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POWER PLANTS AND SOLAR STEAM GENERATOR FOR UTILITIES, OIL PRODUCERS AND INDUSTRIES

COMPANY



SUNCNIM develops, builds (EPC) and operates power plants with energy storage as well as solar steam generators for thermal enhanced oil recovery (EOR) and industrial applications. All plants are based on its proprietary Fresnel CSP technology.

SUNCNIM is a subsidiary of the CNIM group (3.000 employees, 727 M€ revenue 2015) which designs and produces turnkey (EPC) industrial solutions with high technological content in the fields of Power Generation, Defense, Life Sciences and Industry. The French state, through its venture fund BPI is also a shareholder of SUNCNIM.

Throughout all these fields of activities, SUNCNIM has the backing, resources and expertise of its mother company, the CNIM group, specialized in EPC for utility power generation plants for over 50 years and with more than 160 references.

PRODUCTS



SUNCNIM concentrated solar thermal technology enables a competitive price for steam and electricity with storage through a simple and robust design. Our patented design also leads to optimized construction and operation costs while achieving a high local content.

SUNCNIM solar technology is also especially designed for operation on oil field and desert conditions with features such as an automatic mirror cleaning system with exceptionally low water consumption, a process able to utilize oil fields feed water and the lowest land usage in the industry.

REFERENCES

COMPLETED PROJECTS:



Thémis solar boiler in Targassone, Pyrénées Orientales in the 1980s (10MWth / 2.5MWe)



SUNCNIM CSP demonstrator operating automatically at the Seyne-sur-Mer since 2010

CURRENT PROJECTS:



eLlo: CSP plant in the Eastern Pyrenees, France, 9MWe with 4 hours thermal storage (under construction)



Architectural view of the eLlo project