**Basic research on Optimum Production, Transportation and Storage Method of Natural Methane Gas Hydrate**

Oceanic methane hydrate reserved below the deep ocean of EEZ of Japan is exclusive domestic resource. In this research, commercial production, transportation and storage method of methane produced from the methane hydrate is studied and most efficient system is proposed preceding Japanese domestic program.

Production system is installed in deep ocean, typically of Nankai Trough, and exposed to harsh environmental condition due to Kuroshio current and typhoon. Advanced Floating Production System specializing in development of methane hydrate is studied. Transportation of methane using submerged pipeline and transportation in liquid phase using GTL and LNG technology is studied and most efficient system is proposed.

**References**


**Term of Project**

Fiscal years 2003-2007. 5 years

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<th>Year</th>
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<th>FY2006</th>
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**Allocation**

None