Cost Reductions for Offshore Wind Power Generation (Amount covered by the government: Up to 119.5 billion yen)

Offshore wind power has been expanding <u>mainly in Europe</u>, but <u>the Asian market is expected to</u> <u>grow rapidly</u>.

While the introduction of fixed-bottom turbines in shallow waters is progressing, <u>countries are</u> <u>competing to develop technology for floating turbines</u>.

- In order to win this competition, the fund will support the following R&D projects for <u>floating turbines</u> <u>etc.</u>:
 - (1) Develop technology for wind turbines, floating structures etc. that will be suitable for the meteorological and marine conditions in Asia;
 - (2) Integrally design an entire system that combines wind turbines, floating structures, cables etc. involving from users (power generation businesses) with a view to achieving <u>internationally</u> <u>competitive cost levels</u>, and <u>demonstrate them</u> toward public implementation.



R&D goals: Achieve a generation cost of 8 to 9 yen/kWh with seafloor-mounted turbines under certain conditions (wind conditions) by 2030