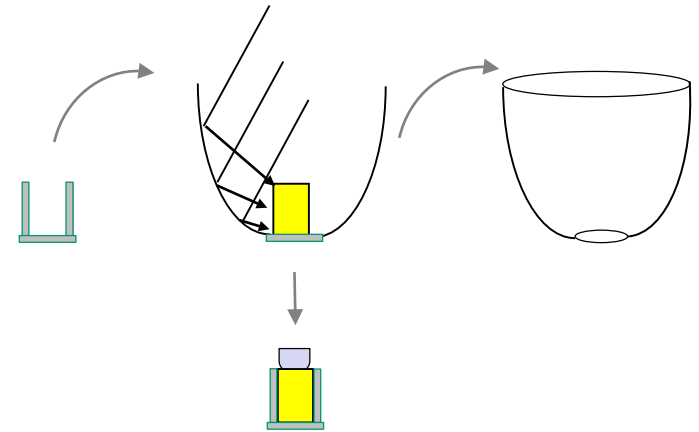


Cooking beans on a CPC funnel cooker

- A CPC (Compound Parabolic Concentrator) is positioned over a heat storage cylinder
 - Solar tracking should not be needed within the acceptance angle of the CPC
- When heat storage is charged, the CPC is replaced by insulation to cover the heat storage before cooking on the heat storage
- Testing with aluminum cylinder as absorber and with a simplified CPC geometry using 8 mirrors
- Storage temperatures did not reach sufficient for efficient cooking



Charge a heat storage and replace CPC with insulation before cooking



Concept testing with simplified CPC geometry (8 mirrors) optimized from ray tracing