



# Stewardship through Engineering

- Concentrated Solar Power absorbs a larger percentage of Solar energy than current Solar Panels and can be stored for use during peak hours when the sun does not shine.
- Current inefficiencies in converting this energy are limiting its use
  - High temperatures needed to efficiently use water as the working fluid
  - Large infrastructure
  - High upfront cost
- By changing the working fluid to carbon dioxide instead of water Abraham Labs can:
  - Decrease the temperature to achieve efficient transfer of energy
  - Reduce infrastructure cost
  - Allow underserved communities access to energy storage technology