

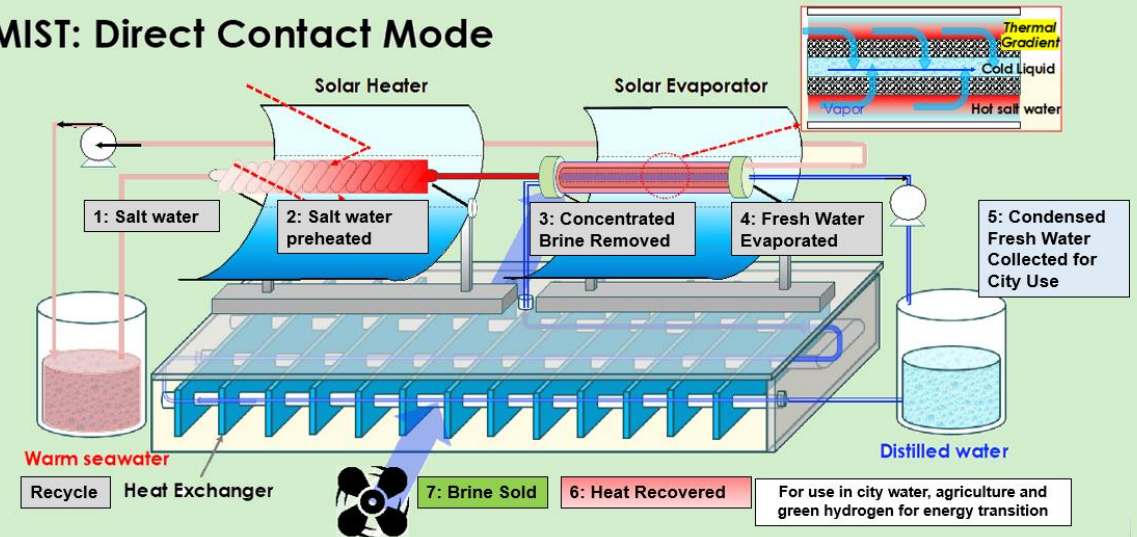
# Modular Intensified Solar-Desal Technology (MIST)

Cross-functional, Diverse and Inclusive Team



Nonmetallic Solar-Desal Technology System for Low Cap-X

## MIST: Direct Contact Mode



Solar-desal system: fresh water production and brine concentrate.

Universities, FFRDC, SME, Connector, End User & Test Site

- (4) Universities
  - 2 public,
  - 2 private
- (1) FFRDC: ORNL US
- (1) SME: Reactwell US
- (3) NGOs: EPIcenter, AccelerateH2O, part of Resilience Innovation Hub
- (1) City/Utility: DeQuincy, LA by Lake Charles

System Inputs and System Outputs

- (1) Input: Salt Water
- (1) Input: Solar Energy
- (1) Output: Fresh Water
- (1) Output: Deionized Water
- (1) Output: Metals
- (1) Output: Calcium Carbonates
- (1) Output: Brine (balance)

View State: Public Inquiries via website: <https://www.reactwell.com>