

Technology to Market Programs Lidija Sekaric

SunShot Grand Challenge Summit

The SunShot Portfolio





Tech to Market Portfolio



scale-up



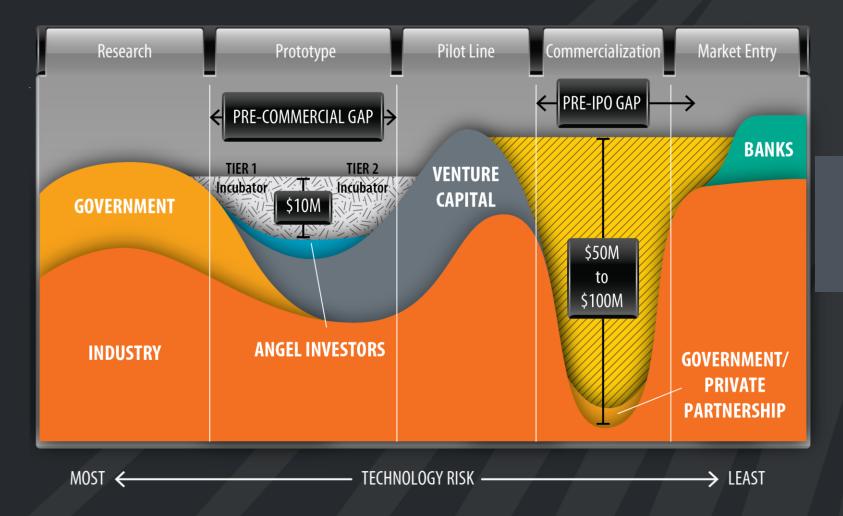


- Cost
- Competitiveness
 - Market



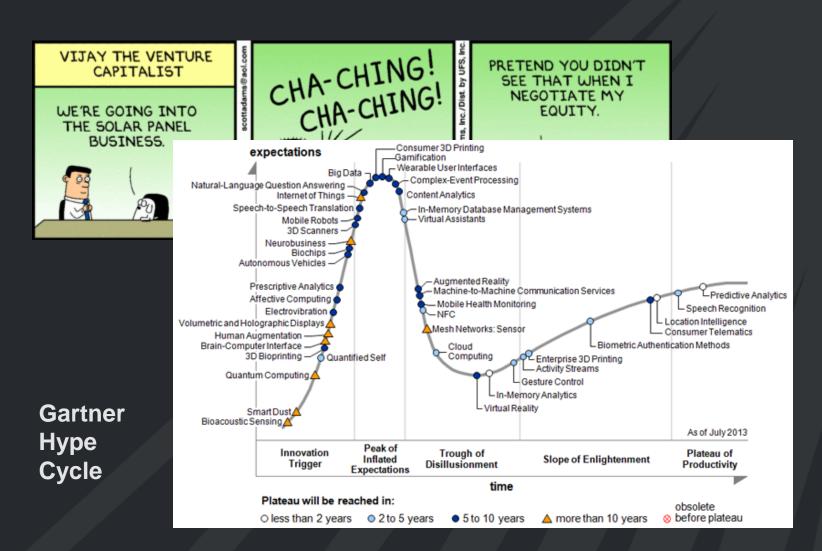


Bridging the gaps





Solar Technology Expectations Before 2008









Technology-agnostic, market-focused

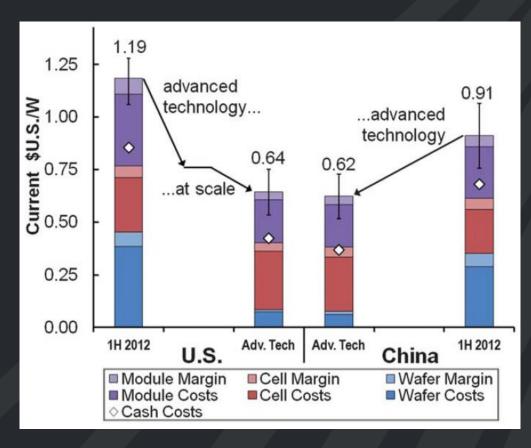
SolarMat 1, \$15M, FY13

SolarMat 2, \$25M, FY14

NREL LPDP Agreement, \$3M, FY13-16



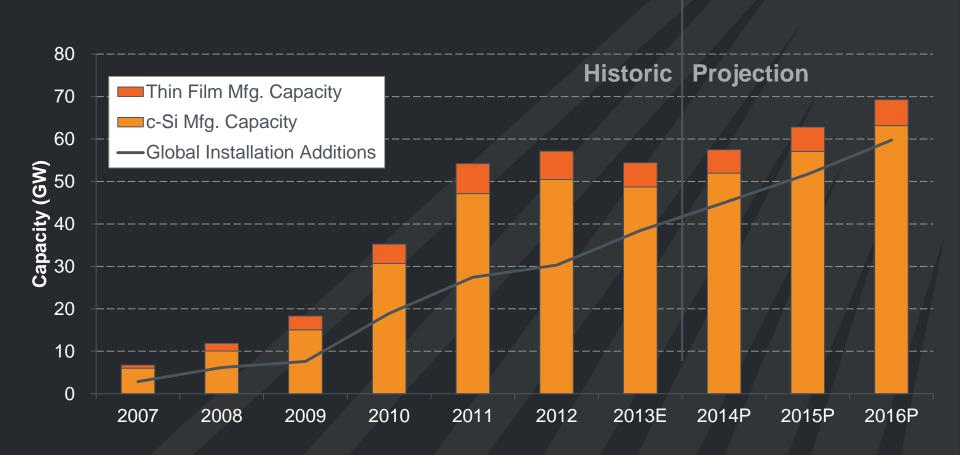
Innovation + Scale



Goodrich et. al., "Assessing the drivers of regional trends in solar photovoltaic manufacturing," Energy Environ. Sci.



Global PV Manufacturing Capacity vs. Demand





Manufacturing



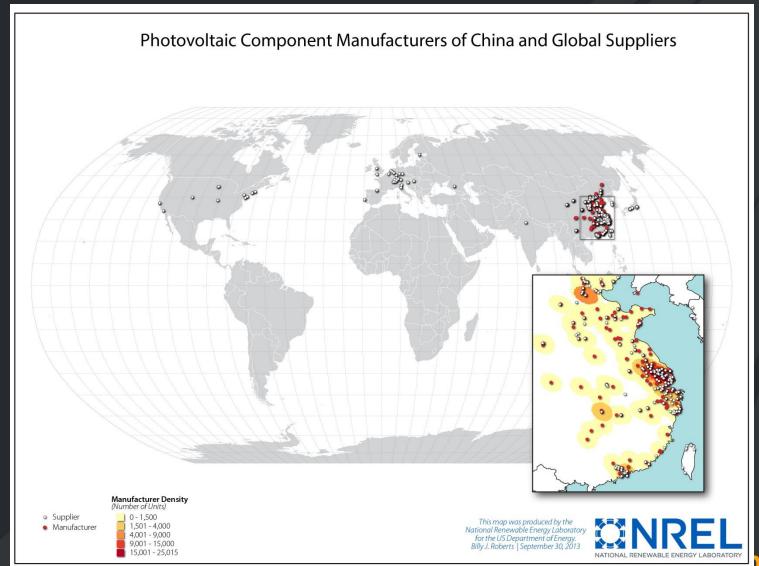
"Abandoning today's 'commodity' manufacturing can lock you out of tomorrow's emerging industry."

- Andy Grove, co-founder, former CEO, Intel

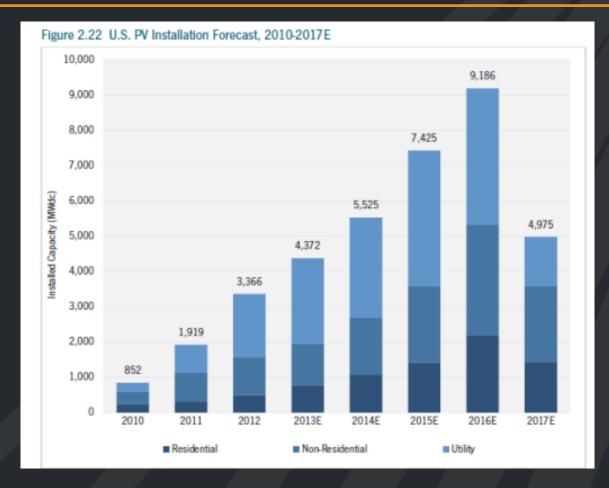




Supply Chain

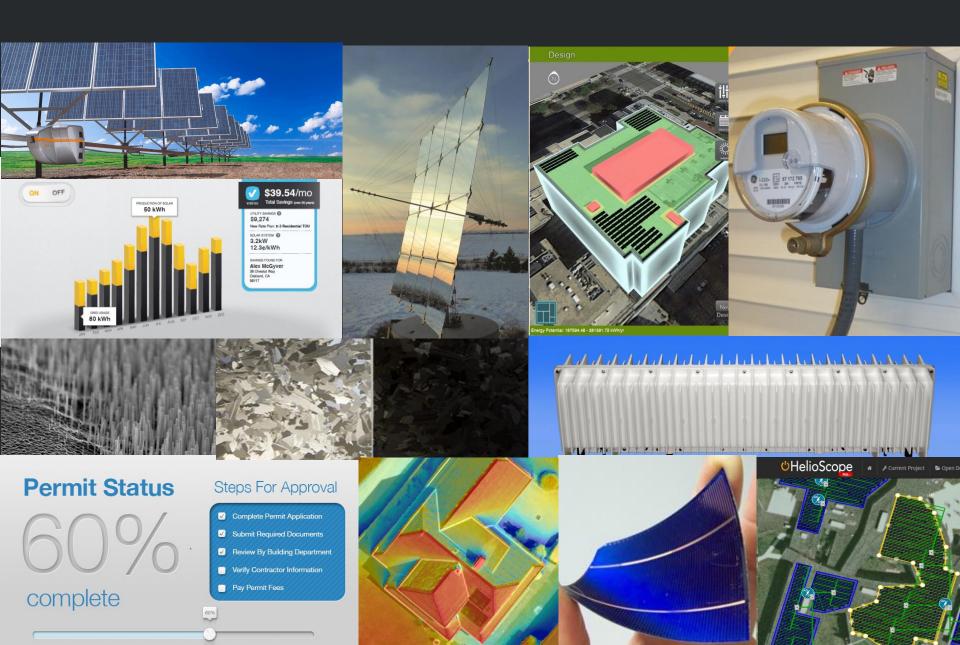


Solar, Post-2016 Projections (GTM/SEIA)



Landscape for solar deployment post-2016 will highly depend on how far costs have decreased by 2016.

Commercialization and Business Innovation



Tech to Market Portfolio



Manufacturing innovation and scale-up





- Cost
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 - Market



