Innovative solar collector for process heat applications with selective coating as competitive edge (COSmIC)

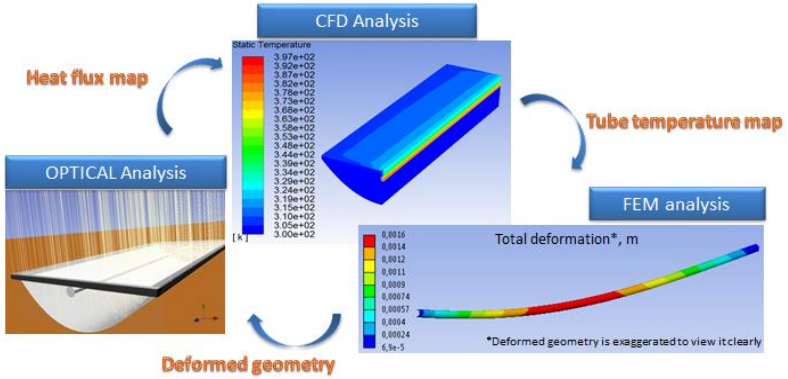
OBJECTIVES OF THE PROJECT

This research project addresses the development of an innovative solar collector for industrial process heat applications that require thermal energy at temperatures between 180ºC and 250ºC.

PROTOTYPE

CENER´S MAIN ACTIVITIES

- Project technical coordinator.
- Design and built an innovative and versatile solar collector with the following novel features: high versatility, light weight, easy installation, no flexible joint and low O&M costs.
- Experimental evaluation of the collector components and the overall collector performance (efficiency).



BUDGET

- Total: 424.182,00 €
- CENER´s: 284.882,00 €

DATES

January 2019 – December 2020

PARTNERS

This project has received funding from Gobierno de Navarra / Renewable Energies