1. existing situation.

2. Dismantle the structure for future uses.

3. Demolish the deck and pilings.

4. Build sheet pile wall; dewater.

5. Blend precipitation with concrete (DSm).


7. A combined new seawall.

8. Renovate the front part of the old pier.

9. Assemble the dismantled structure on a new floating foundation somewhere else; drag it to the site.

10. Build the connection.

**Building materials**

- Concrete box
- Metal structure
- Wood roof & wall
- Other elements

**Construction process**

- Floating control & structure
- Facilities
- Ventilation & heating
- Solar energy

**Water control**

- Pump
- Electricity from the city
- Gray water
- Waste water

**Floor heating**

- Air in/out
- Coolant / Battery

**Ventilation**

- Air in/out
- Mechanical ventilation system

**Heating & cooling system**

- Air flows
- Heating & cooling pipes

**Temperature**

- Summer
- Winter
- Spring / autumn

**Building direction**

- North (N)