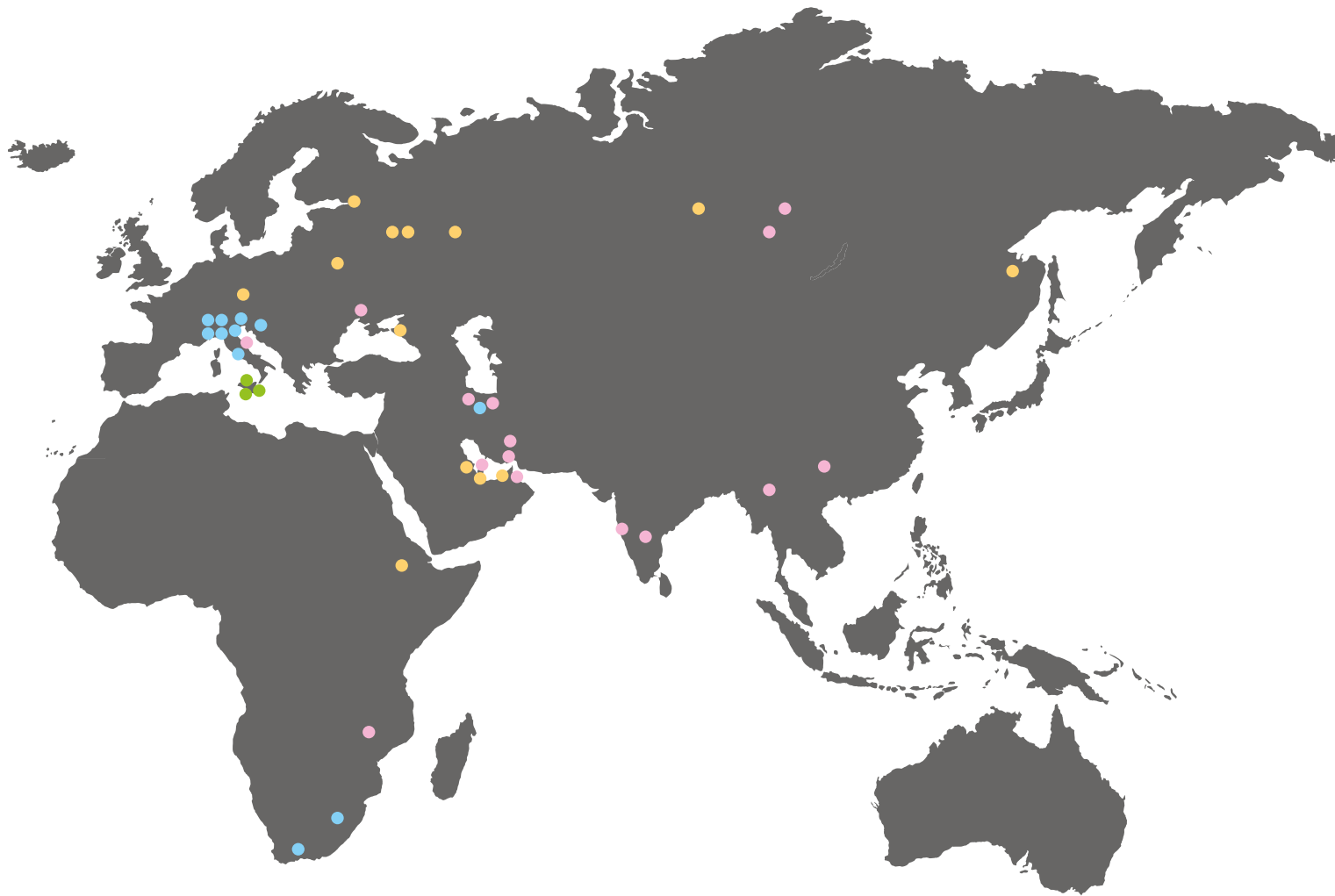
# DIVERSIFIED PLANTS

The experience matured in EPC projects within the power generation and metals sectors, the high engineering capabilities and flexibility and the strategic partnership with technology licensors and providers allow FATA to propose itself as a reputable and reliable EPC contractor in diversified industrial sectors including:

- Oil&Gas separation
- Oil&Gas terminals
- Tank farms
- Gas gathering stations
- Chloralkali plants
- Chemical & Fertilizer Plants
- Others Plants



# FATA'S GLOBAL EXPERIENCE



## LEGEND

● Fossil Fuel Power Plants ● Renewables Plants ● Mining&Metals Plants ● Diversified Plants

## QUALITY CERTIFICATIONS

To express our commitment to achieving and maintaining our leading position, we have implemented the UNI EN ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018. Quality Management System to allow for continued growth, improvement and technological advancement and HSE – Strong commitment – Zero tolerance.

**SOA:** Certificate for the qualification to the execution of public works for category OG9 (power generation plants), class VIII (unlimited amount).



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