Cooking on oil/rock bed heat storage. External cooker
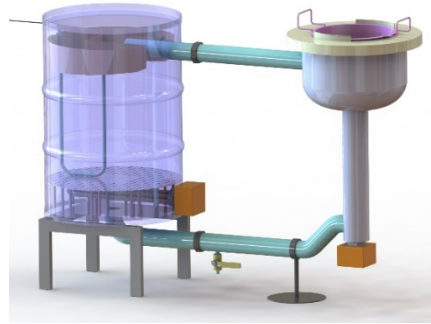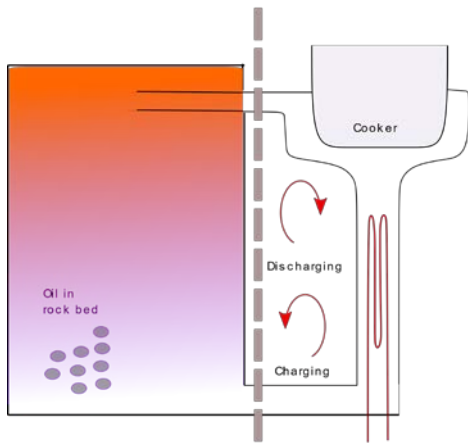

External cooker. Storage can be outside and upscaled

Natural circulation with a level control for temperature and cooking power

We like beans

- PV heating elements heats oil in a funnel below a cooker. The heat storage is a rock bed
- Natural circulation between cooker and storage is due to the density differences between hot and cold oil

Start with cold system

Heater on and no cooking
Circulation at overflow temperature

Heater on and cooking

Heater off and cooking on storage. Opposite circulation discharging the storage