

VulcanKore's Game-Changing Technology: Cost Effective Harnessing of Concentrated Solar

Low-cost, Weather Resilient Concentrated Solar Power

Currently, Concentrated Solar Power Solutions are:

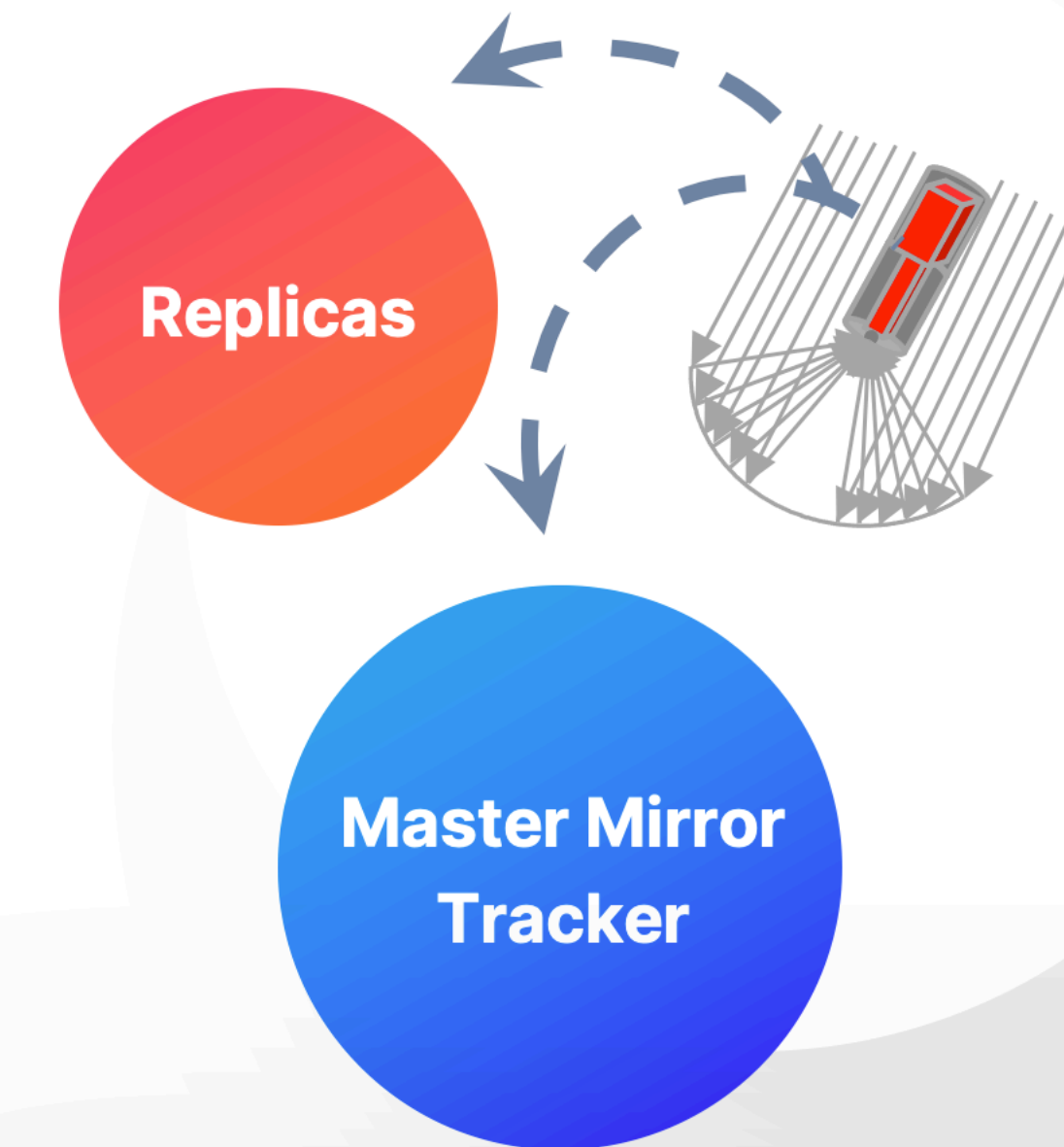
- ✗ Not easily scalable
- ✗ Require high upfront infrastructure costs
- ✗ Have high operational and maintenance costs
- ✗ Are low efficiency
- ✗ Don't predict errors
- ✗ Are not weather resilient
- ✗ Are only applicable in certain geographic locations

VulcanKore's Solution is:

- ✓ Scalable
- ✓ Has a low upfront infrastructure cost
- ✓ Has low operation and maintenance costs
- ✓ High efficiency
- ✓ AI in error prediction
- ✓ Weather resilient
- ✓ Has worldwide distribution through thermal batteries
- ✓ Applicable in space

The Utility of Our Approach - Improved global access to solar power allowing for:

- Residential space heating
- Hot water for buildings
- Electricity generation
- Heavy industry applications
- Biochar pyrolysis
- Plastic pyrolysis
- Tires pyrolysis
- Wastewater treatment
- Soil amendment
- Water distillation



VulcanKore takes a Community-Centered Approach

- Solar Technology Education within VulcanKore adopting communities
- Solar-powered economic development
- Intentional engagement of underserved communities to expand access to clean energy solutions
- Environmental justice via self sustaining economy
- Mitigations of pollution issues within communities
- Investment in R&D for next generation of energy systems

Solar energy Shines!!!