

EWB-DK / SDU student project: **Handling and drying of crops**



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Handling and drying of crops

In the rural areas of Sierra Leone, cashews, cocoa, and coffee beans are grown, which are dried on sheets of plastic on the ground in the sun.

During the rainy season, it creates great challenges for the drying of the harvested crops, because if the farmers do not have time to remove the crops in time, the rain can cause mold and decay and mean a lower price for the collectors or no yield at all.

- What is the unsolved matter or issue?



Handling and drying of crops

Initial problem statement

There is a need for improving the handling process for harvested crops.

How can a system/ process be developed that provides drying of crops in an easy and simple way.

Initial suggested Constraints:

- The system can be built locally
- The system can be operated and serviced by the local producers/users and or local service providers
- The system can operate without external power supply





Drying of crops in the countryside