Our mission, by using our human, financial and intellectual resources in a teamwork environment, is to execute EPC contracts using the latest state of the art technology, to deliver on schedule competitively priced quality products, and to strive for continual improvements in quality, technology, safety and Customer’s satisfaction.

Profile

FATA EPC is a division of FATA SpA (a Finmeccanica Company), a leading, diversified, industrial group of companies operating in the field of industrial plant engineering, procurement and construction.

Besides holding a unique position as a manufacturer of all the technology and equipment required in its traditional operating sectors, FATA EPC has developed an outstanding capability in general contracting based on over 50 years experience, providing customized, state-of-the-art technology and environmentally consistent solutions for its various industries:

- Primary aluminium smelters
- Downstream aluminium projects
- Oil & Gas
- Power generation plants
From feasibility studies to commercial operations

- Surveys on products and raw materials markets, energy and infrastructures, with relevant economical assessment
- Project development – including feasibility study, technology and plant concept
- Provision of financial support to projects worldwide (project financing, structured financing, syndicated international loans)
- Definition of technology, optimum plant design criteria and environmental impact
- Engineering, procurement and project management
- Construction and start-up, starting from site geological surveys – whenever required – and civil works up to complete installation and commissioning
- Plant operation, staff training and management support
Focus on time, cost and quality

- Project management and project engineering based on state-of-the-art IT tools
- Engineering high performance achieved through discipline integration and proven planning and control procedures
- Equipment procurement and delivery of updated and innovative technology from world class suppliers
- To express our commitment to achieving and maintaining our leading position, we have implemented the UNI EN ISO 9001:2000 Quality Management System to allow for continued growth, improvement and technological advancement
- HSE - Strong commitment - Zero tolerance
Customized site organization optimizing local resources

- Full turnkey schemes, starting from site geological surveys and civil works, up to complete electro/mechanical installation, commissioning and start-up
- Assistance to the Customer in subcontracting the site civil and erection works and supervision of the site works and commissioning
- Skilled site staff working in the frame of well proven HSE, QA/QC, planning and control procedures
Primary Aluminium Smelters

- Brown and green field projects through strategic associations with partners carrying the technology know-how or through Customers already holding licences on their existing plants to be expanded
- Project development from feasibility study to commercial operations
- Project management and project engineering based on state-of-the-art IT tools
- Construction with customized site organization with the optimization of local resources
- Operation and maintenance organization, including operating procedures, staff training and spare parts management
QATALUM
PRIMARY ALUMINIUM SMELTER
MESAIEED - QATAR

ANODE BAKING PLANT
- Technology supplied by Pechiney
- ABF capacity: 368,000 anodes per year
- ABF has 7 fires - 116 sections
- ABF fuel is natural gas
- ABF fume treatment by dry scrubbing
- Green anode storage: 18,000 anodes
- Baked anode storage: 13,000 anodes
- Anode storage and retrieval by automatic crane
Primary Aluminium Smelters
QATALUM
PRIMARY ALUMINIUM SMELTER
MESAIEED - QATAR

CASTHOUSE

- Technology supplied by Norsk Hydro
- Capacity:
  - Extrusion ingot, 350,000 tonnes per year, VDC billet caster
  - Foundry ingot, 275,000 tonnes per year, 10 and 20 kg ingot casters
- Hycast hot metal alkaline removal, in line filters and degassers
- Automatic casting sequencing
- All equipment fumes treated by dust collectors
Primary Aluminium Smelters
**IMIDRO**

**PRIMARY ALUMINIUM SMELTER**

**BANDAR ABBAS - IRAN**

- Second potline expansion of the Almahdi Aluminium Smelter in Bandar Abbas
- Technology (provided by Imidro): Dubal D20, 240kA, 228 pots, 20 anodes/pot, 13.6 kWh/kg Al, Fluid Flow alumina feeding system
- Production capacity: 147,000 tons/year of aluminium
- Potline n° 2 is made of two potrooms built at ~32 m distance, having ~750 m length and ~20 m width
## COMPLETE TURNKEY PLANTS

<table>
<thead>
<tr>
<th>Customer</th>
<th>Country</th>
<th>Plant Type</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Metal Works Corp.</td>
<td>Ethiopia</td>
<td>Mechanical Factory</td>
<td>1985</td>
</tr>
<tr>
<td>Annapurna Foils</td>
<td>India</td>
<td>Aluminium Foil Flexible Packaging</td>
<td>1985</td>
</tr>
<tr>
<td>Technopromimport</td>
<td>Ussr</td>
<td>Processing &amp; Packaging Plant</td>
<td>1985</td>
</tr>
<tr>
<td>Prommashimport</td>
<td>Ussr</td>
<td>Cartons Products</td>
<td>1986</td>
</tr>
<tr>
<td>Prommashimport</td>
<td>Ussr</td>
<td>4 Steel &amp; Aluminium Coating &amp; Finishing Plants</td>
<td>1986</td>
</tr>
<tr>
<td>Prommashimport</td>
<td>Ussr</td>
<td>Packaging Plant</td>
<td>1986</td>
</tr>
<tr>
<td>Grafobal</td>
<td>Czechoslovakia</td>
<td>Packaging Plant</td>
<td>1988</td>
</tr>
<tr>
<td>Sovitalprodmash</td>
<td>Ussr</td>
<td>Plant for Modular Cold Rooms</td>
<td>1988</td>
</tr>
<tr>
<td>Sayanal</td>
<td>Ussr</td>
<td>Integrated Aluminium Foil Plant</td>
<td>1990</td>
</tr>
<tr>
<td>Mashinoexport Gomel</td>
<td>Bielorussia</td>
<td>Packaging Plant</td>
<td>1991</td>
</tr>
<tr>
<td>Chengdu Aluminium Foil Plant</td>
<td>P. R. of China</td>
<td>Casting, Rolling &amp; Finishing Plant</td>
<td>1992</td>
</tr>
<tr>
<td>Kemerovo Region Administration</td>
<td>C.I.S.</td>
<td>Integrated Small Industries Complex</td>
<td>1993</td>
</tr>
<tr>
<td>Krasno Yarsk Metallurgical Plant</td>
<td>C.I.S.</td>
<td>Casting, Rolling &amp; Finishing Plant</td>
<td>1995</td>
</tr>
<tr>
<td>Kombinat Zalk</td>
<td>Ukraine</td>
<td>Casting, Rolling &amp; Finishing Plant</td>
<td>1995</td>
</tr>
<tr>
<td>International Aluminium Prod.</td>
<td>India</td>
<td>Casting, Rolling &amp; Finishing Plant</td>
<td>1996</td>
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<tr>
<td>Yunnan Xinmeilu Foil Co.</td>
<td>P. R. of China</td>
<td>Aluminium Foil Plant</td>
<td>1996</td>
</tr>
<tr>
<td>Ministry Of Agriculture</td>
<td>C.I.S.</td>
<td>Packaging Plant</td>
<td>1997</td>
</tr>
<tr>
<td>Almexa Aluminio S.A.</td>
<td>Mexico</td>
<td>Aluminium Plant Upgrade</td>
<td>1998</td>
</tr>
<tr>
<td>Bharat Aluminium Co.</td>
<td>India</td>
<td>Casting, Rolling &amp; Finishing Plant</td>
<td>1998</td>
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<tr>
<td>Alumpars</td>
<td>Iran</td>
<td>Nr. 2 Foil Rolling Mills</td>
<td>2000</td>
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<tr>
<td>Aceralia Trasformados</td>
<td>Spain</td>
<td>Coil Coating Line</td>
<td>2000</td>
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<tr>
<td>Hezar Aluminium Ind. Co.</td>
<td>Iran</td>
<td>Foil &amp; Converting Plant</td>
<td>2001</td>
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<tr>
<td>Alumpars</td>
<td>Iran</td>
<td>Upgrade of Casting &amp; Rolling Plants</td>
<td>2003</td>
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<tr>
<td>Imidro</td>
<td>Iran</td>
<td>Aluminium Smelter (110,000t/Y)</td>
<td>2004</td>
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<tr>
<td>AEN - Piemonte Energia</td>
<td>Italy</td>
<td>B.O.P. of 400 Mw Power Plant (Leini)</td>
<td>2005</td>
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<tr>
<td>AEN - Tirreno Power</td>
<td>Italy</td>
<td>B.O.P. of 800 Mw Power Plant (Vado Ligure)</td>
<td>2005</td>
</tr>
<tr>
<td>AEN - Torino</td>
<td>Italy</td>
<td>B.O.P. of 400 Mw Power Plant (Moncalieri)</td>
<td>2005</td>
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<tr>
<td>ALA</td>
<td>Italy</td>
<td>Casting &amp; Rolling Plant</td>
<td>2005</td>
</tr>
<tr>
<td>Imidro</td>
<td>Iran</td>
<td>Aluminium Smelter Extension</td>
<td>2006</td>
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<tr>
<td>Saba Pei - Zargan</td>
<td>Iran</td>
<td>648 Mw Simple Cycle Power Plant</td>
<td>2006</td>
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<tr>
<td>Qatalum</td>
<td>Qatar</td>
<td>Casthouse</td>
<td>2007</td>
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<tr>
<td>Qatalum</td>
<td>Qatar</td>
<td>Anode Baking Plant</td>
<td>2007</td>
</tr>
<tr>
<td>Torino Nord</td>
<td>Italy</td>
<td>Power Generation Plant 400 MW</td>
<td>2009</td>
</tr>
<tr>
<td>OARC</td>
<td>Oman</td>
<td>Downstream Aluminium Project</td>
<td>2011</td>
</tr>
</tbody>
</table>
OARC Oman Aluminium Rolling Company

DOWNSTREAM PROJECTS
SOHAR - OMAN

- Complete latest state-of-the-art technology in casting, rolling and finishing facility on a full EPC basis
- 160,000 tons per year
- Facility includes a Hazelett Caster, and FATA Hunter, division of FATA SpA, will supply a hot rolling mill along with world-class cold rolling and finishing equipment
Oil & Gas

FATA is listed in Engineering News Record’s (ENR) Top 200 International Contractors. In partnership with Enereco, FATA EPC provides complete, turnkey EPC facilities and EPCM services to the Oil & Gas industry worldwide.
Oil & Gas

Extensive experience in the upstream petroleum industry, which processes, stores and transports products such as crude oil, natural gas and liquefied natural gas (LNGs), production water and sulphur. Our Oil & Gas Capabilities:

- Petrochemical Facilities
- LNG Facilities
- Refineries
- Oil/Gas/Water Pipelines
- Oil/Gas Separation
- Oil/Gas Terminals
- Tank Farms
- Pumping Stations
- Compression Stations
- Gas Gathering Stations
- H2O Treatment/Injection
- Loading/Unloading Facilities
- Power Generation
Power Generation Plants

- Turnkey realization of simple or combined cycle power plants in association with worldwide referenced turbine manufacturers
- Design and supply of the balance of plant, including civil works and electro-mechanical erection
• **Vado Ligure Power Plant - Savona - Italy**
  Repowering of an existing 320 MW steam turbine by means of a 2+1 combined cycle plant, for a total electrical power capacity of about 780 MW

• **Moncalieri Power Plant - Turin - Italy**
  1+1 combined cycle, with steam extraction from a 140 MW existing steam turbine for district heating, for a total electrical power capacity of about 380 MW and a DH capacity of about 260 MW
Power Generation Plants
• **Leinì Power Plant - Turin - Italy**
  1+1 combined cycle, with steam extraction from steam turbine for district heating, for a total electrical power capacity of about 380 MW and a DH capacity of about 170 MW

• **Torino Nord Power Plant - Turin - Italy**
  Combined Cycle Power Plant, 400 MW power output, 270 MWT district heating load, based on 1 X 94.3 A Ansaldo Gas Turbine