

J-DeEP, Japan offshore Design and Engineering Platform



<https://jdeep.mystrikingly.com/>

- Address : Room 407, 1-20-1, Kichijyoji-honcho, Musashino city Tokyo
- Employees : president , directors 6 , auditor 1, consisting members 8
- Established in : Feb 18, 2013
- Business : technical institutional development to realize innovative offshore projects

Project Name

- Feasibility study for Ammonia FPSO and ammonia value chain by Ammonia FPSO solution with feedstock of the offshore associated natural gas and integration of CCS system to capture and store by-product CO2

Cooperation with Local Companies

- Develop feasibility study by joint efforts of Brazilian national oil company Petrobras and technical support of Toyo Engineering and Japan Marine United

Local Economic / Social Issues

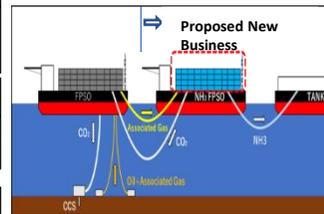
- unmonetized natural gas either trapped in the well or flared.
- Shortage of ammonia fertilizer resulting shortage of crop production and bad affect Amazon forest tree cutting

Details of Demonstration

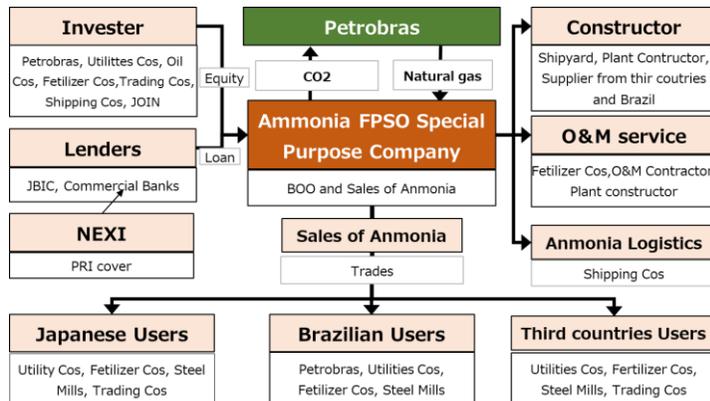
- Receive natural gas and metocean conditions from Petrobras
- Conceptual design and cost estimate by TOYO& JMU
- Economic analysis, business model, supply chain with evaluation support by J-DeEP with evaluation support by Mitsubishi Crop

Expected Outcome in the future

- CO2 reduction, increase of ammonia fertilizer and crop production
- Decease of poverty and stopping of Amazon forest tree cutting economic development by monetizing unused natural gas



Ammonia FPSO image



Business scheme