How do we ensure a just and green transition?

West Virginia is traditionally underserved. As we transition into a green economy, it is important to assess best locations for renewables from a technical standpoint, but also from a political standpoint.

This suitability analysis combines both technical and social constraints to identify locations for investment in solar and wind, along with a weighted overlay.

**Constraints include:**
- average number of jobs in coal and gas by county
- transmission line accessibility
- population density by county
- wind power class
- groundmount photovoltaic potential

**Solar Suitability:**
Groundmount PV Potential*0.30 + Transmission Line Access*0.25 + Population Density*0.25 + Jobs in Coal and Gas*0.30

**Wind Suitability:**
Wind Power Class*0.30 + Transmission Line Access*0.25 + Population Density*0.25 + Jobs in Coal and Gas*0.30