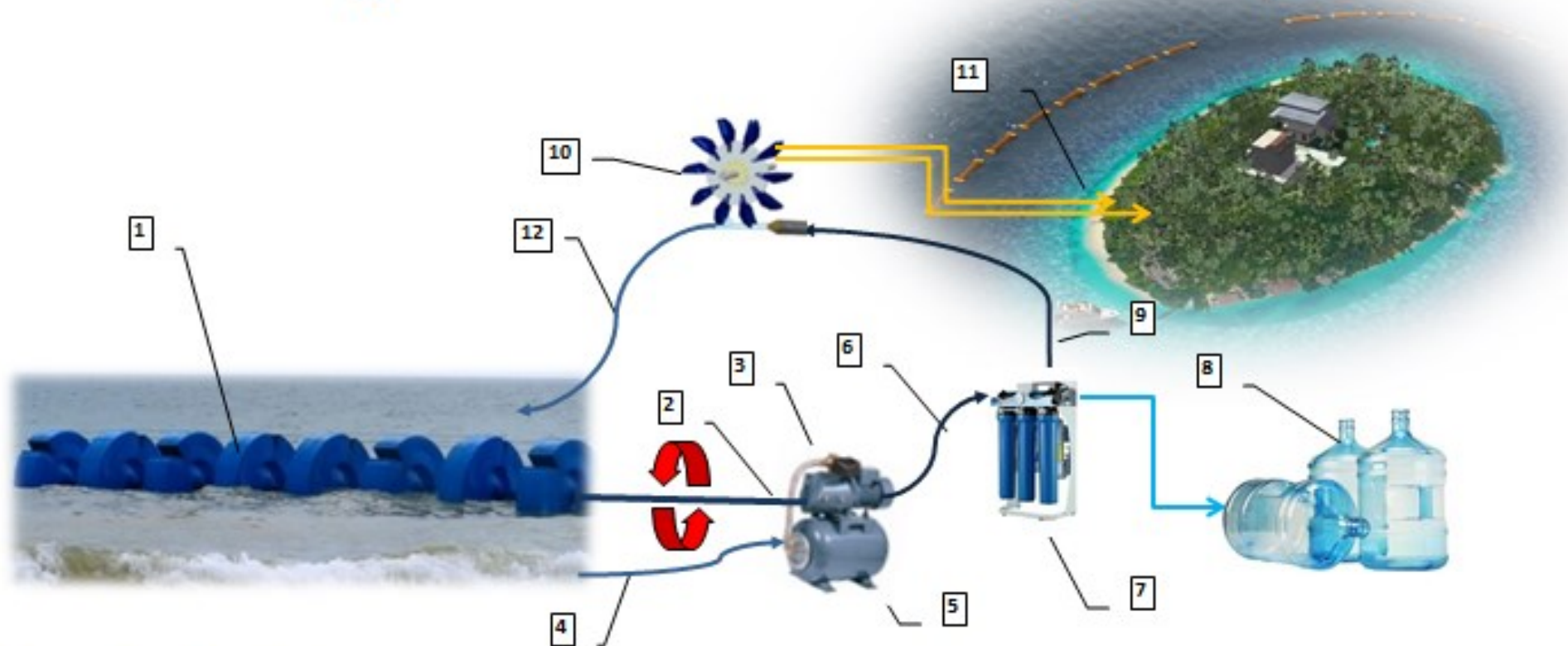


Schematic diagram of the installation and description of operation



Phase One - Desalination

- Modular device for converting wave energy (WEC) 1 transmit torque through the drive shaft 2 to the pump unit 3;
- The pump unit 3 provides the supply of sea water 4 through the pre-filter 5 and the subsequent supply of sea water under high pressure 6 through the membrane of RO-filter 7;
- The fresh water obtained in the RO-filter 7 is stored in the storage tank 8.

Phase Two - Power Generation

- After the filter 8, seawater under high pressure 9 enters the hydraulic turbine 10 to generate electricity 11;
- After the turbine 10, the seawater 12, already under normal pressure, returns to the sea.