

Concentrating Solar Power

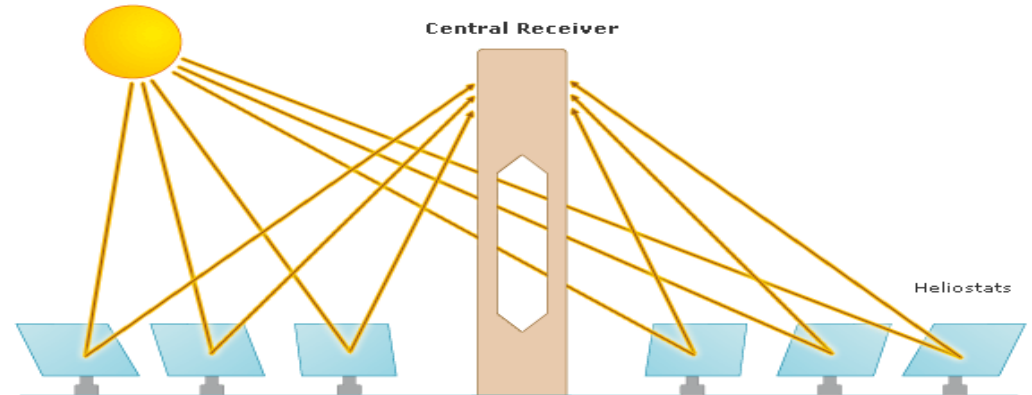
Dr. Fred Morse



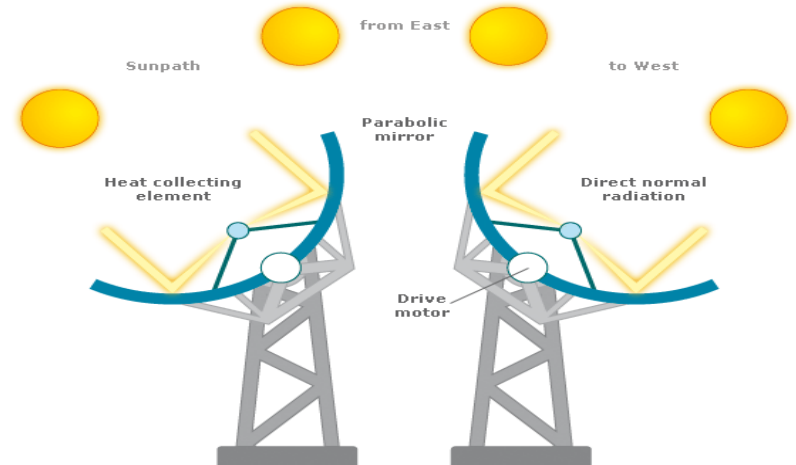
CSPA

Concentrating
Solar Power Alliance

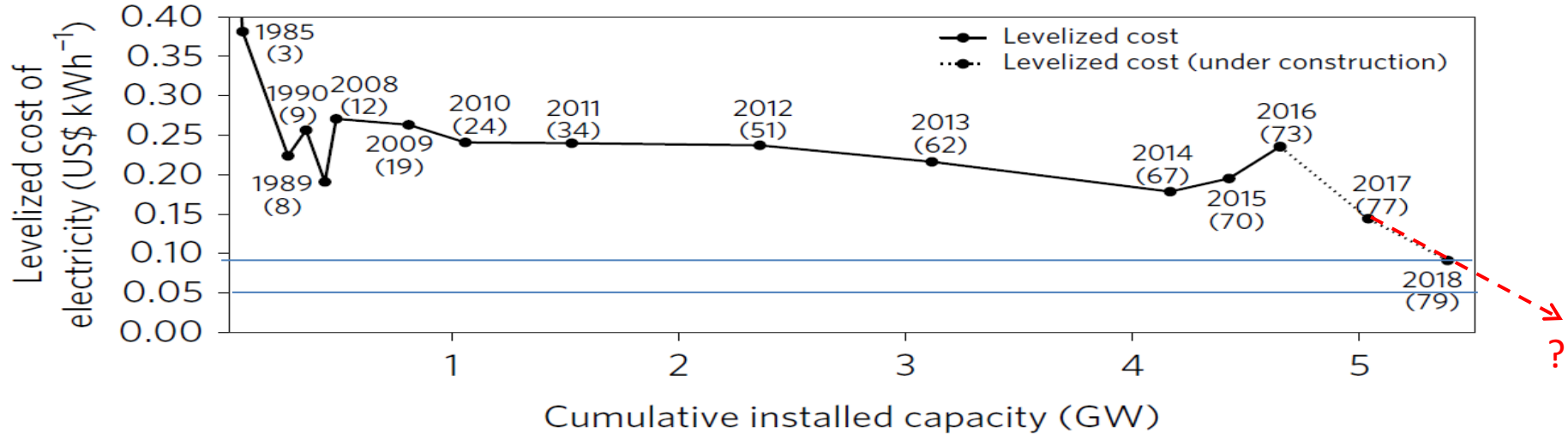
Power tower



Parabolic trough

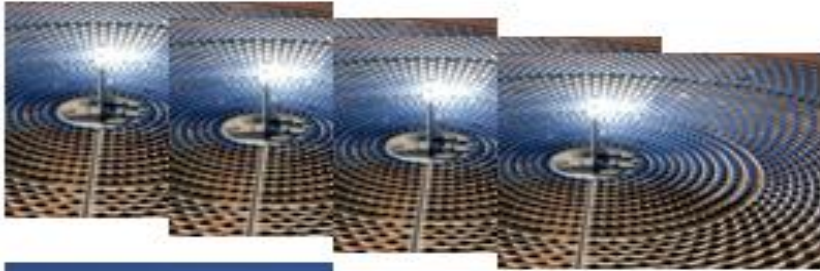


Impact of Policy and Learning on Cost Reduction



Source: Lilliestam et. al., "Empirically observed learning rates for concentrating solar power and their responses to regime change", Nature Energy, 2017

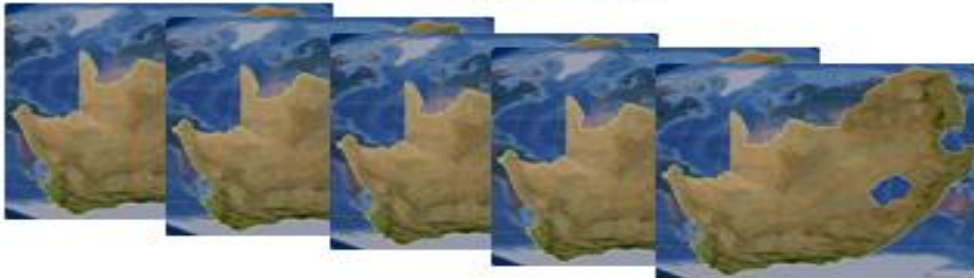
Recent CSP cost is coming down



↓ 50%



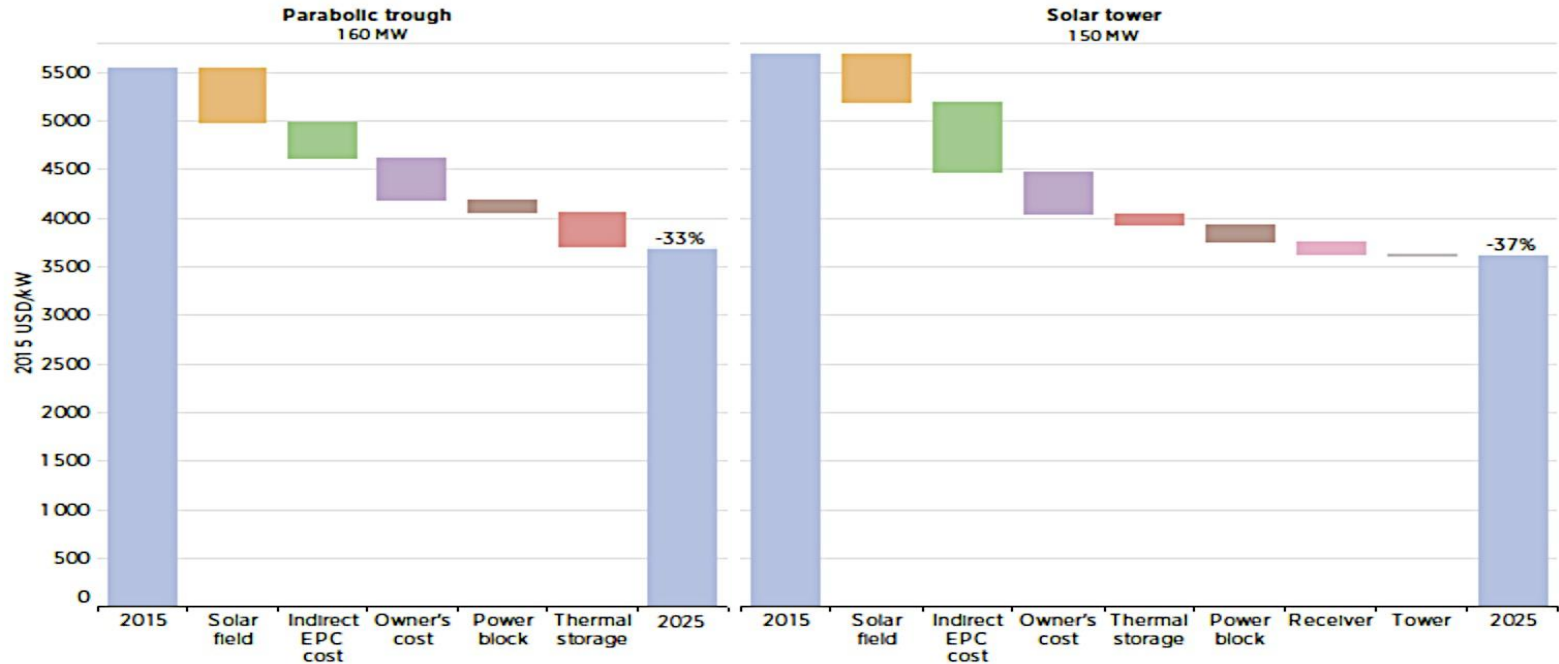
↓ 43%



↓ 40%

Future CSP Capital Cost Reductions

FIGURE 47: PTC AND ST TOTAL INSTALLED COST REDUCTION POTENTIAL BY SOURCE, 2015-2025



Source: IRENA and DLR, 2016.

Assembly Jobs



Field Jobs





Dr. Fred Morse
President, Morse Associates, Inc.
CSP Alliance
and
Chair, Utility-scale Solar Power Division
Solar Energy Industries Association
202-276-0518
fredmorse@MAIenergy.com