

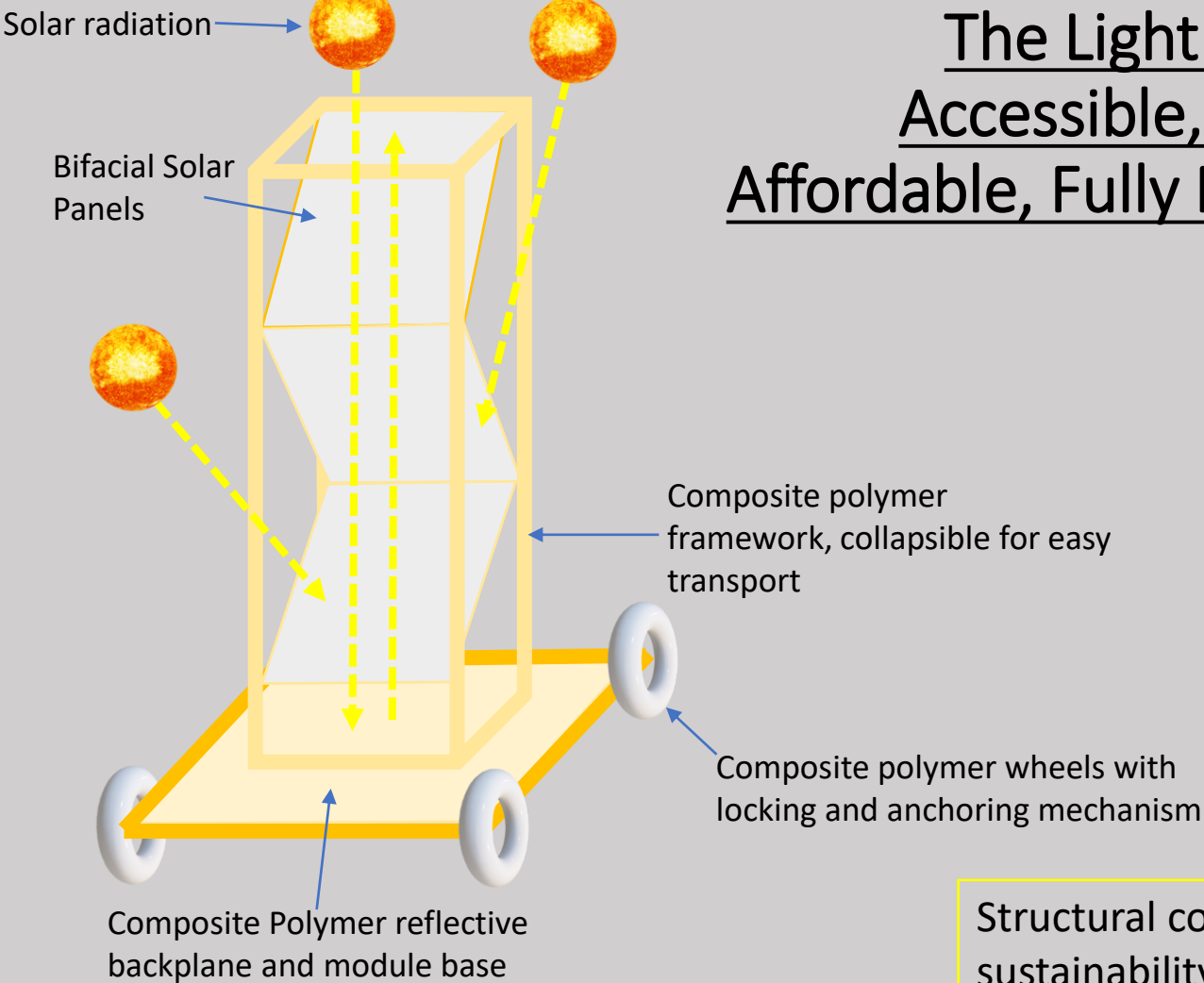
# The Light Ladder: Accessible, Portable, Affordable, Fully Recyclable Solar



Stack prototype from MIT that demonstrated an increase in harvested electricity of 60%+ compared to a conventional array

Structural components provide sustainability by utilizing a composite of the most readily recyclable material with a predicted life of 50+ years.

The composite polymer provides high light reflectance, acoustic reflectance, fouling resistance, thermal isolation, and electrical isolation at a fraction of the cost of conventional materials.



Portable system takes advantage of multiple angle of incidences of solar radiation as the sun transits while also maximizing bifacial panel functionality using a 90%+ reflective backplane.