

Project name: Feasibility study, photovoltaic and hydrogen storage	Value of the contract : Approx. 5500 USD
Country: Bora Bora	Duration of assignment: 07/2019 – 01/2020
Name of Beneficiary/Client: Polynesian water utility	Project Partners: Race for Water Foundation CONINCO Etia
Total No. of staff-months of the assignment: 0.5 MM	Names of Planair staff members involved in the project: Lionel Perret, Nicolas El Hayek

Description of Project:

- An analysis of the solar resource at the Centre d'Enfouissement Technique (CET), which could serve as a basis for feeding the first links in a green hydrogen chain.
- A technical and economic evaluation of a pilot plant serving as a first showcase for hydrogen technology. This facility could be deployed in the very short term.
- A technical and economic evaluation of a demonstration facility to power a hydrogen station for cars and boats. This facility could be deployed in the short term.
- A technical and economic evaluation of a "country" flagship facility for mass conversion of the energy system to hydrogen. This facility could be deployed in the medium term.

Graph of usage of solar PV for H2 production

