



# **GEOTHERMAL POWER**



## **ENVIRONMENTALLY FRIENDLY ENERGY**

As non-renewable energy resources continue to diminish, the need for alternative energy sources is getting more necessary and challenging.

ITECO recognises this need as non-renewable resources show a diminishing trend throughout the globe.

Geothermal Energy is formed by the heat contained within the Earth. Geothermal energy can be captured through:

- 1. <u>Geothermal Power Plants</u>: Which use heat from deep inside the Earth to generate steam to make electricity. You're most likely to find one of these power plants in an area that has a lot of hot springs, geysers or volcanic activity.
- 2. Geothermal Heat Pumps: These systems transfer heat by pumping water or a refrigerant (a special type of fluid) through pipes just below the Earth's surface. During the winter, the water or refrigerant absorbs warmth from the Earth and the pump brings this heat to the building above. In the summer, some heat pumps can run in reverse and help cool buildings.



## WHO WE ARE



ITECO is a step ahead as we already specialise in supplying OCTG and relevant products to the Oil and Gas industry.

For geothermal drilling activities OCTG products can be used, therefore the specification for pipes remain the same.

We have successfully advanced and transferred our know-how to the geothermal industry which is a recognized growing market. ITECO has already supplied oilfield, piping and drilling equipment used on several geothermal deep drilling projects for major industrialists.

### **GEOTHERMAL REFERENCES:**

Germany - Austria - Kenya - Switzerland - Netherlands - France





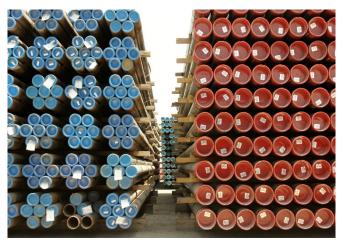








# **PRODUCTS & SERVICES**









#### **Specifications**

**API 5CT Latest Edition** 

OCTG from 1.660" to 30" + respective Couplings, Crossovers and Pup Joints

API Grades H40, J55, K55, N80, N80Q, L80, C90, C95, T95, P110, Q125, SS95, SS110, 9%CR, 13%CR ALL API Standard Weights

API and Premium Joint Connections

Special SS and HC grades

**CRA** Grades

#### **Additional Services**

Accelerated mill delivery
Full customs service until final destination
Full Third Party Inspection Services
Dedicated Project Managers

## Contact Us

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