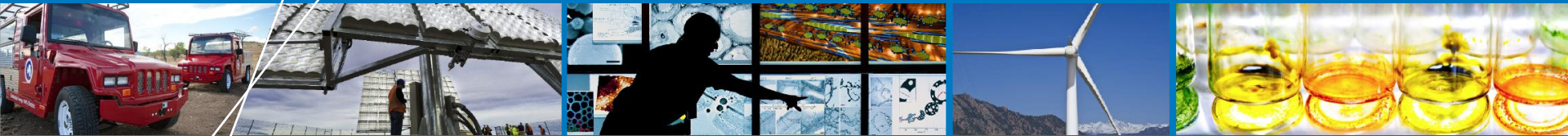
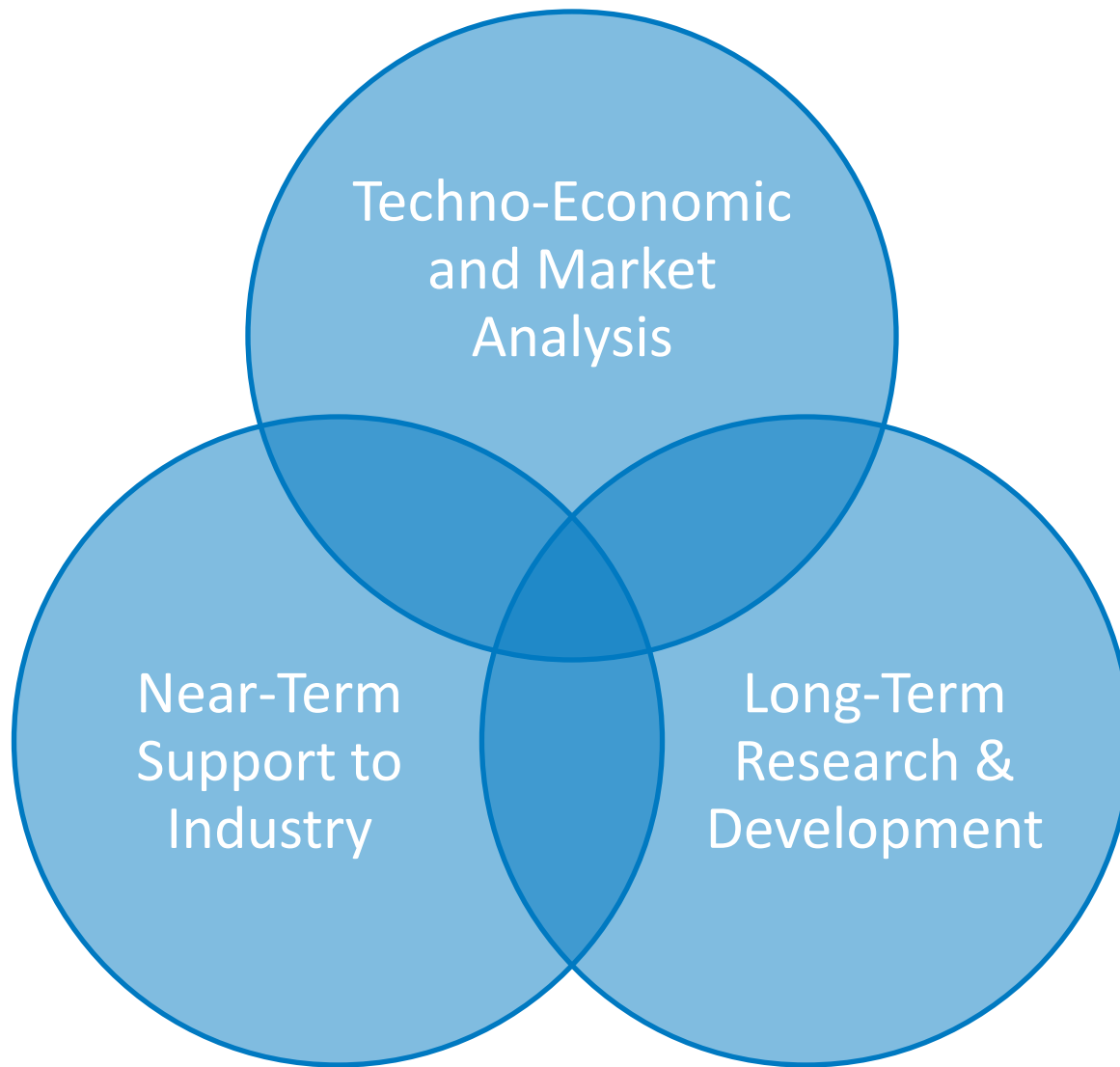


The Role of Research and Importance of International Collaboration as a Benefit to Industry

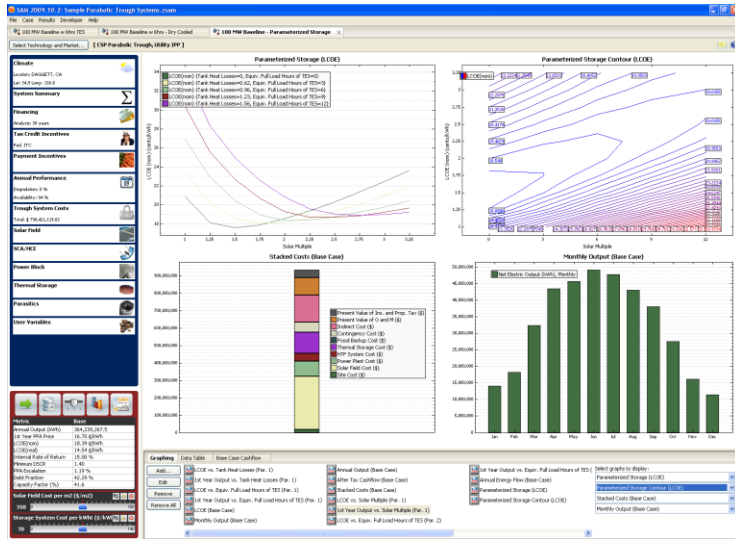


Mark Mehos
CSP Program Manager
Thermal Systems R&D Group Leader
National Renewable Energy Laboratory

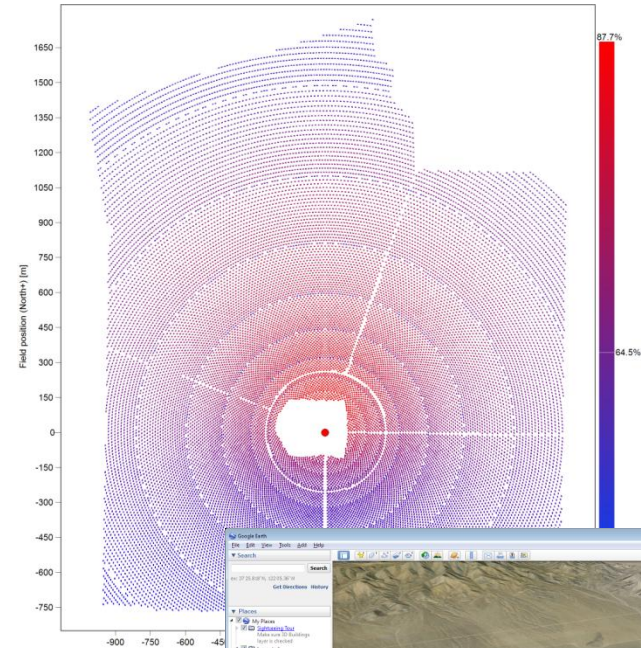
Collaboration



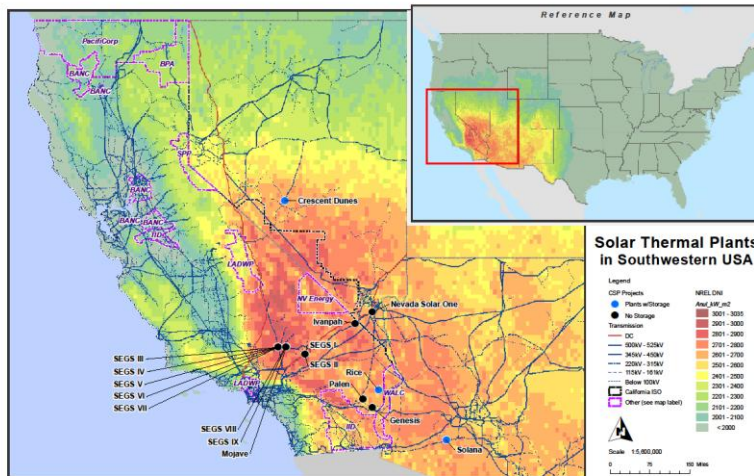
Techno-economic and Market Analysis



Solar Field Optimization (SolarPILOT)

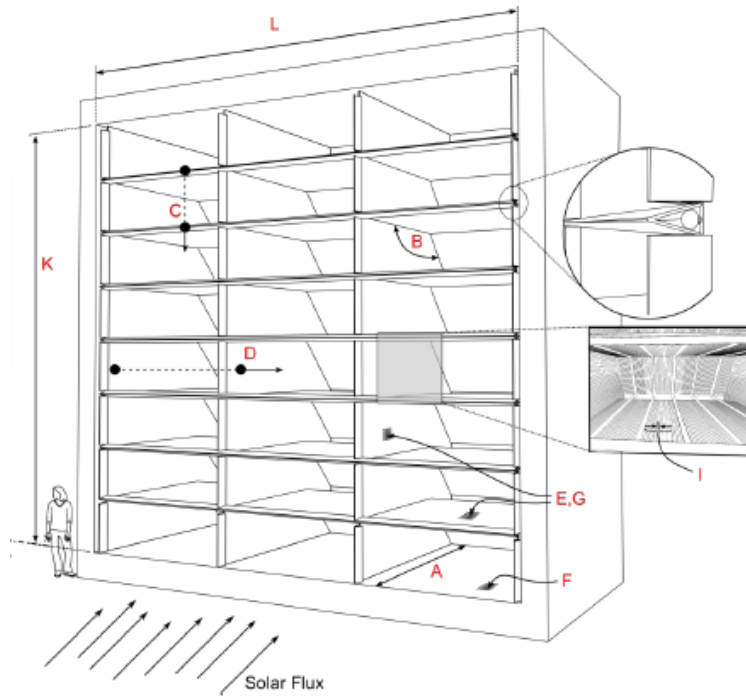


CSP Systems Analysis (SAM)

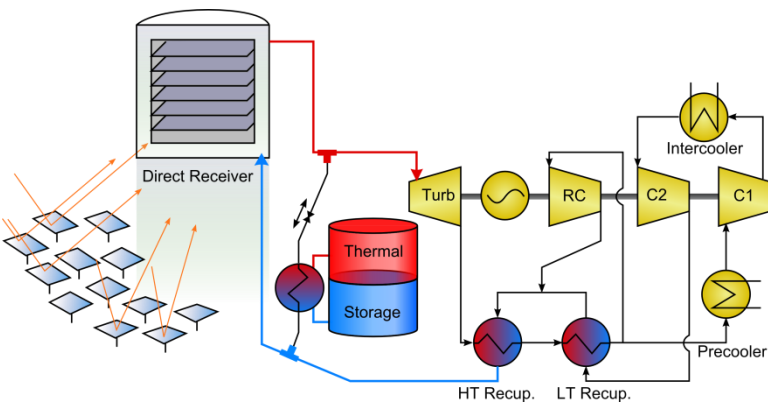


Grid Integration - PLEXOS

Development and Characterization of Advanced Components and Materials



Characterization and Development of HTF/TES Materials and Advanced Protective Coatings

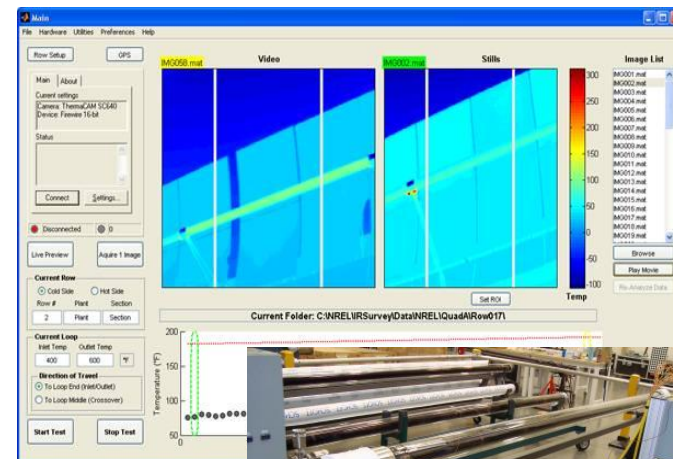


High-Temperature Receivers Integrated with Advanced S-CO₂ Cycles

Near-Term Support to Industry Projects



Field Characterization of Collectors
(Distant Observer)



Receiver Heat Loss and Hydrogen
Mitigation (Thermal Scout)



Laboratory Characterization of
Mirror Optical Performance
(SOFAST, VSHOT)