

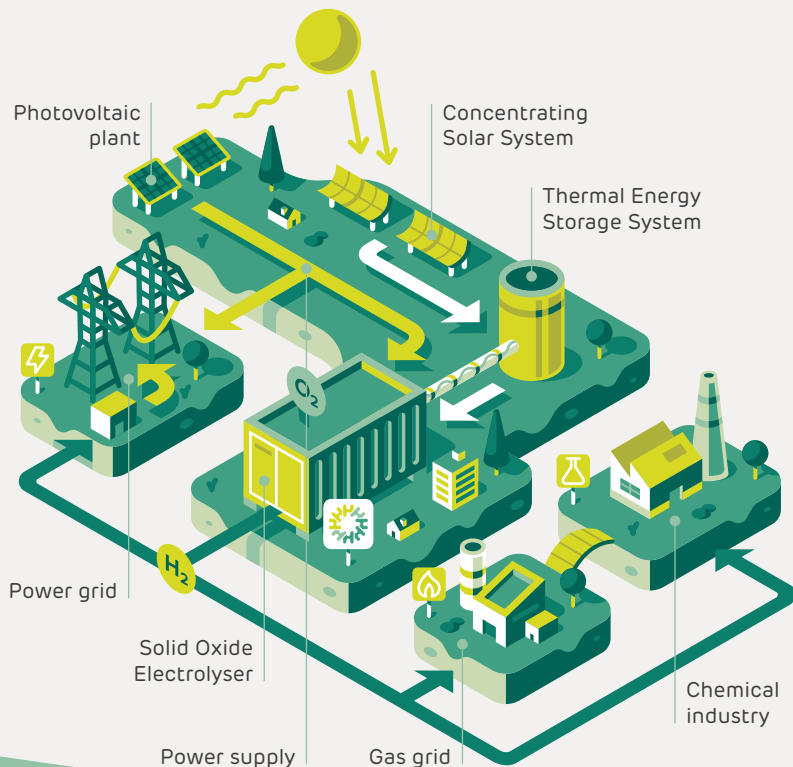


prometeo

Green Hydrogen form Sunshine

PROMETEO is a European Horizon 2020 project that aims to design, construct and test an innovative prototype to produce renewable hydrogen from solar power.

Discover the prototype:
prometeo-project.eu



Hydrogen **PRO**duction
by **ME**ans of solar heat
and power in high
TEmperture Solid
Oxide Electrolysers

PROMETEO's prototype will be based on high-temperature solid oxide electrolysis (SOE) coupled with an innovative thermal energy storage (TES).

TES will optimize the use of intermittent solar heat in hydrogen production, making sure the heat stays hot enough to drive the solid oxide electrolysis at low-cost and high efficiency. PROMETEO's prototype will consider three industrial applications as end-users.



The project has received funding from the Fuel Cells and Hydrogen 2 Joint Undertaking (JU) under Grant Agreement n° **101007194**. The JU receives support from the European Union's Horizon 2020 research and innovation programme, Hydrogen Europe and Hydrogen Europe Research.

