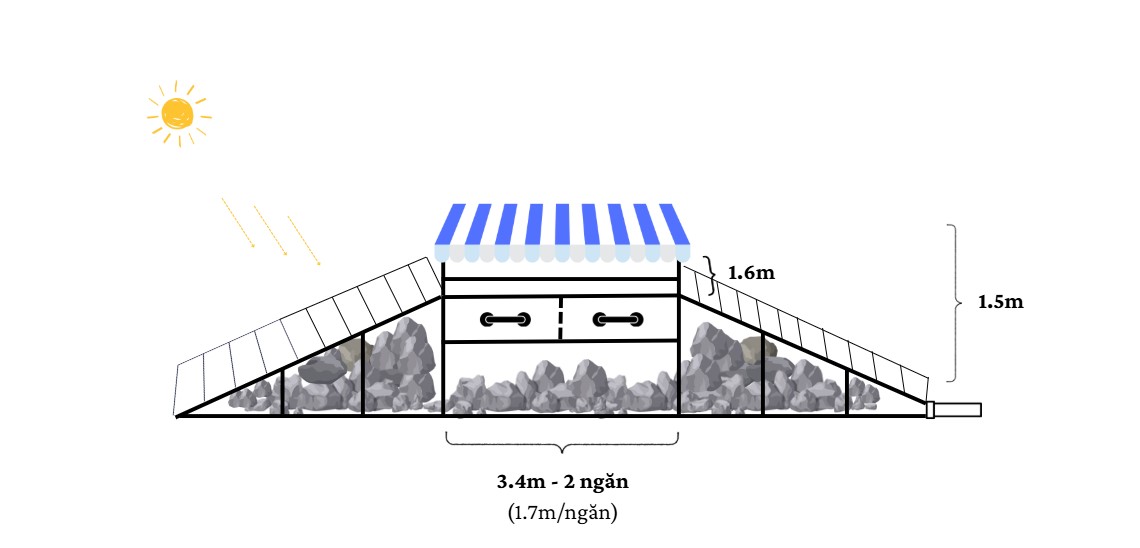
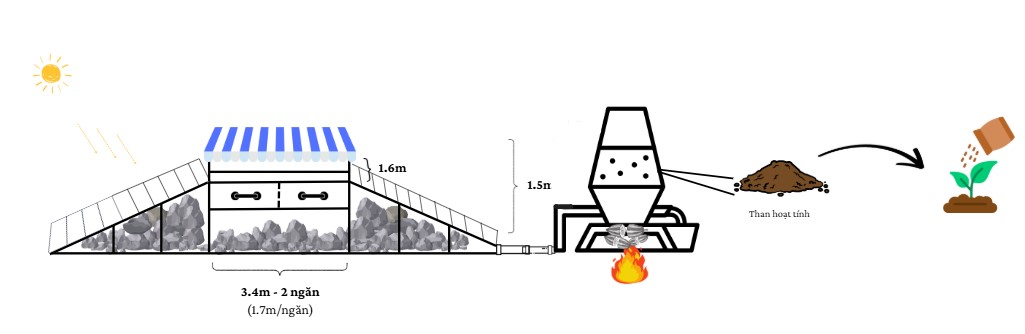
Technical specifications of existing drying systems

## Specifications of the Stone Drying Rack in Chau Thanh, Ben Tre Province

* Rack Dimensions (LxWxH): 3.4m x 1.6m x 1.5m
* Capacity: 150 - 200 kg of seeds per drying rack
* Drying Area: ~5.4 m² (yields 32 kg of dried seeds per 3-4 days/m²)
* Drying Process: Seeds are initially pre-dried for 3-4 days before being transferred to the stone drying kiln
* Drying Time:
  + Dry Season: Approximately 4-5 additional days
  + Rainy Season: Approximately 7-8 additional days

Illustrations of the existing drying rack and the expected system.



*Figure 1: Solar drying rack*****

*Figure 2: Solar drying rack combined with Biochar heat transfer*.

## Specifications of the Agricultural Drying Kiln in Ea Kar District, Dak Lak Province

**Capacity:** 4,500 kg of raw materials per drying batch.

Illustrations of the drying machine:

