

Closed cycle OTEC system —

- ① In this system the working fluids for heat engines use the fluid like ammonia, Freon, R12, butane gas having low boiling point because the working temperature of sea water is small.
- ② warm water from ocean surface is circulated by a pump to a heat exchanger which acts as boiler to generate Freon vapour at high pressure.
- ③ This ϕ vapour expands in the turbine to develop mechanical power and it is used to drive an electric generator which produces electric energy.

