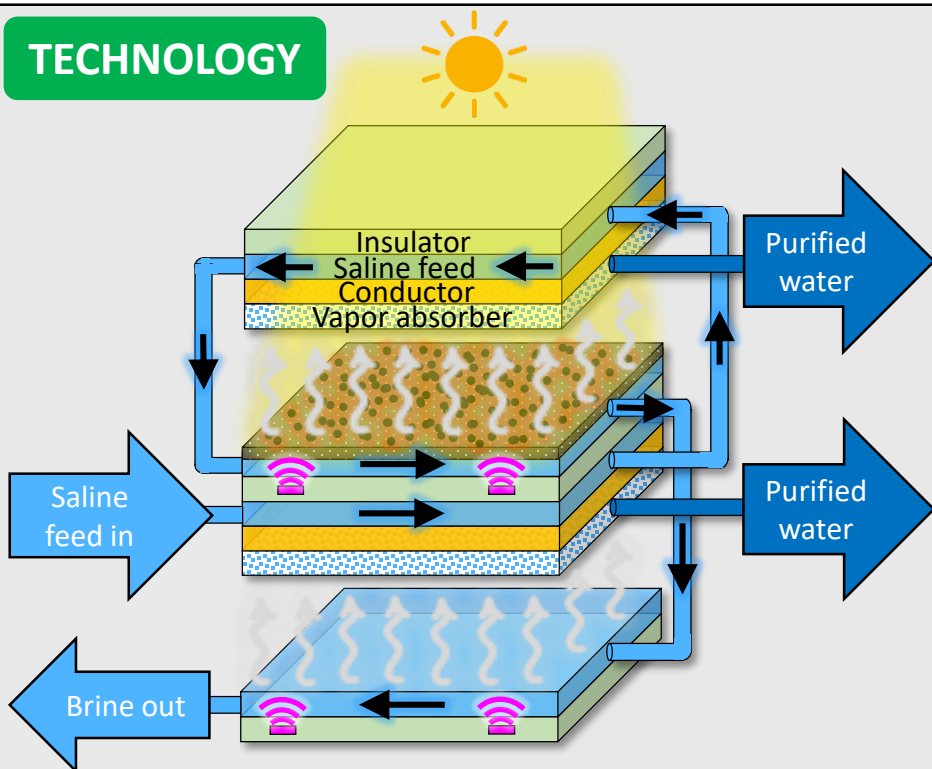


Solar Thermal Resonant Energy Exchange Desalination (STREED)

TECHNOLOGY



A nanophotonics based high efficiency, low-maintenance sun-powered desalination system

TEAM



RICE &



Customer Discovery & Market Research
- LWS & Rice Team

Research & Development
- Rice University

Field Testing & Evaluation
-BGNDRF, New Mexico & Tyson Ventures, Corpus Christi, TX

Product Development & Engineering
- Localized Water Solutions (LWS)

Large-scale System Optimization
-Sandia National Lab

Business Analysis & Marketing
- LWS & Rice Team

END USERS

Small communities & Municipalities

STREED can provide a decentralized point-of-use system to treat saline water off-the-grid at low cost

Desalination plants

STREED can enhance water recovery and reduce waste volume by complementing existing water treatment operations

Oil & Gas companies

STREED can deliver on-site produced water treatment reducing costs and converting waste to a valuable resource