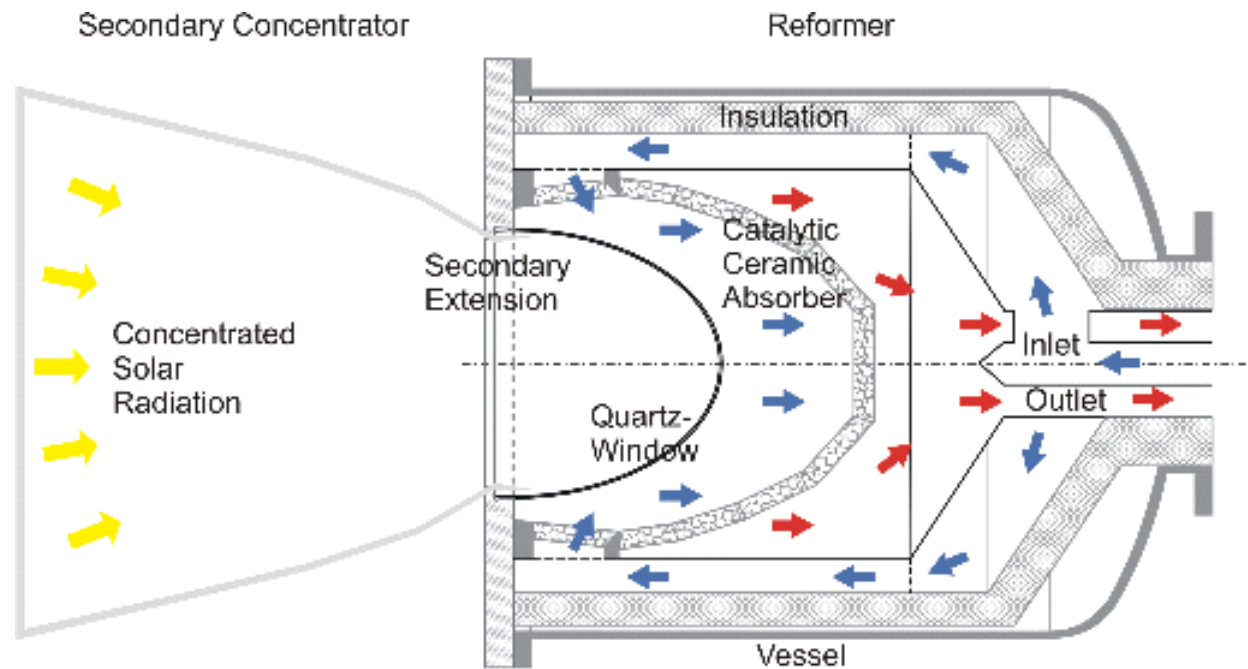


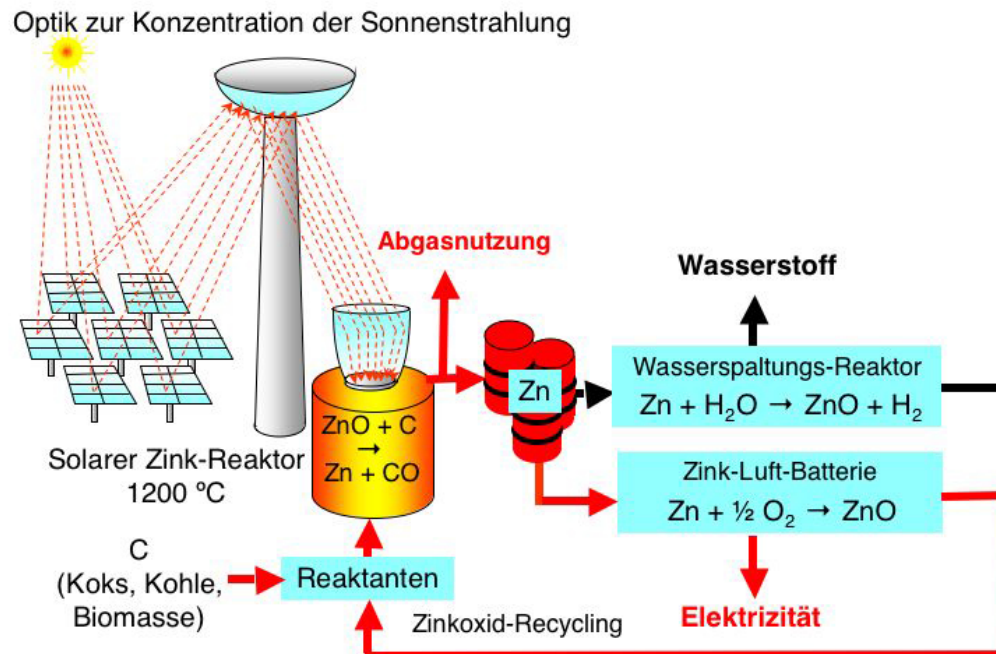
R&D technologies for solar hydrogen production

SOLREF (DLR)

Solar Steam Reforming of Methane Rich Gas for Synthesis Gas Production

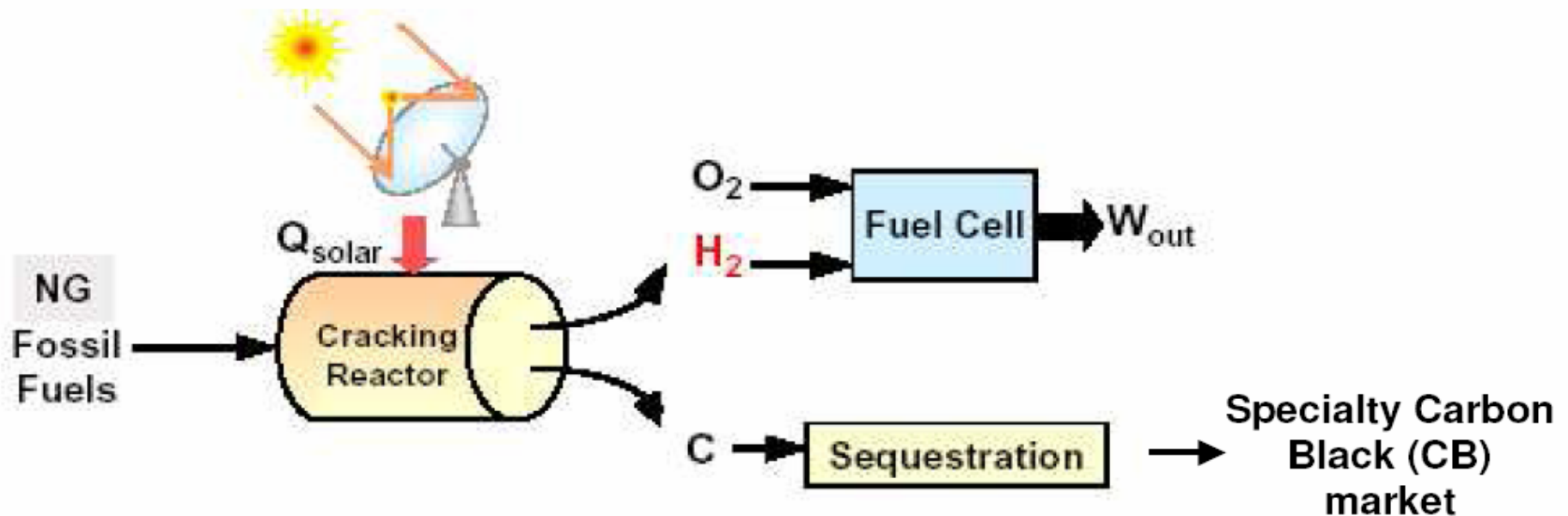


SOLZINC (ETH) Solar Carbothermic Production of Zn from ZnO



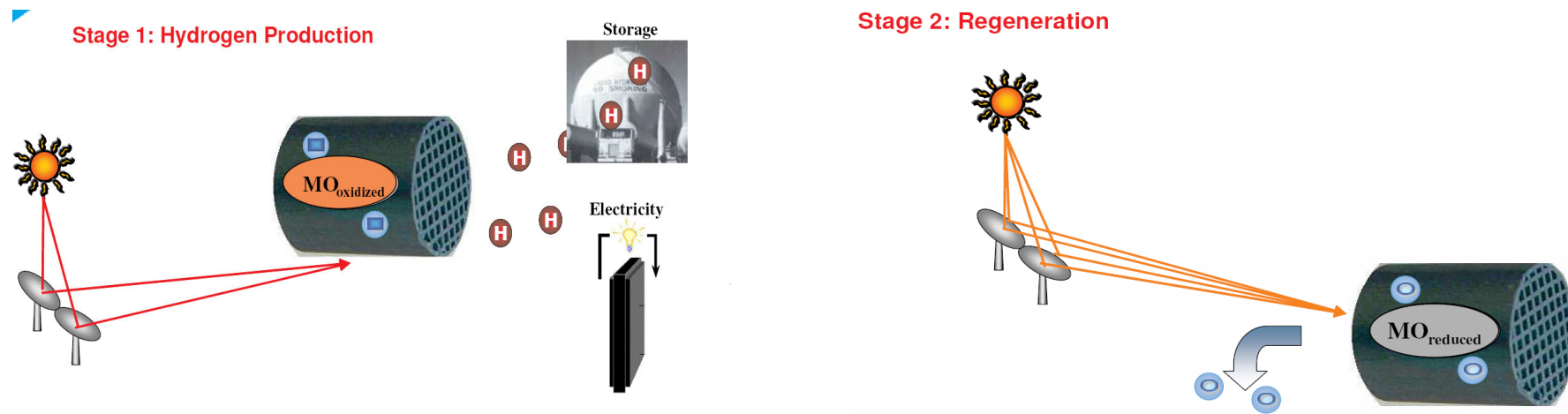
SOLHYCARB (PROMES)

High temperature solar chemical reactor for co-production of hydrogen and carbon black from natural gas cracking

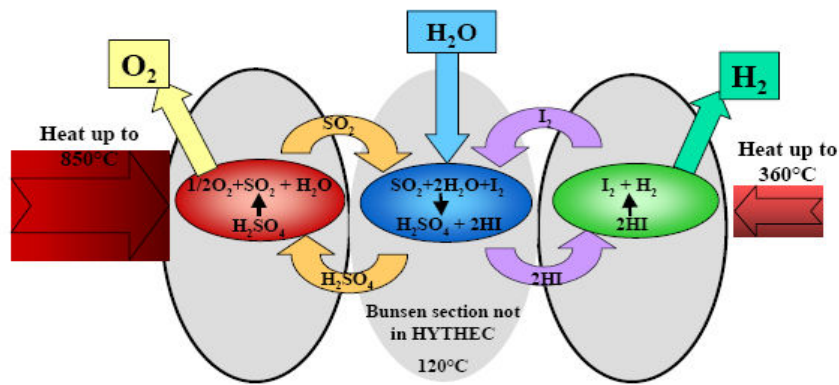


HYDROSOL II (CPERI)

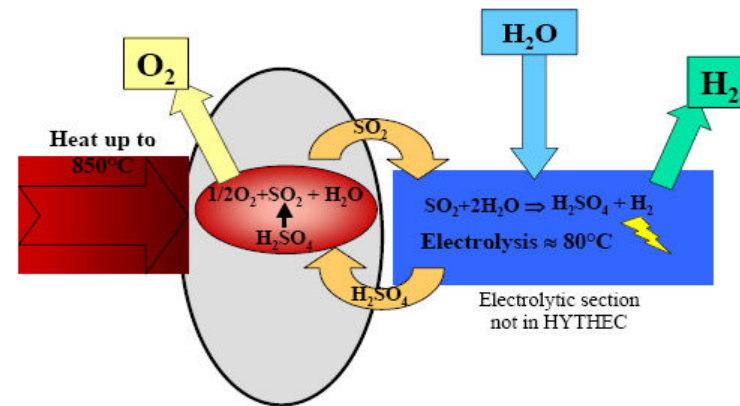
Catalytic monolith reactor for hydrogen generation from solar water splitting



HYTREC (DLR / CEA) HYdrogen THERmochemical Cycles



IS Thermochemical Cycle



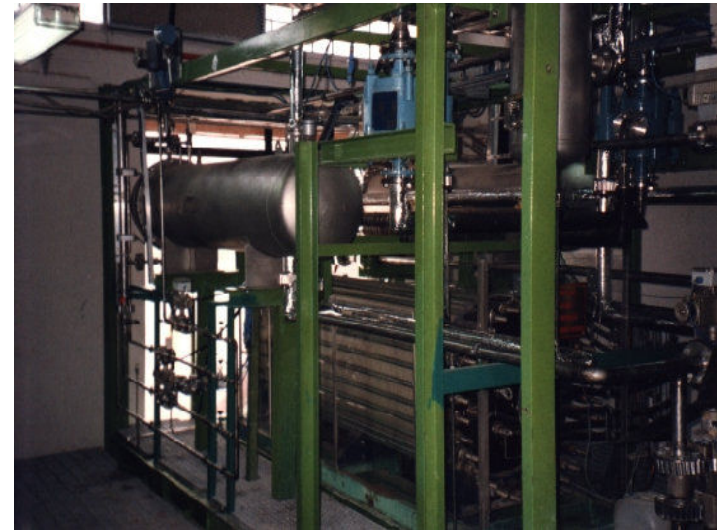
Sulfuric acid Thermochemical Cycle

HYSOLAR (DLR)

German Saudi joint program on solar hydrogen production and utilization



PV field



Electrolysis