

Global Hydrogen Diplomacy (H2-DIPLO)

Client

(PSE AG)

Ultimate Client

GIZ Riyadh

Location

Saudi Arabia

Scope of Work

Technical and Market Studies

The study main objective is to provide an overview of the Saudi Arabia's main energy export markets in the light of decarbonization and green hydrogen production & use. In addition to the extent of cost competition in the export of Saudi hydrogen and its derivatives.

The study investigates the following:

- The nature of hydrogen-based energy carriers and their suitability for specific applications.
- The goals of greenhouse gas emission reduction and timelines of these off-taker markets and the measures to achieve them.

- The role of hydrogen and PtX in these key markets and the extent to which they can substitute for oil and its derivatives.
- The production and use of Saudi Arabian hydrogen can meet the demands in Asian and European countries.



