



MAIN REFERENCES



POWER, RENEWABLE ENERGIES & GREEN HYDROGEN



Power, Renewable Energies & Green Hydrogen

CLIENT	LOCATION	PROJECT DESCRIPTION	SERVICES PROVIDED	STATUS
ENEL Produzione S.p.A.	Italy	Engineering, procurement, construction (EPC) Turn-Key Contract for the hydrogen production plant BRINDISI GREE NHYDROGEN	Engineering, procurement, construction (EPC) Turn-Key Contract	Ongoing
FERROVIE NORD S.p.A.	Italy	Engineering, procurement, construction and commissioning (EPCC) for the hydrogen production and distribution plant for refueling hydrogen trains in Municip. of Edolo and full service maintenance (Capacity = 5 MW)	EPCC Engineering, procurement, construction and commissioning	Ongoing
Beyfin S.p.A.	Italy	Construction of a green hydrogen refueling station for light and heavy vehicles	Basic & Detailed Design & Construction Supervision	Ongoing
ARST Azienda Regionale Sarda Trasporti	Italy	Railway connection between the Alghero city and Alghero airport, with hydrogen production plant (Capacity = 4 MW)	Feasibility Study & Preliminary Design	Completed
FOTOSOLARE Srl	Italy	Construction Photovoltaic Assets (total 3 MWp), Villacidro, Sardinia *	Design check	Completed
SCHNEIDER ELECTRIC	Italy	Construction of a Photovoltaic Assets (45 MWp) Brindisi*	Commissioning Supervision & Assistance	Completed
SOLAREOLICA Srl (EDF Group)	Italy	Construction Photovoltaic Assets (13,5 and 6,7 MWp), Priolo Augusta, Sicily*	Design Check- Construction - PM Supp	Completed
SCHNEIDER ELECTRIC	Italy	Construction of a Photovoltaic Assets (15 MWp) Rome*	Commissioning Supervision & Assistance	Completed
SOLAREOLICA Srl (EDF Group)	Italy	Construction of a Photovoltaic Assets (45 MWp) Venice*	Design Check, Supplies QC, Construction QC, Commissioning Supp.	Completed
BONORWA WIND ENERGY (EDF Group)	Italy	Construction of a Wind Farm (No. 35 Aerogenerators), Sassari*	Design Check - PM Supp. - Supplies'expediting & inspection	Completed
SOLAREOLICA Srl (EDF Group)	Italy	Construction Photovoltaic Assets (total 2 MWp), S. Pietro Vernotico*	Design check	Completed
FRI - EL CAMPIDANO Srl (EDF Group)	Italy	Construction of a Wind Farm (N. 34 Aerogenerators), Campidano, Sardinia*	Design Check - PM Supp. - Supplies'expediting & inspection	Completed

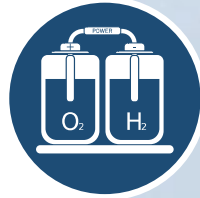
*Sister Company's Projects

Power, Renewable Energies & Green Hydrogen

HYDROGEN PRODUCTION AND SUPPLY CHAIN

Production

- ✓ Renewable energy to power up the Green Hydrogen Production Plant
- ✓ Electrolyzer Technology
- ✓ Compression of the Green Hydrogen



Storage and Distribution

- ✓ Hydrogen Storage
- ✓ Hydrogen distribution through underground pipelines or cylinders



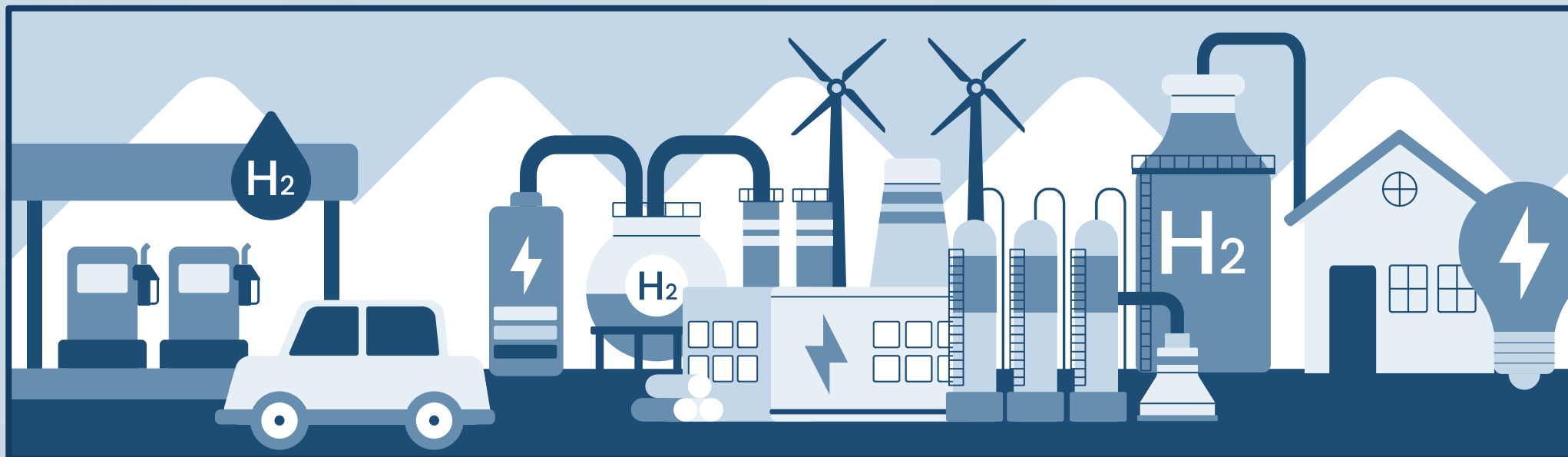
Users

- ✓ Refuelling station for FCEVs (cars, buses, boats, material handling vehicles and other vehicles)
- ✓ Public Transport
- ✓ Industries
- ✓ Ports
- ✓ Injection in the national gas grid



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GREEN HYDROGEN PLANTS - BTP'S PROPRIETARY DESIGN



1÷5 MW PLANT

Small scale hydrogen valleys and small industrial production facilities for:

- ✓ MOBILITY (CARS, BUSES, NAVAL, PORTS, PUBLIC TRANSPORT ETC.)
- ✓ SMALL INDUSTRIAL USERS

10÷20 MW PLANT

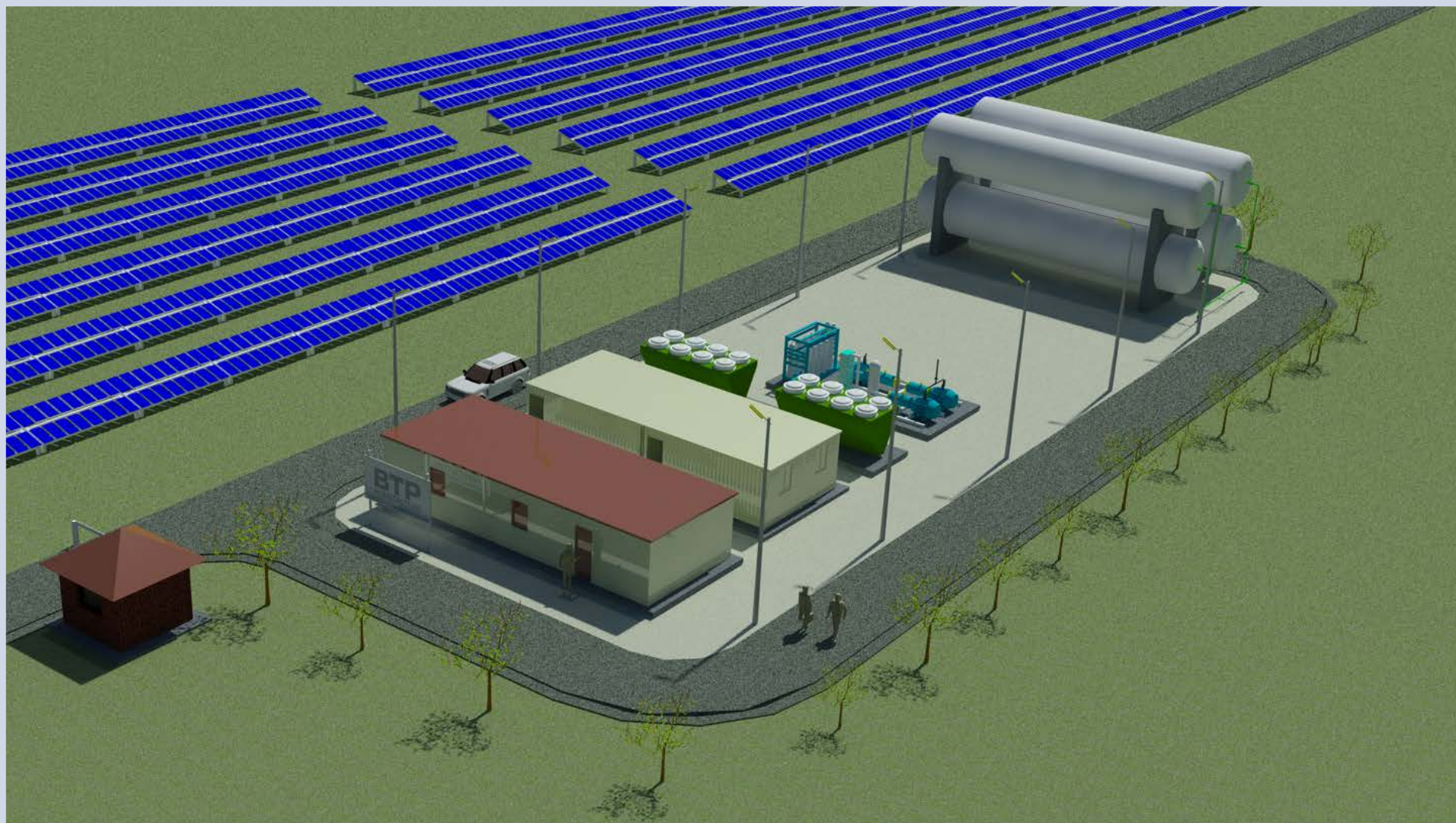
Industrial plants and large scale hydrogen valleys for:

- ✓ MOBILITY (CARS, BUSES, NAVAL, PORTS, PUBLIC TRANSPORT ETC.)
- ✓ INDUSTRIES
- ✓ NATIONAL GAS GRID INJECTION
- ✓ EXPORT (ONSHORE & OFFSHORE)

*Other plant sizes may be considered based on customer needs

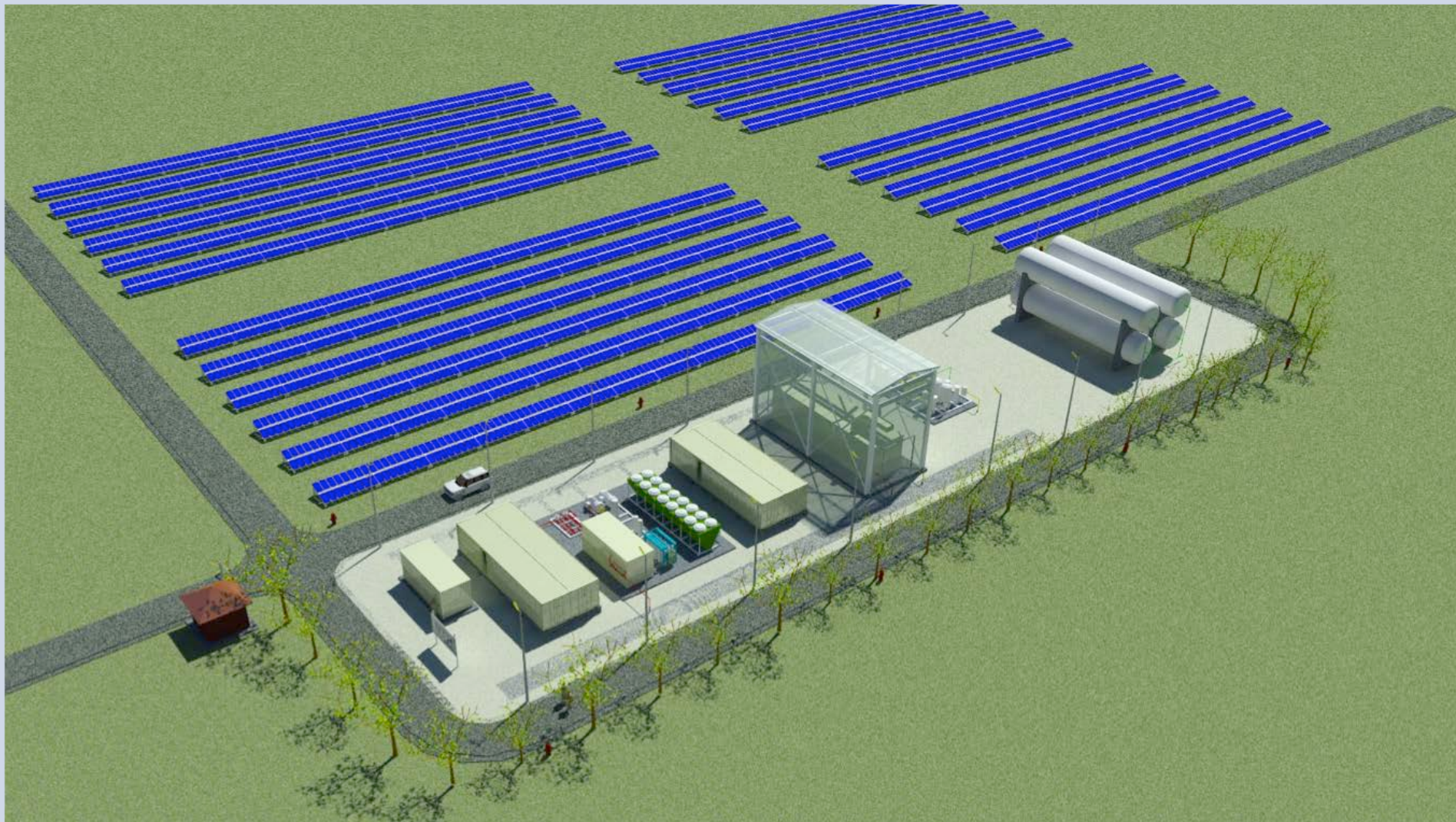
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GREEN HYDROGEN PRODUCTION PLANTS (5 MW) – BTP's PROPRIETARY DESIGN



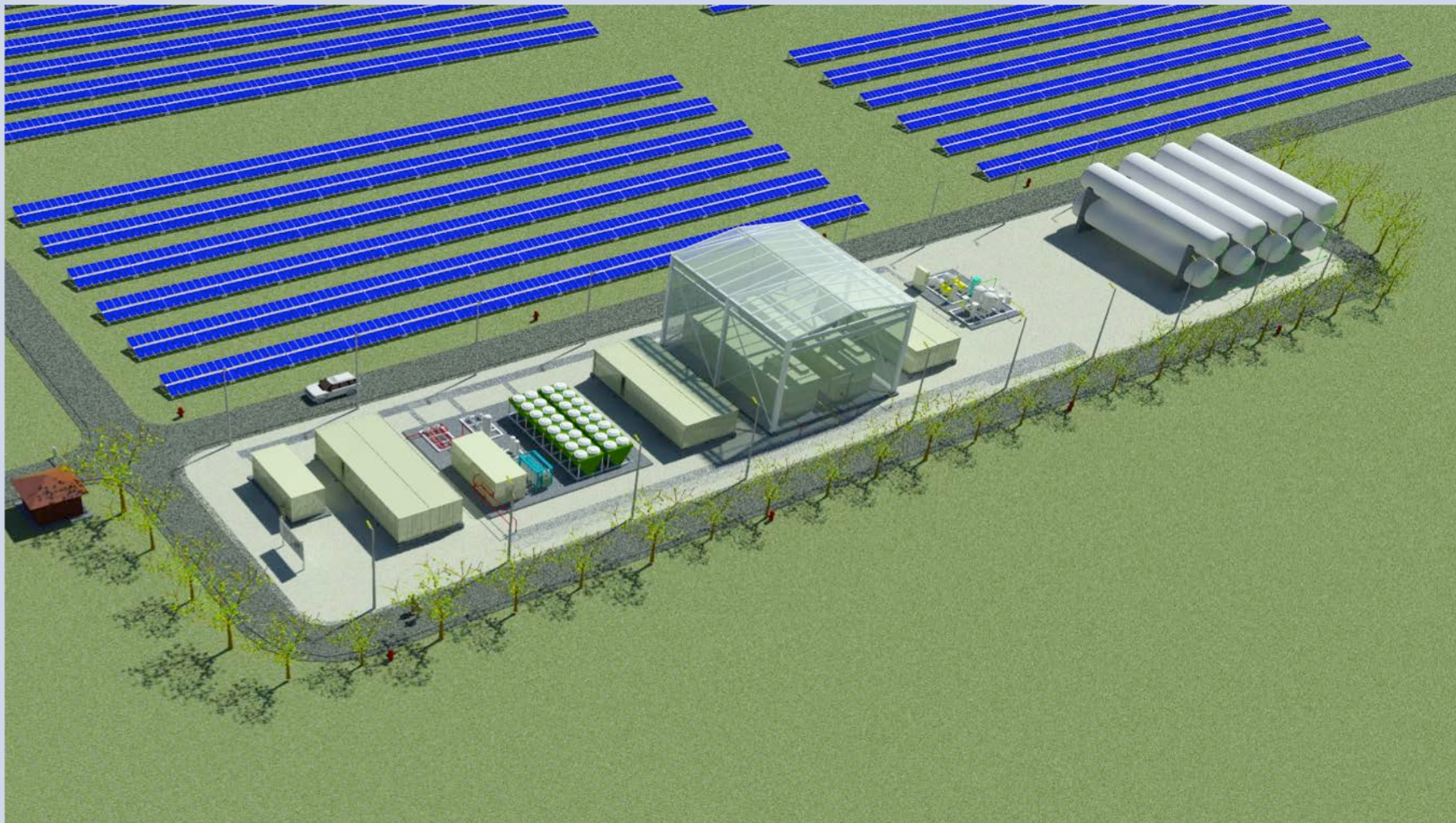
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GREEN HYDROGEN PRODUCTION PLANTS (10 MW) – BTP's PROPRIETARY DESIGN



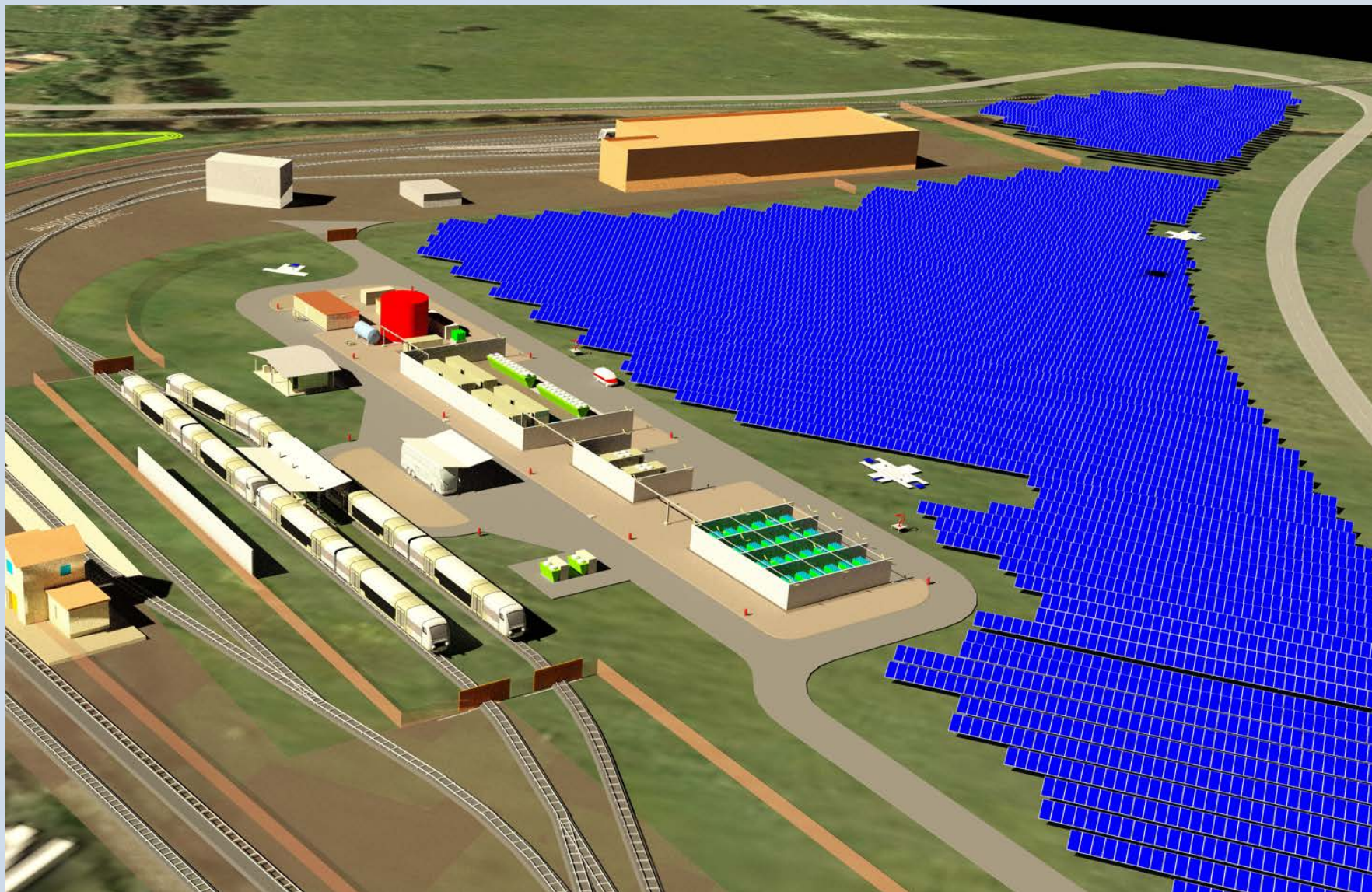
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GREEN HYDROGEN PRODUCTION PLANTS (20 MW) – BTP's PROPRIETARY DESIGN



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GREEN HYDROGEN PRODUCTION PLANT FOR ALGHERO RAILWAY (Plant Capacity = 4 MW)



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GREEN HYDROGEN PRODUCTION PLANTS FOR REFUELLING HYDROGEN TRAINS (Plant Capacity = 5 MW)



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GREEN HYDROGEN REFUELING STATION FOR LIGHT AND HEAVY VEHICLES

