

Aims to improve quality of life of populations through better treatment & working conditions in rural and remote health facilities in Africa



Better Healthcare

Clean Energy Technologies Clean Water Facilities

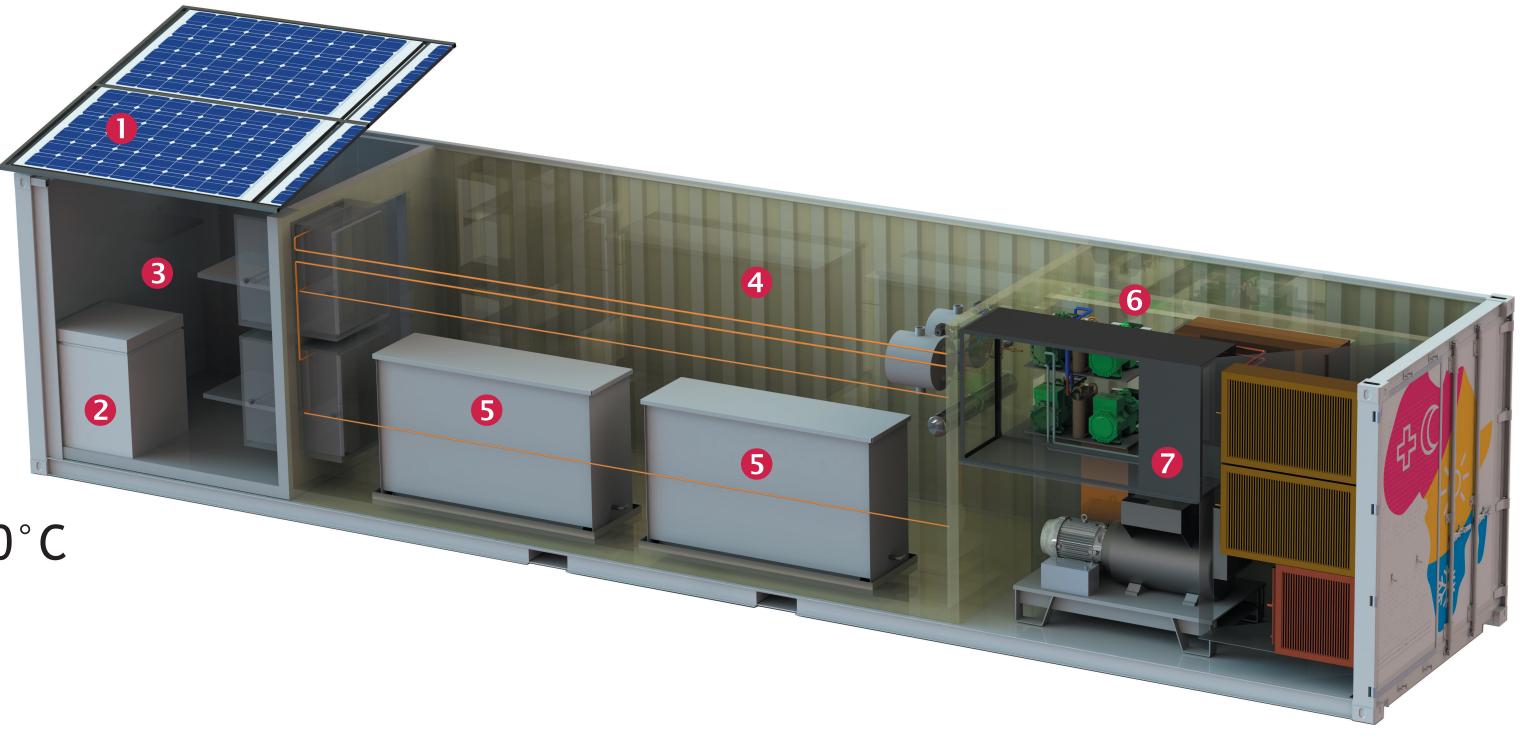
Clean Cooling
Solutions

SophiA Solar Cooling Container

- PV-Power systems
- Storage at -70°C
- Storage at -30°C
- 4 Storage at +5°C
- 5 Thermal energy storages
- 6 Machinery room
- Emergency lithium batteries

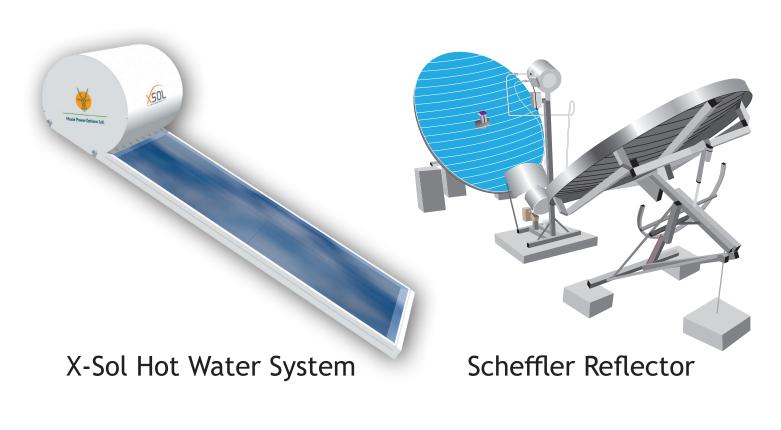
Ultra-low temperature storage of sensitive medication at -70°C

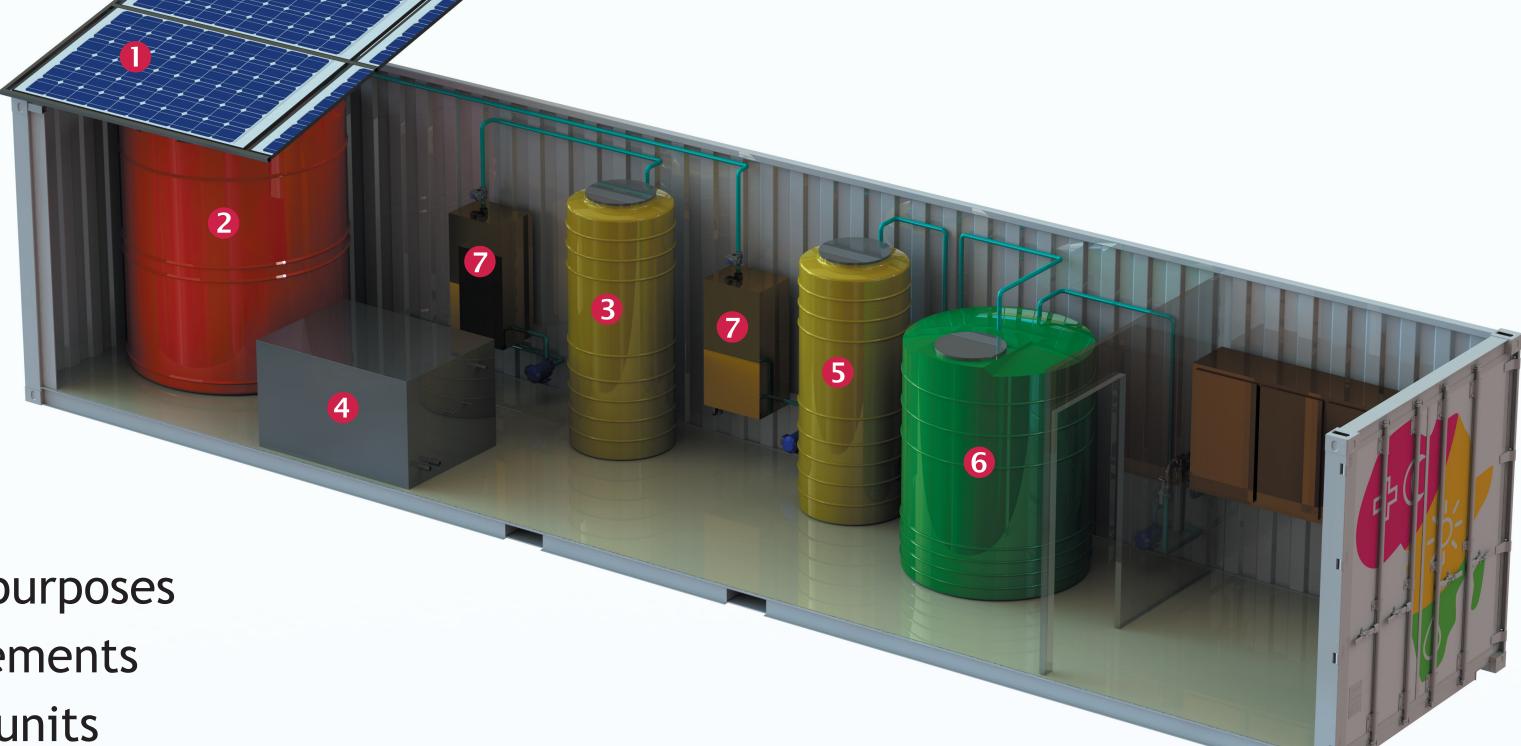
- Low temperature storage of blood plasma at -30°C
- * Cooling of medicines and food at +5°C



SophiA Solar Water Container

- PV-Power systems
- Storage tank for drinking water
- Beionised water storage tank
- PVsteamCube
- Buffer tank for UF treatment
- **6** Ultrafiltration (UF) tank
- Capacitive deionisation (CDI) modules





♣ Safe, clean drinking water and deionised water for medical purposes

Hot water and steam production for hospital thermal requirements

Emergency electricity supply for surgical and intensive care units



4 rural hospitals
in remote regions
as demo sites in
Burkina Faso, Cameroon,
Malawi, Uganda

