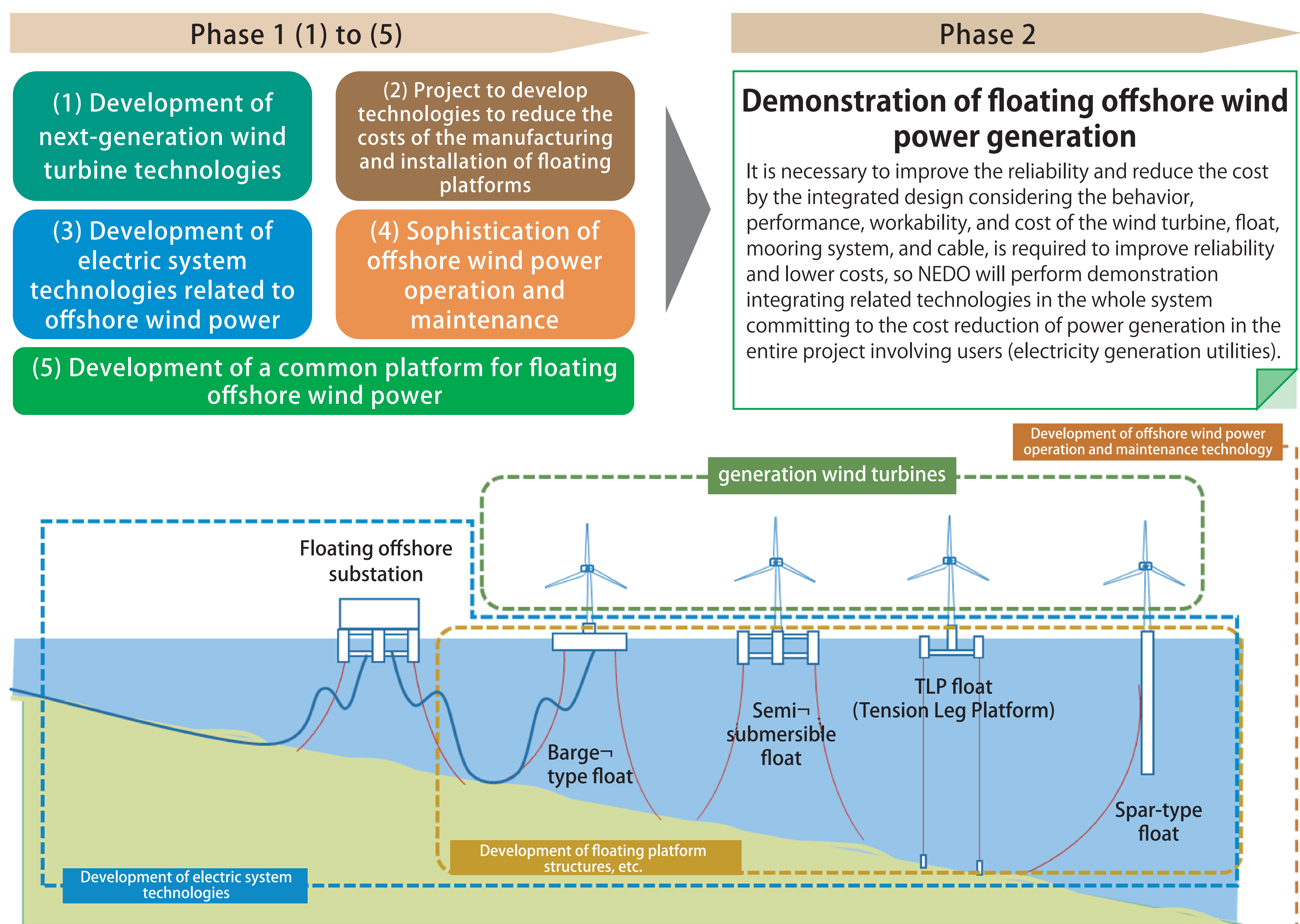




Green innovation fund project/Cost Reduction of Offshore Wind Power Generation

Overview of the project

As part of the green innovation fund project, NEDO started the project for "Cost Reduction of Offshore Wind Power Generation" aiming at further prevalence of offshore wind power generation, mainly the floating type, by reducing the cost. Since 2021, NEDO has been proceeding with the research and development of element technologies in four fields as Phase 1. Together with the experimental study (Phase 2) to be conducted in the future, NEDO aims at further prevalence of offshore wind power generation, the mainly floating type, through early cost reduction.



Research and Development Phase 1-(1) Technology Development Project for Next-Generation Wind Turbines

NEDO promotes the development of technologies related to the optimization of the wind turbine specifications, high-quality mass production technologies considering cooperation with global manufacturers, in order to streamline and optimize the whole value chain of wind turbines making use of the strengths of Japan, namely production technologies, quality control, and robotics such as automation of plants, as well as the technologies cultivated through onshore wind power and the domestic manufacturing foundation.

