

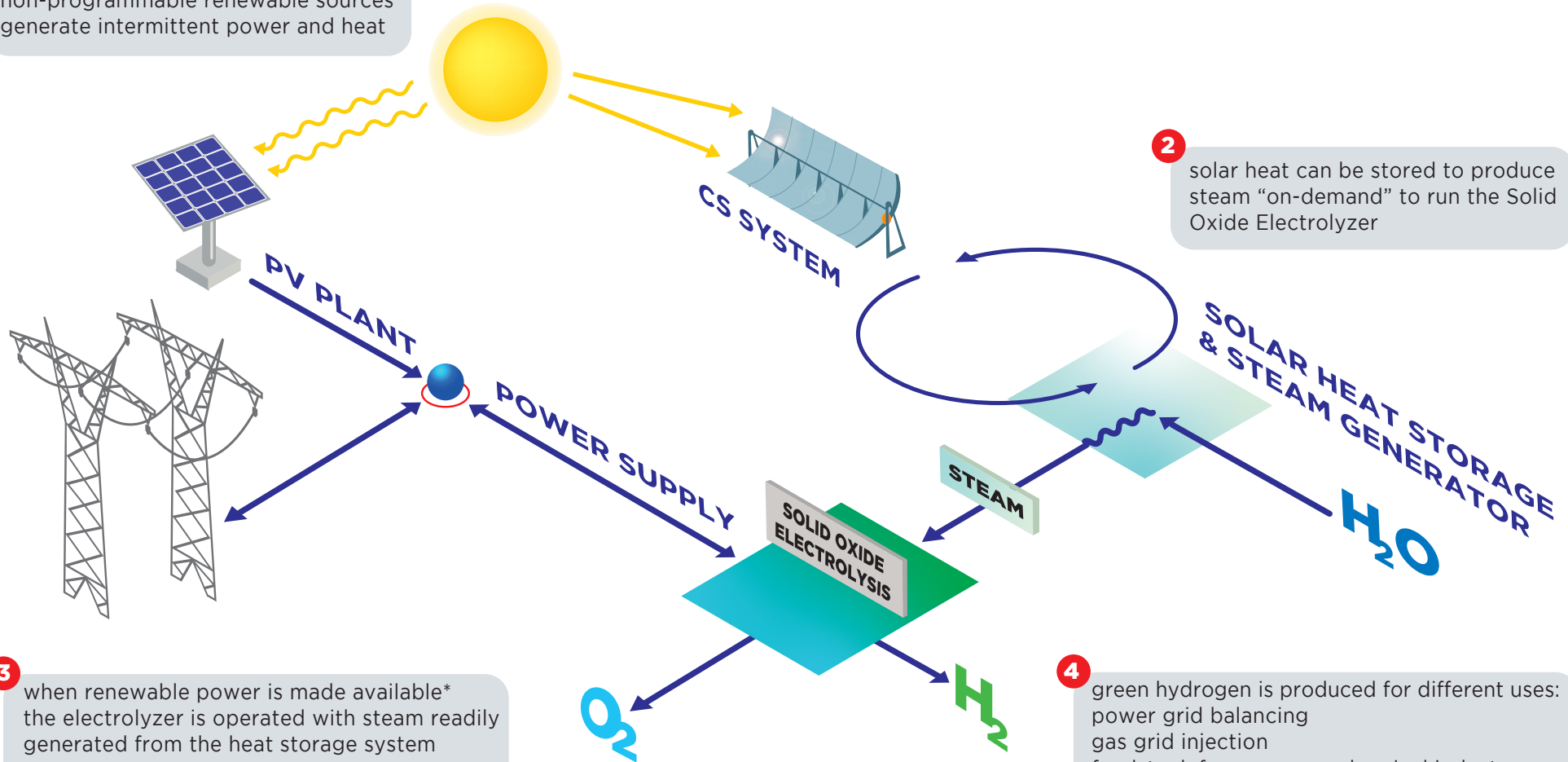


FUEL CELLS AND HYDROGEN
JOINT UNDERTAKING

PROMETEO

1

non-programmable renewable sources generate intermittent power and heat



2

solar heat can be stored to produce steam “on-demand” to run the Solid Oxide Electrolyzer

3

when renewable power is made available* the electrolyzer is operated with steam readily generated from the heat storage system

* e.g. low cost, surplus production, etc.

4

green hydrogen is produced for different uses:
power grid balancing
gas grid injection
feedstock for a greener chemical industry