

# SEED Himalaya – Water Wheel

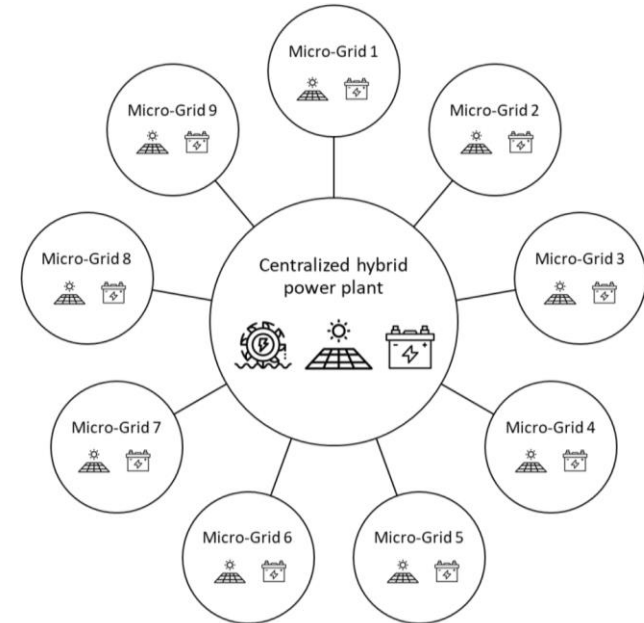
Water Wheel Show Case Demonstrator

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# Project Description

What is needed to achieve  
technological, social, and economical feasibility  
for decentralized renewable energy systems  
in remote mountain communities in the Himalayas?

# Water Wheel As Part Of The System



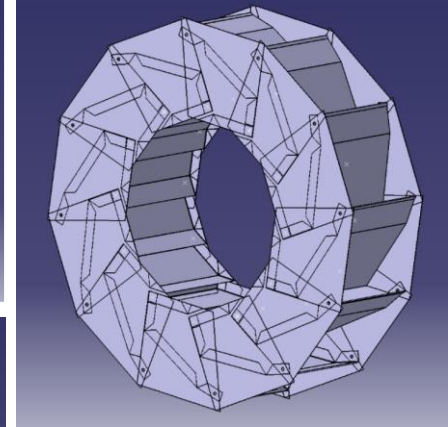
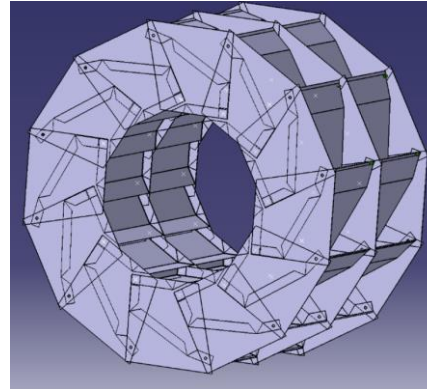
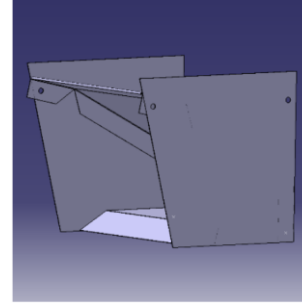
# Water Wheel Advantages

- Requires only a low head hight
- Modular design for maximum flexibility
- Local manufacturing, maintenance and repair
- Robust, simple and cheap design
- Great suppliment to PV system
- Alternative to expensive Batteries
- Base load ability
- Already implemented and tested

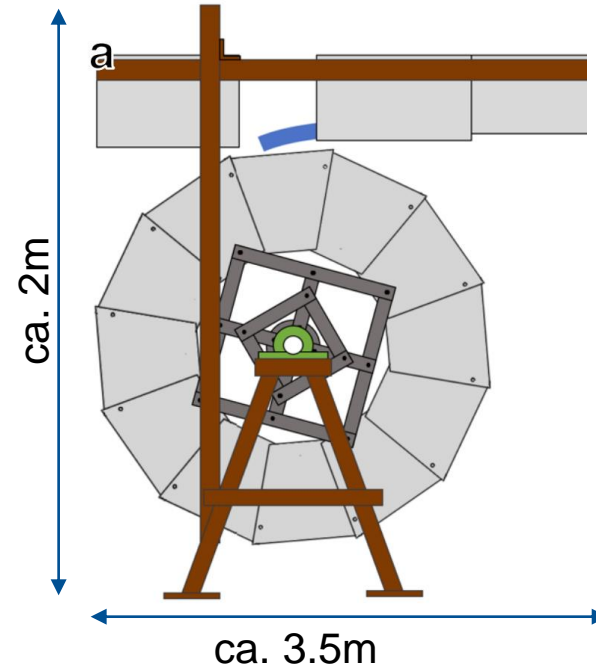
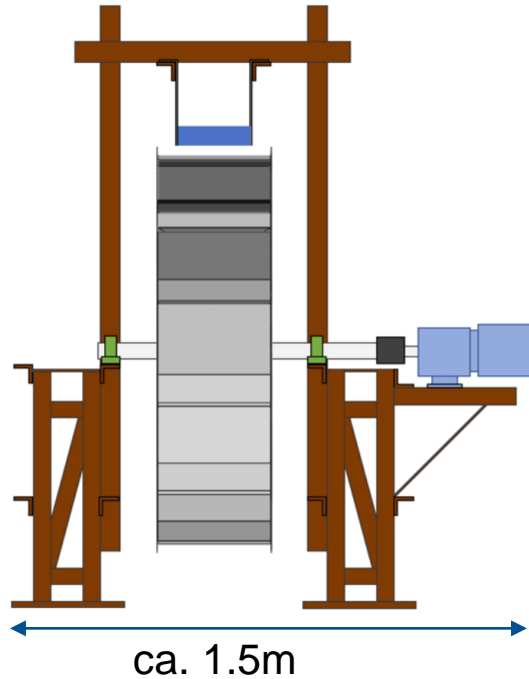


# Water Wheel Design

- Modular design based on cells, multiple cells form a wheel.
- Diameters from 1 to 2.2 meters can be manufactured.
- Multiple wheels in one setup to maximize power output



# Water Wheel Dimensions





# Questions ?