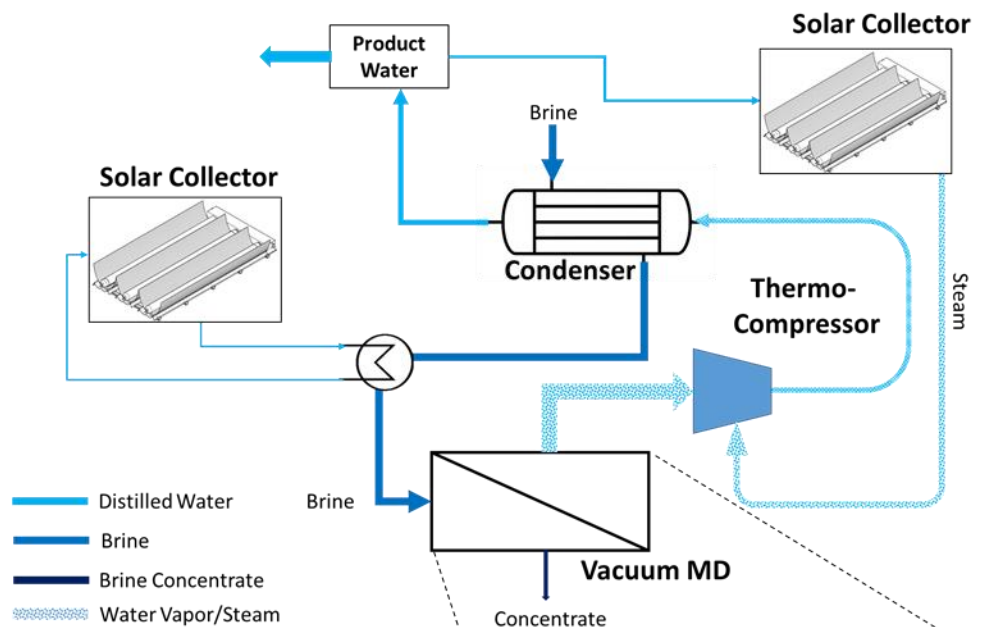


Technical Assistance Request

We are excited to proceed to the design contest phase of the American Made Challenges Solar Desalination Prize for our project entitled “Membrane Distillation with Ceramic Membranes”. We have an excellent team consisting of National Laboratories and private companies that are supporting our effort. Our demonstration partner is the Center for Inland Desalination Systems who will demonstrate our system at the Kay Bailey Hutchison Desalination Plant in El Paso, TX. We could use additional industrial partners as potential demonstration sites for the technology. Membrane distillation is particularly suited to high salinity wastewaters. We would therefore welcome teaming with a partner with existing ZLD or MLD systems in operation for applications such as, but not limited to, produced water, mining wastewater, industrial wastewater, and cooling water blowdown. If there is a company interested in a modular and intensified alternative to conventional brine concentrators and would be willing to partner with us, we encourage them to contact our team at jeffrey.mccutcheon@uconn.edu.



Ceramic membranes offer chemical, thermal, and mechanical robustness to enable solar-driven concentration of brines using membrane distillation

