

Domestic shale gas

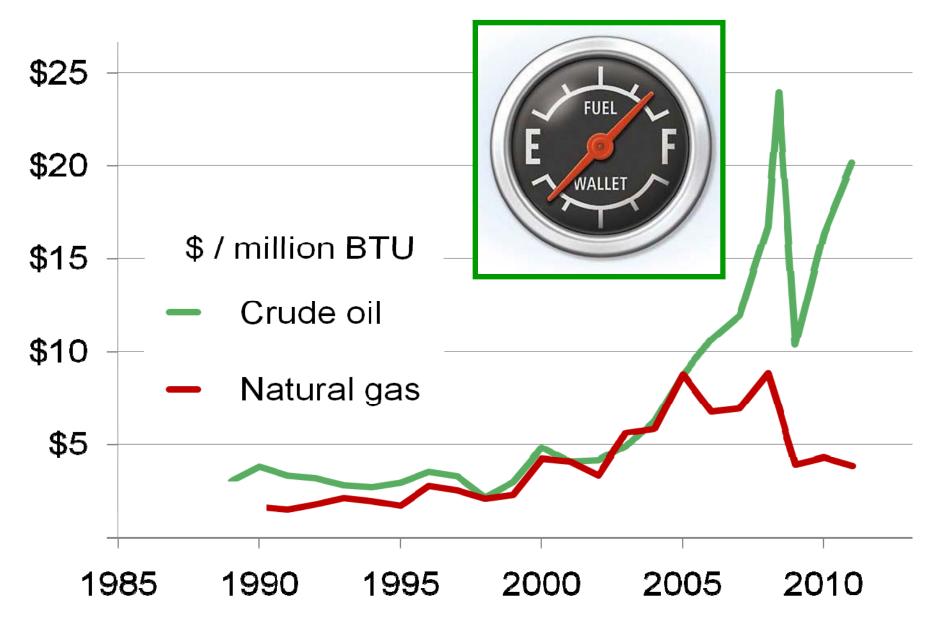




Source: Energy Information Administration based on data from various published studies



US shale gas enables solar



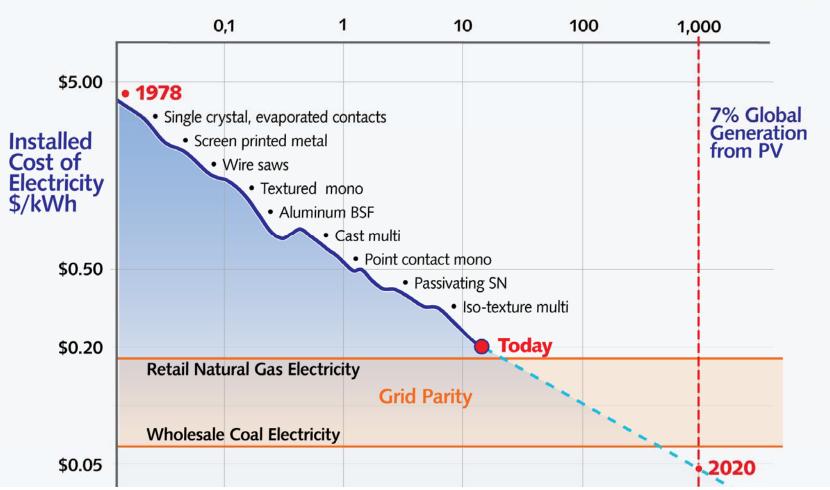


SunShot: towards \$1 / Watt





Silicon PV can reach coal parity

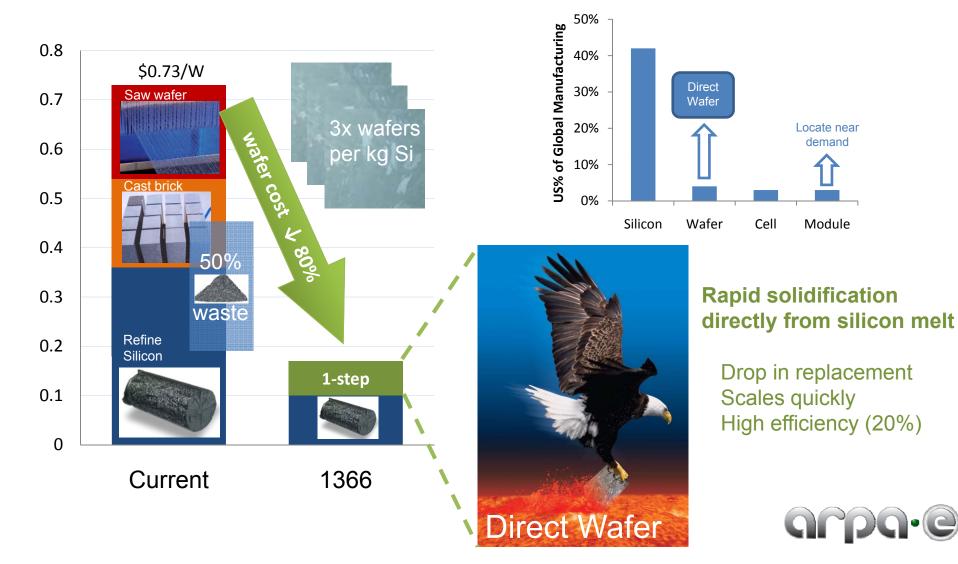


Cumulative production GigaWp

*LCOE calculated assuming 5.75kWh/m²/day (17% capacity factor), a 7% discount rate, and a 30-year project life.

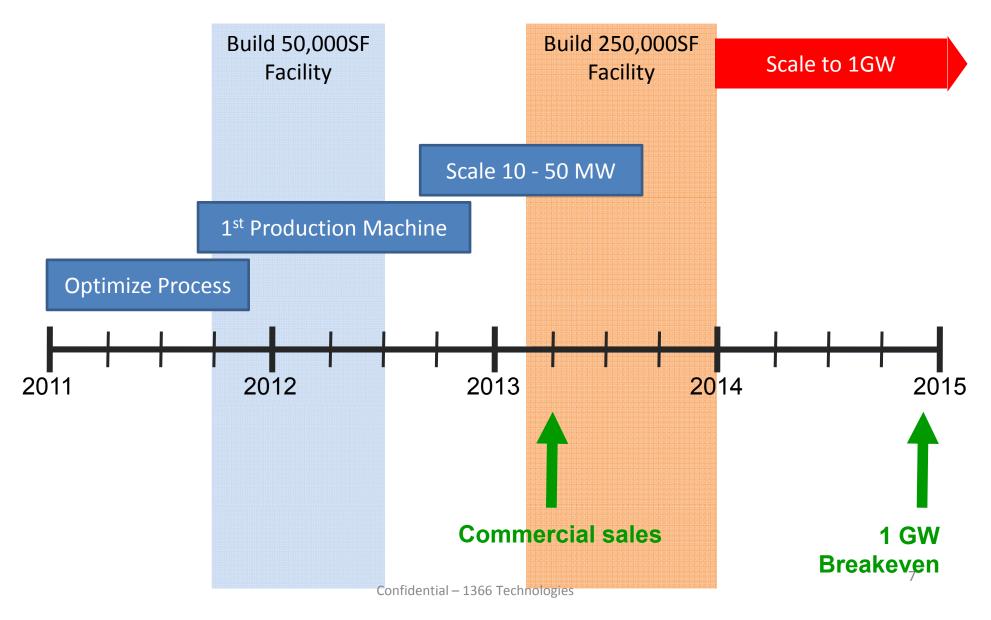
Solar at the cost of coal

Half of PV manufacturing cost is making wafers, but currently wasteful and slow





Path to 1GW Manufacturing





US versus Asia

Leave

• Tax

- Market access
- Inexpensive loans
- Lax environ. regs.
- Low cost suppliers
- Labor rates

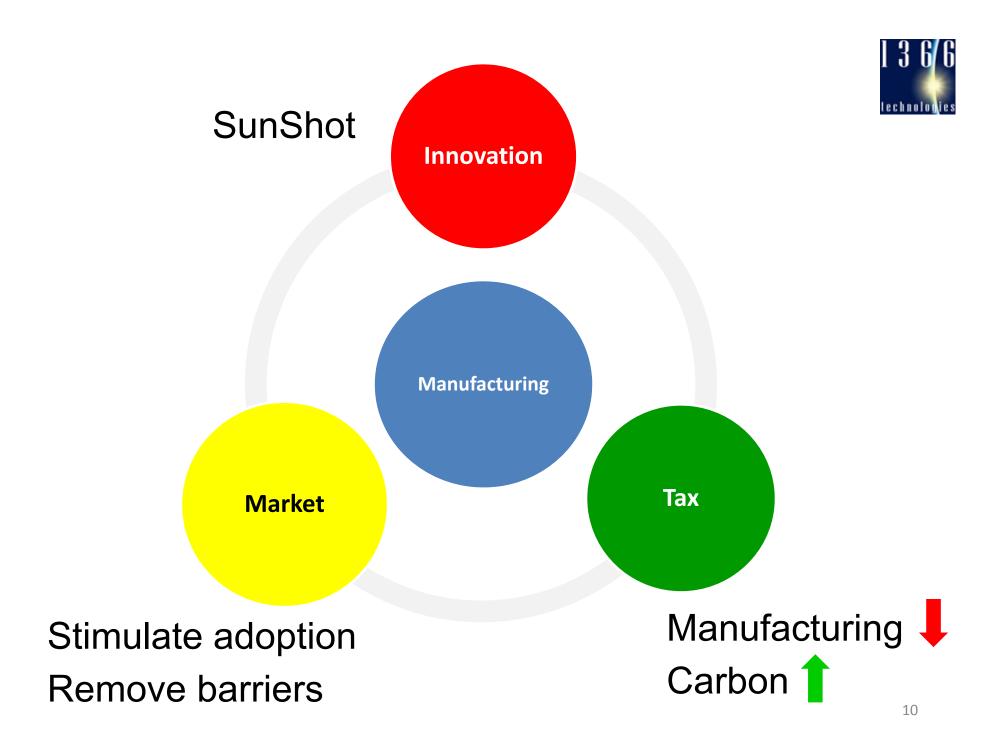
Stay

- IP Risk
- Country risk
- Logistics
- Access to Equity
- Inexpensive Power



US versus Asia

1GW Plant				
	Amount	% Sales	Amount	% Sales
Sales	\$400M		\$400M	
Cost Drivers				
Taxes	\$15M-\$30M	4%-7%	\$0M	0%
Labor	\$18M	5%	\$9M	2%
Power	\$3M	1%	\$6M	2%
Gov Loan	-\$10M ?	-3% ?	\$0M	0%
LOCATION COST DRIVERS	\$26M-\$41M	7%-10%	\$15M	4%-12%



A prize worth having !

