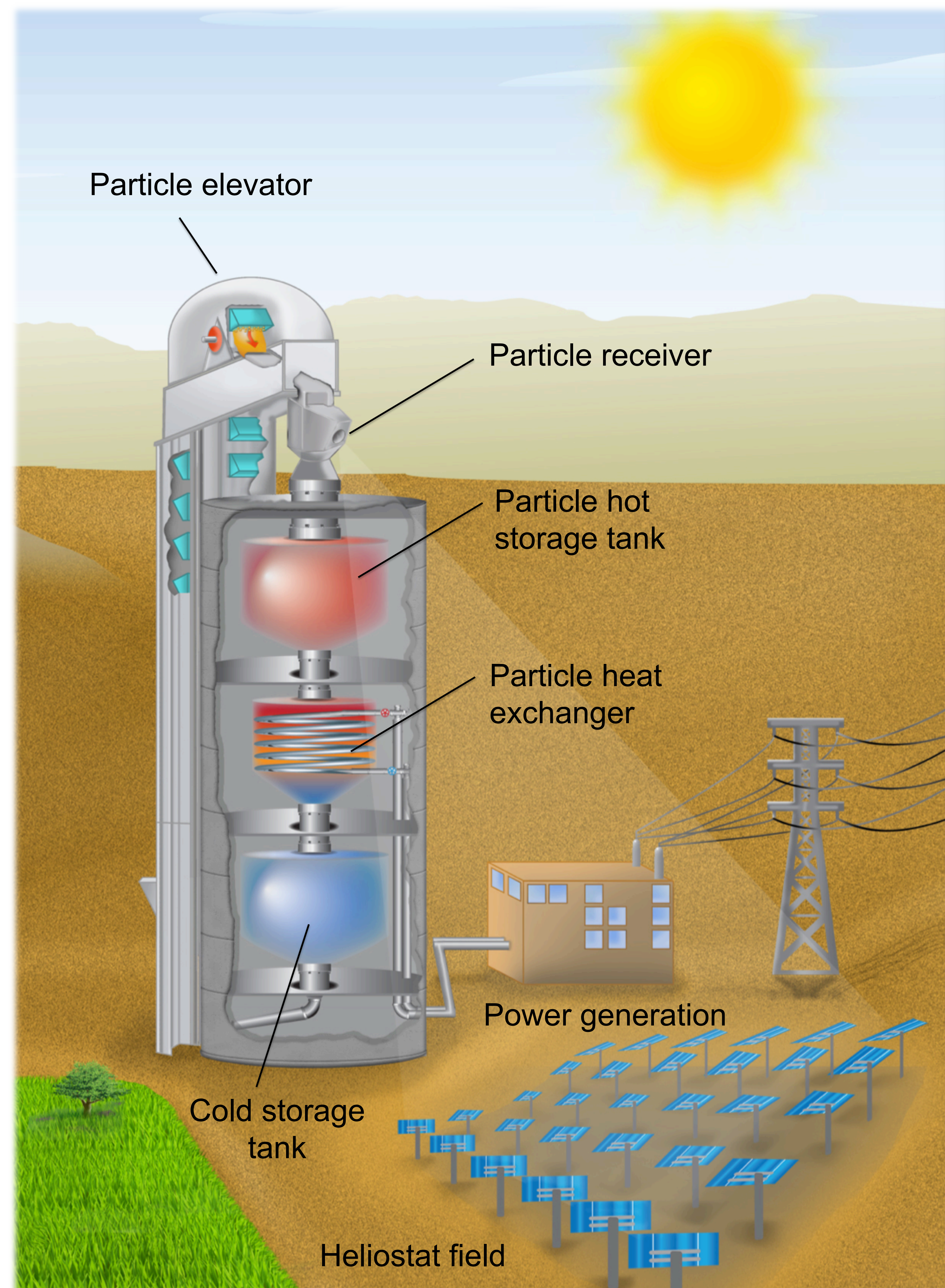


CONCENTRATING SOLAR POWER

High Temperature Falling Particle Receiver

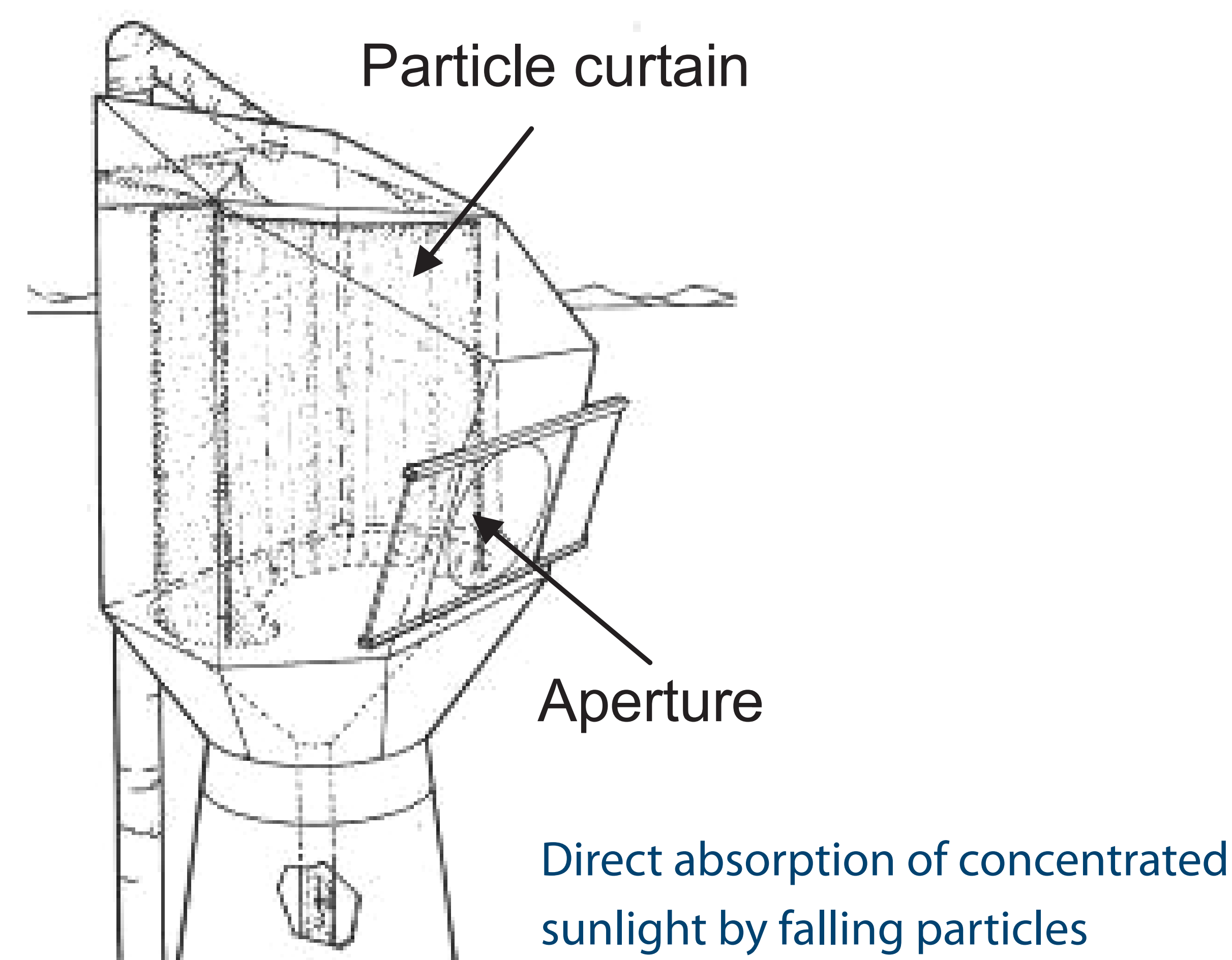


Overview

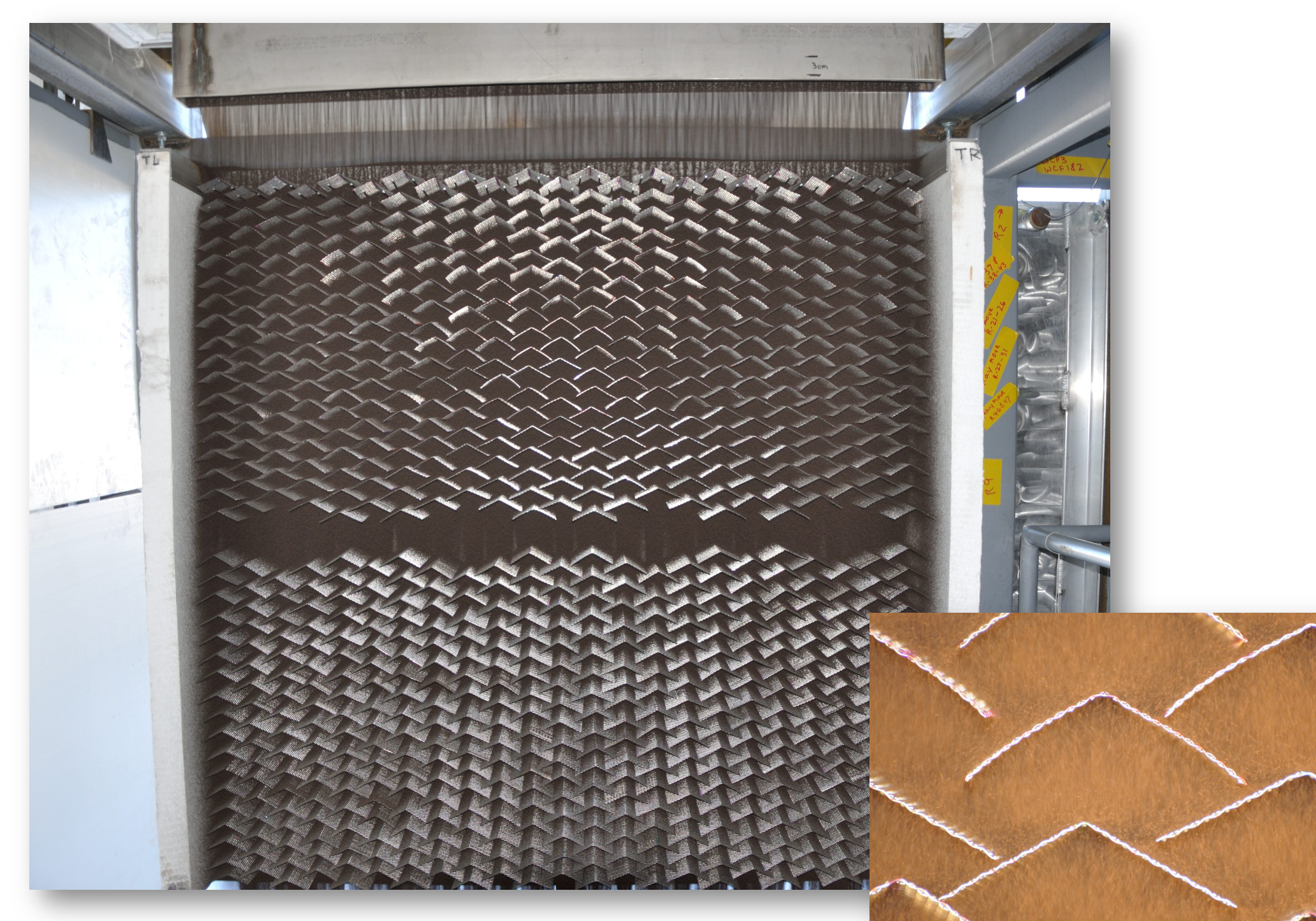


Conceptual drawing of a high-temperature falling-particle receiver system for concentrating solar power

Receiver Designs

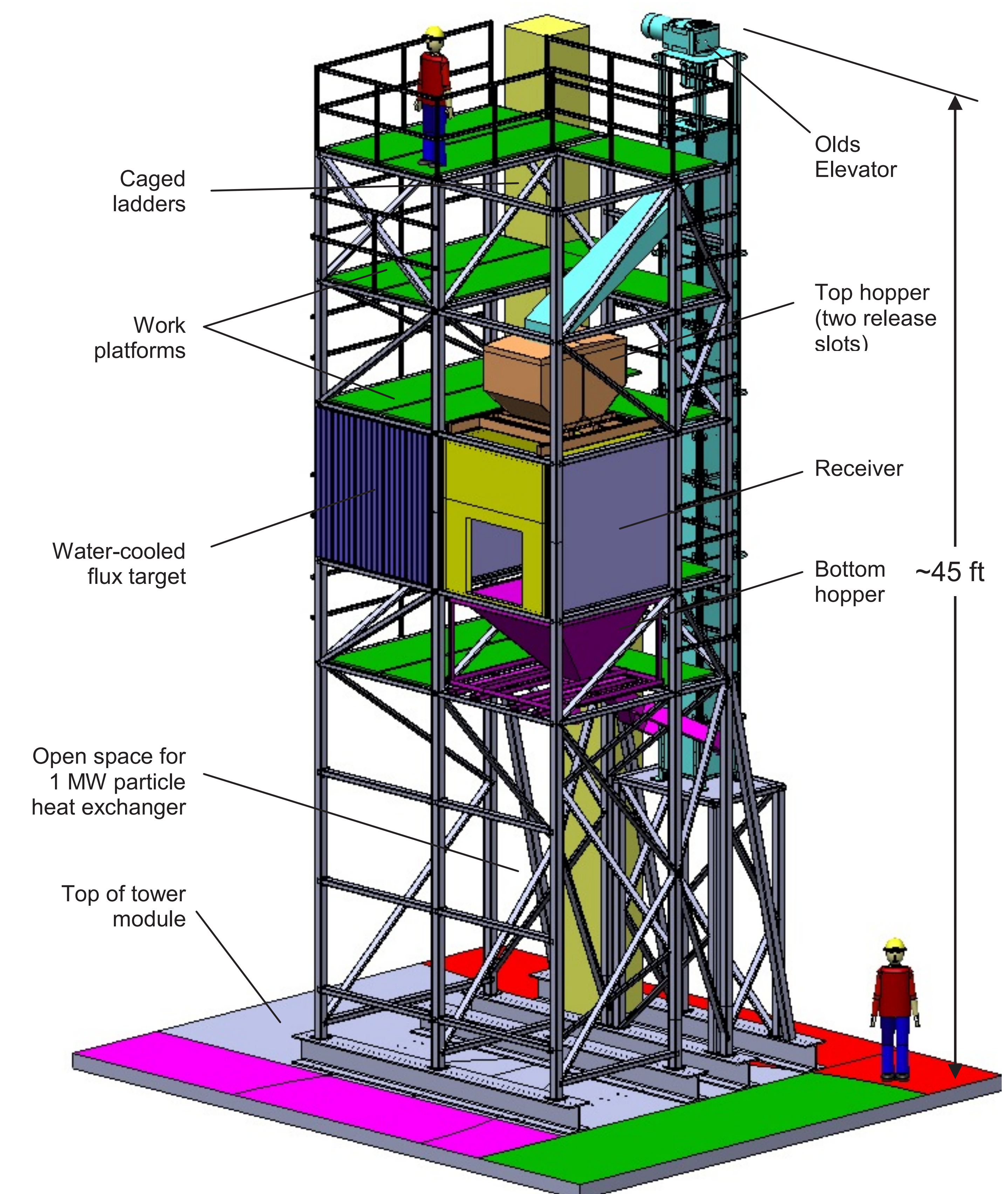


Free-falling particle curtain



Obstacles to slow down the particle flow

Prototype Testing



1 MWt On-Sun Prototype at the National Solar Thermal Test Facility, Albuquerque, NM

Key Partners

- Sandia National Laboratories
- Georgia Institute of Technology
- Bucknell University
- King Saud University
- German Aerospace Center (DLR)

