POWDERED METAL REACTOR

Project Goal
Using the CO2 free heat generated through high-temperature oxidation of powdered metals for sustainable base load energy.

Skills Developed
Design and CAD
Programming
Mechatronic
Economic Analysis
Safety Procedure
Thermodynamic analysis

Something for everyone
Thermodynamic Calculations
Reactor Design
Technoeconomic Analysis
Off Gas Handling
Powder Delivery
Steam Generation
Safety

About Us
Multidisciplinary team supervised by Dr. Reza Kholghy founded in 2023.

Check out our website and the EPTL website