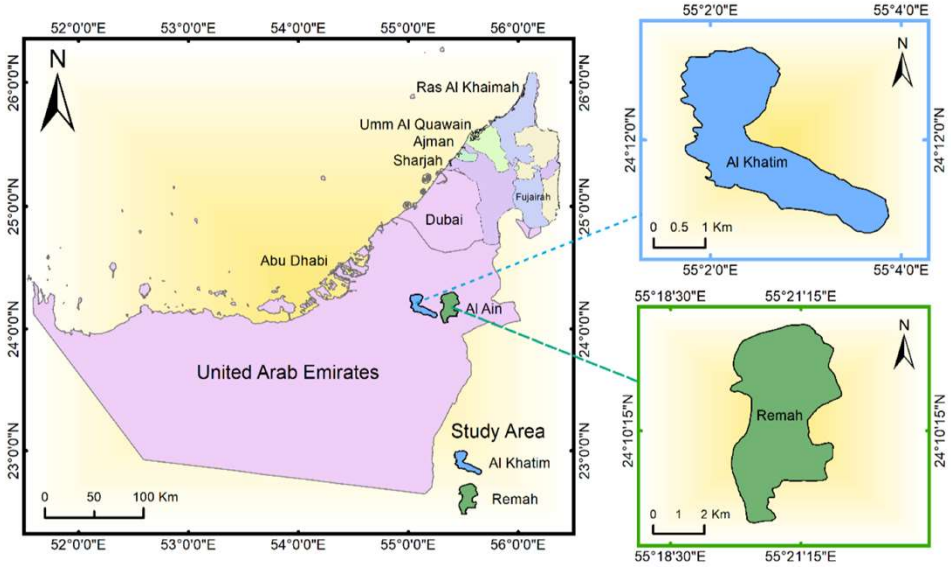

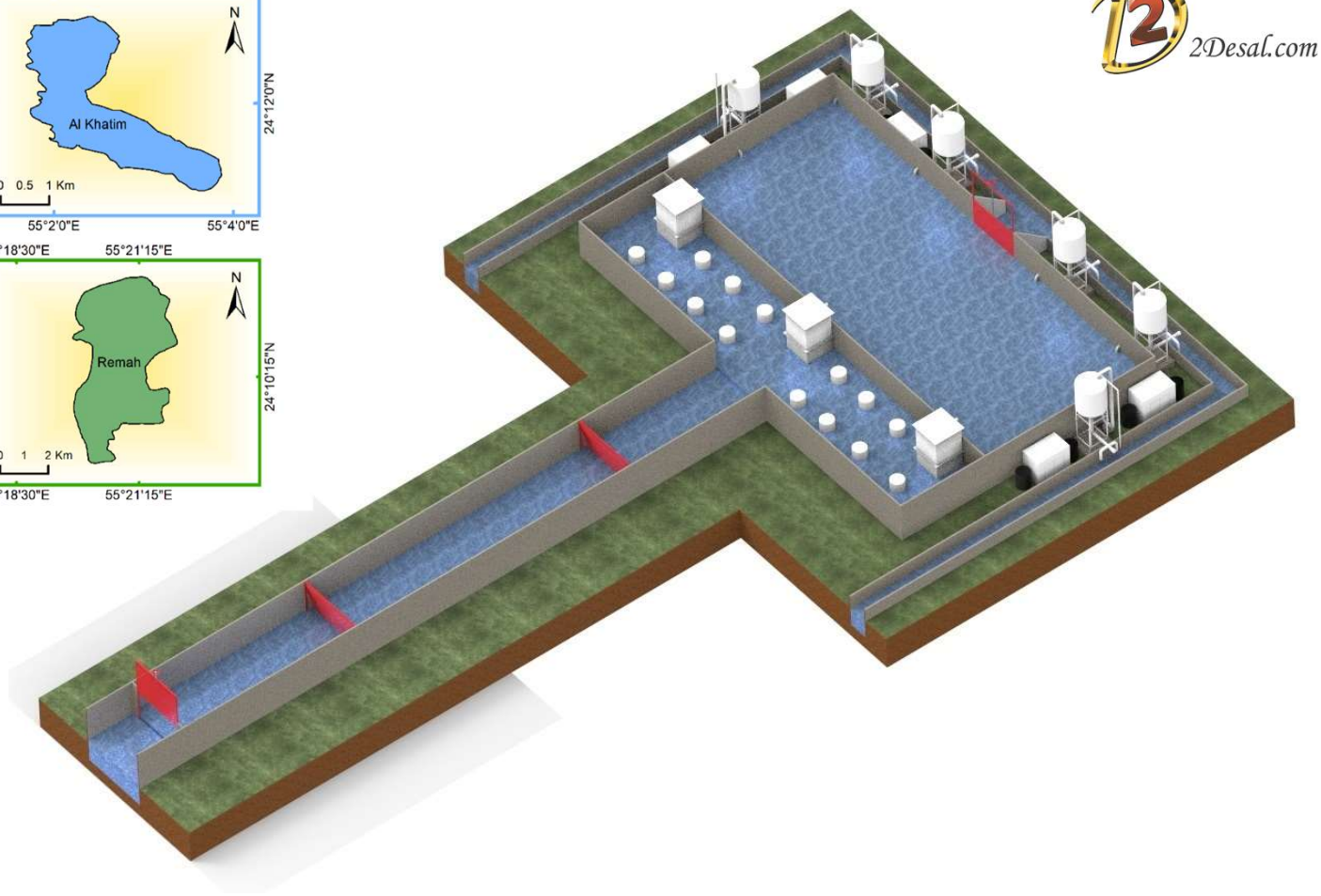

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2D Desalination

2D Superconducting Desalination Workflow

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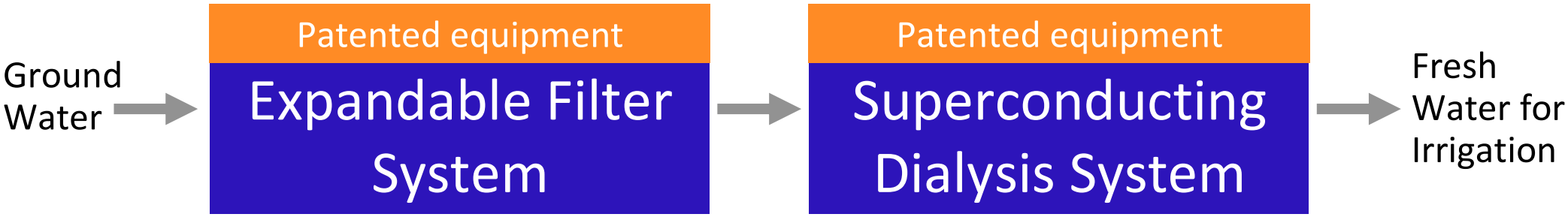
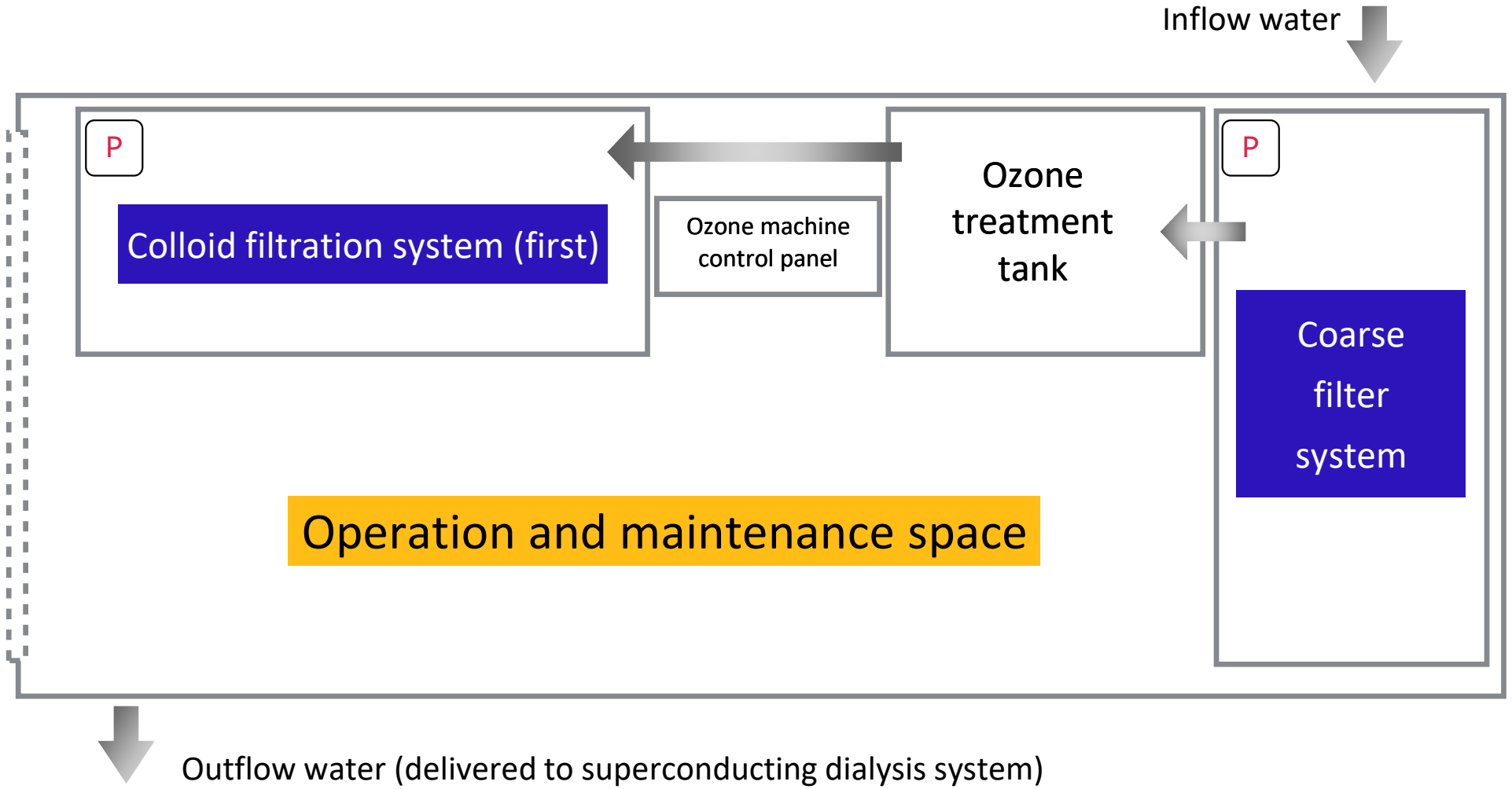


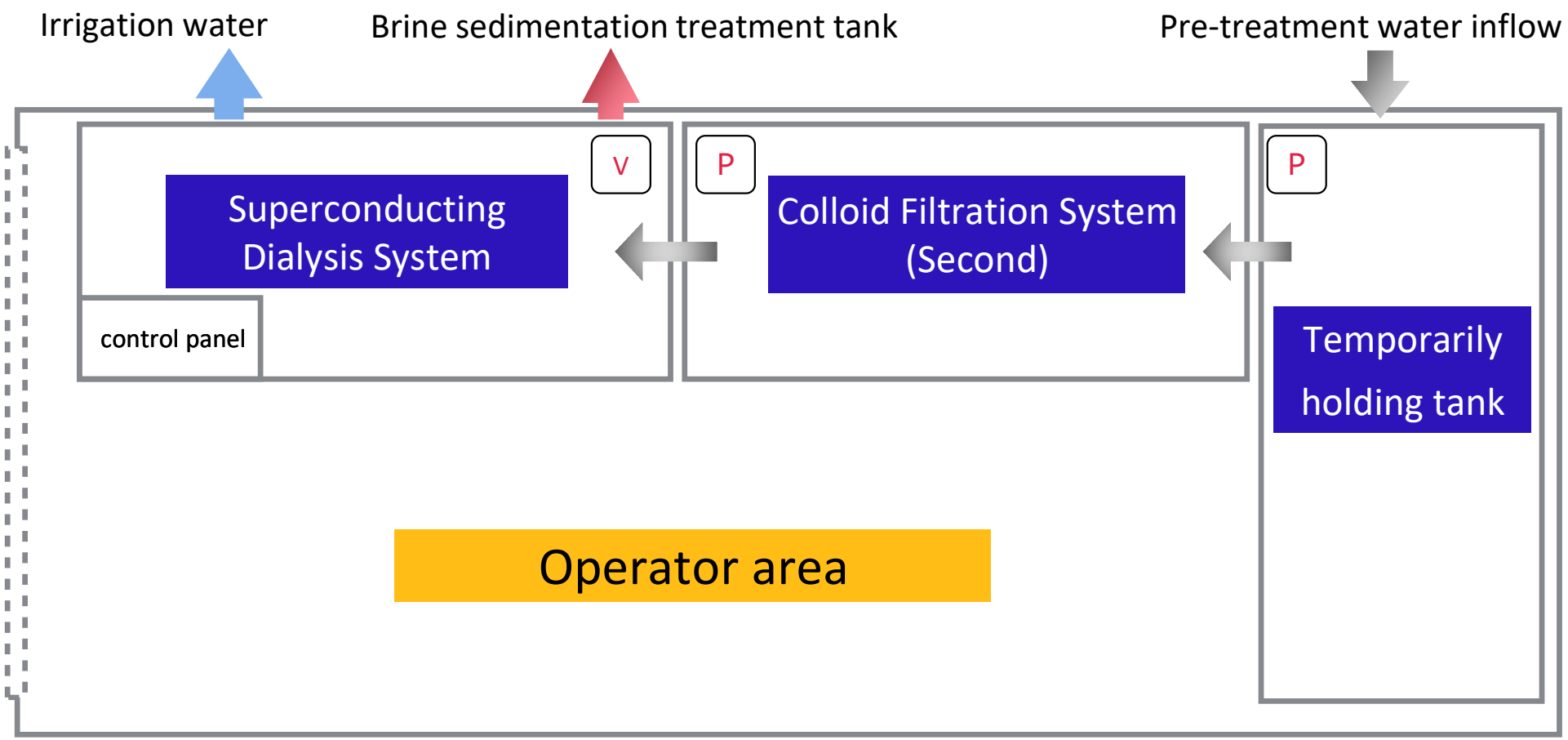
- Coarse filtration (sand, stone, plastic, and large objects)
- Fine filtration (colloid substance)

Equipment can be customized based on requirements

Pre-processing container

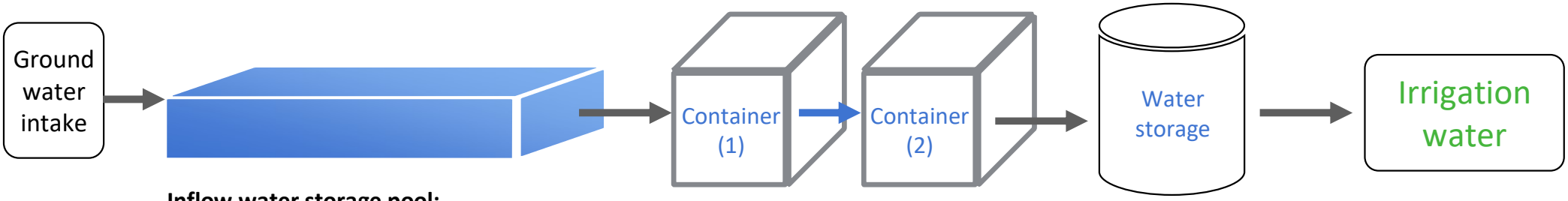


Superconducting dialysis container



Processing system diagram

Desalination system container:
Container (1): Pre-processing equipment
Container (2): Superconducting dialysis equipment



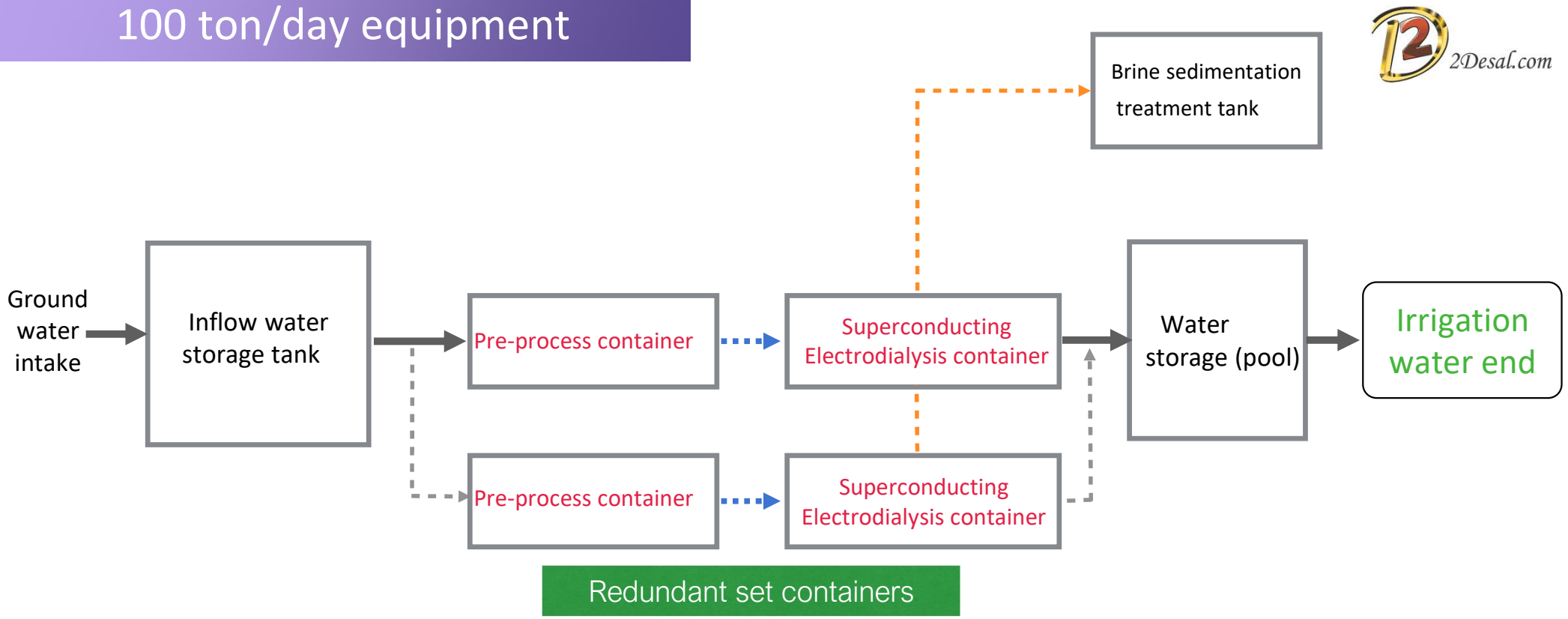
Inflow water storage pool:

10m x 10 m x1.5m: holds 150 tons
Providing 100 tons per day, needs to be filled daily.

20m x 20 mx 1.5m: holds 600 tons
It can be filled every 5 days.

Storage pool or bucket storage:
It needs to be greater than the water supply of the inflow water storage tank.

100 ton/day equipment



1. Designed to handle a maximum of 100 tons per day.
2. Redundant set for emergency, power generation or maintenance.

Onsite soler power generation

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A 40-foot container can hold about 10-12 pieces of 300W solar panels, providing 3KW~3.6KW power output meets the requirement of the superconducting system. Four containers can provide 12KW~26.4KW power output for the consumption for one set (two containers).

Depending on the situation, grid power or optional power storage system can be easily installed.