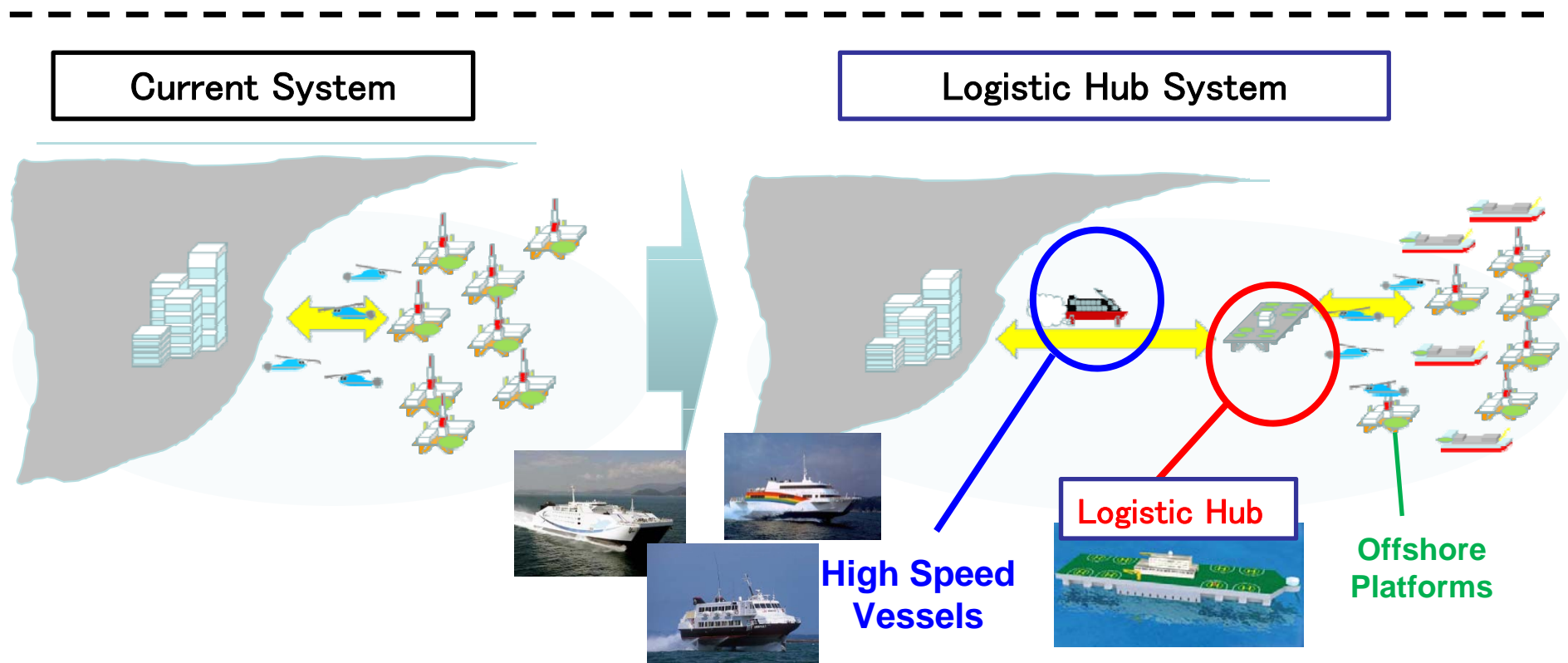


Concept:

- Logistic Hub system can provide solutions for the transportation in the Pre-salt area between coast and offshore platforms.
- High Speed Vessels (HSV) for Coast connection
- Offshore platforms to Hub connection by helicopters



Functions:

■ Transportation hub

- ✓ Heliport (takeoff and landing / fueling), helicopter hanger/elevator
- ✓ Air traffic control tower, air surveillance radar, airway beacon
- ✓ Berth for safe and efficient transfer of workers and cargo
- ✓ Cargo storage (fuel, food etc.)
- ✓ Accommodation
- ✓ Workshop for maintenance



■ Offshore disaster response base

- ✓ Oil fence, oil treatment, oil adsorbent
- ✓ Fire extinguishant
- ✓ Medical facility