



Mission Innovation: Advancing Clean Energy R&D

ITIF Panel
Oct. 27, 2016

Doug Rand

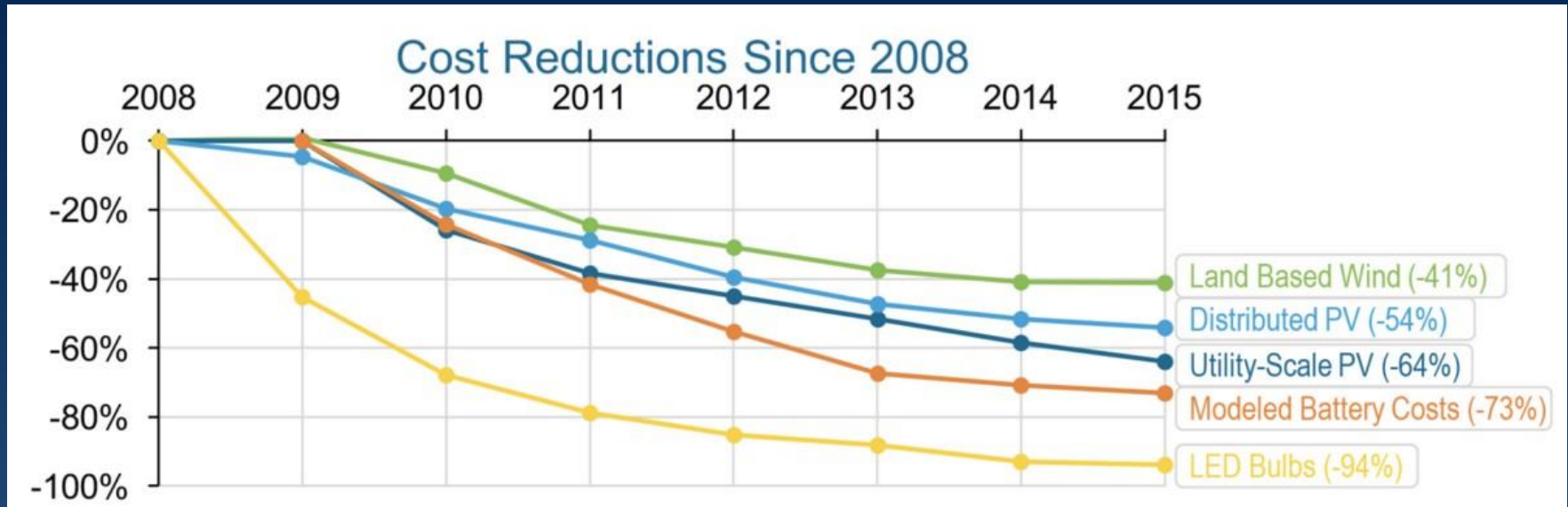
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Accelerating technology deployment

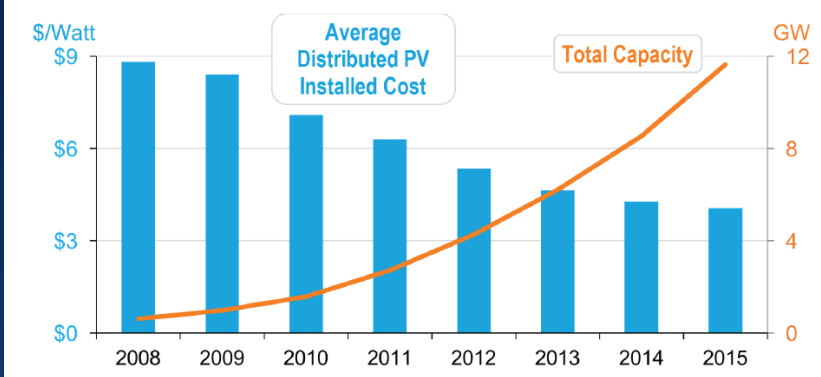


Source: Revolution...Now – 2016 Update (U.S. Department of Energy)

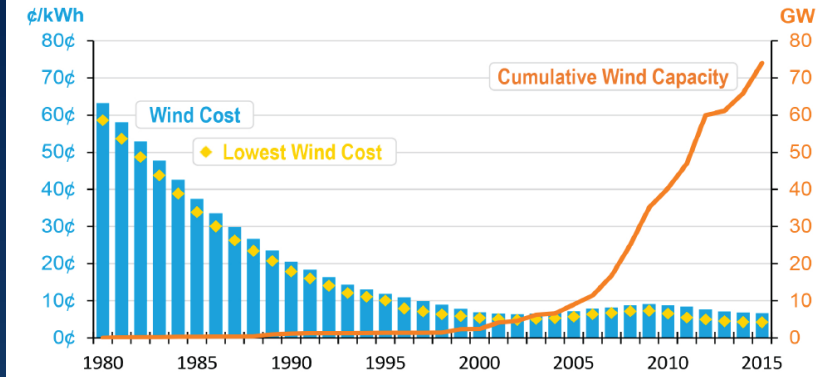


Accelerating technology deployment

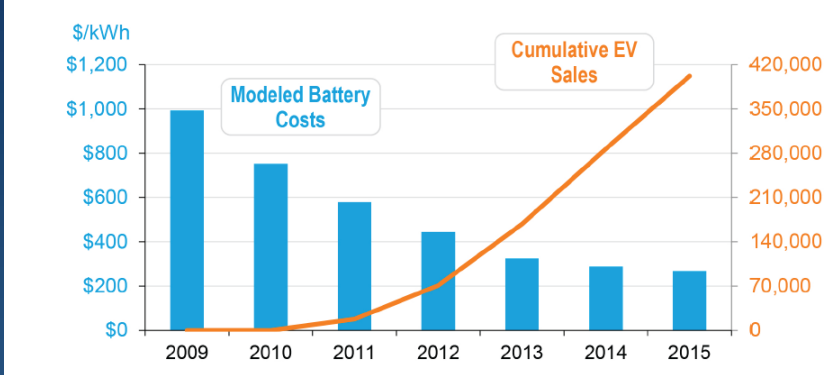
Solar PV: Distributed



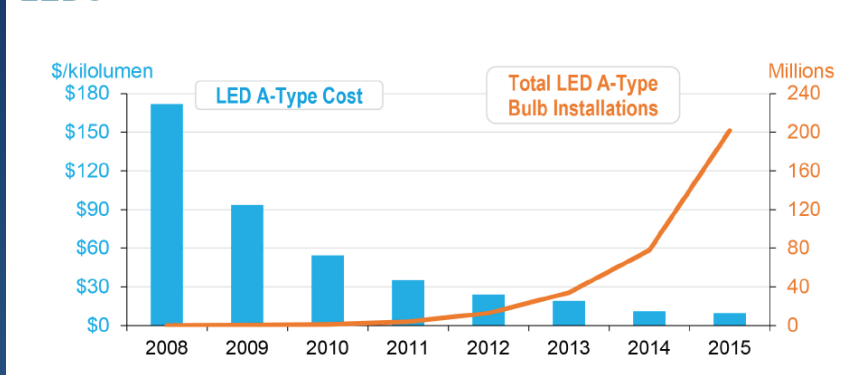
Wind



Electric Vehicles



LEDs



Source: Revolution...Now – 2016 Update (U.S. Department of Energy)



Mission Innovation: Funding Trajectory

	FY16 Enacted	FY17 Budget	FY18	FY19	FY20	FY21
Gov't wide total clean energy RD&D funding	6.4	7.7	8.8	9.9	11.3	12.8

The Administration embedded in the FY 2017 Budget an initial five-year clean energy pledge funding trajectory in the “outyear” estimates (funding estimates for years beyond FY 2017).

While budgetary decisions are generally made year-by-year for activities like R&D, the Administration specifies outyear levels for some individual efforts, like Mission Innovation, to demonstrate our commitment and acknowledge the costs associated with it.

This action shows that clean energy R&D funding is a high priority within the planned funding over the next five years.

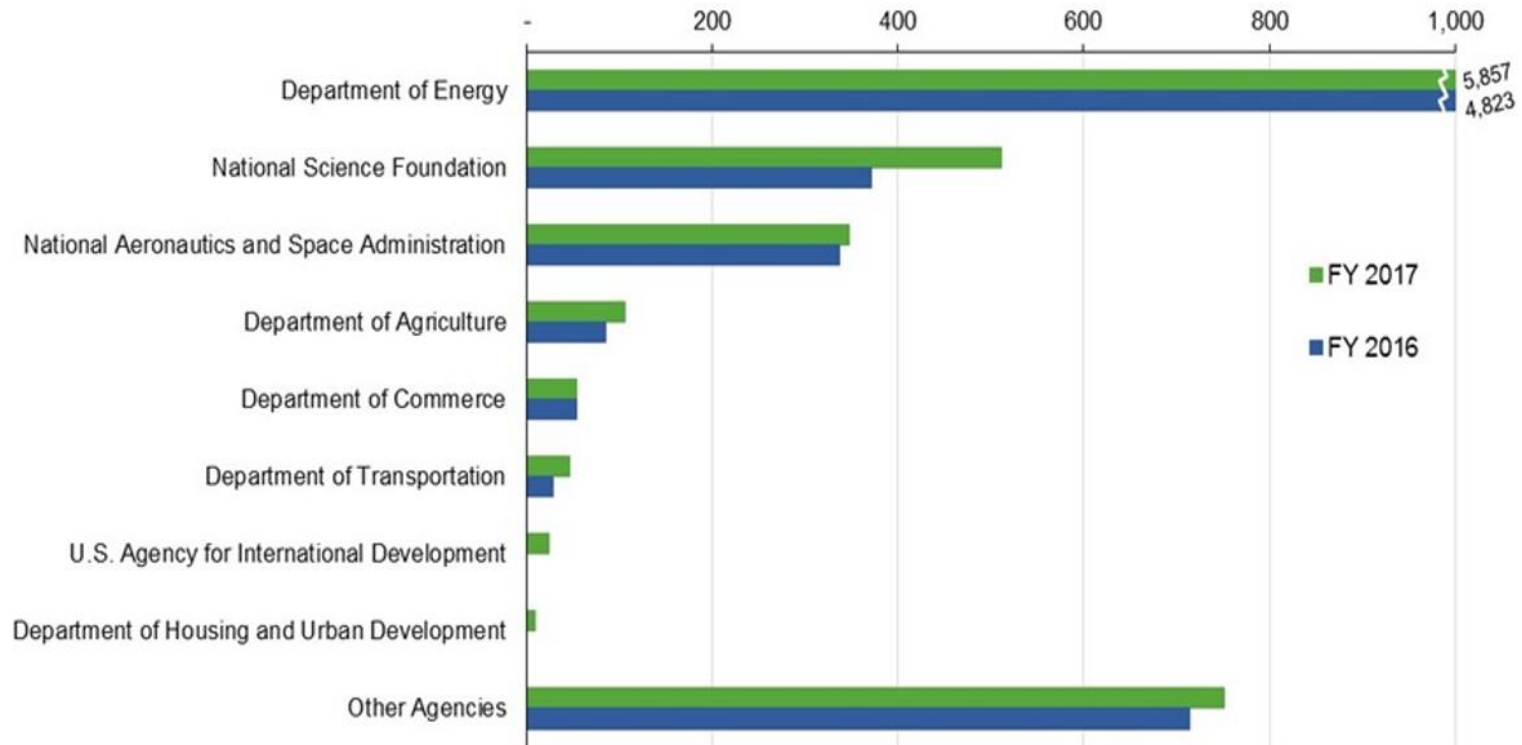
The initial trajectory presented in the FY 2017 Budget is preliminary and should not be interpreted as pre-approved future funding levels for any particular USG agency/department or program.

Funding levels will be revisited each year through the annual Budget formulation and appropriation processes and modifications will be made as needed.



Mission Innovation: FY 2017 Budget

Federal Funding for Clean Energy R&D, FY 2017 Budget (Millions USD)

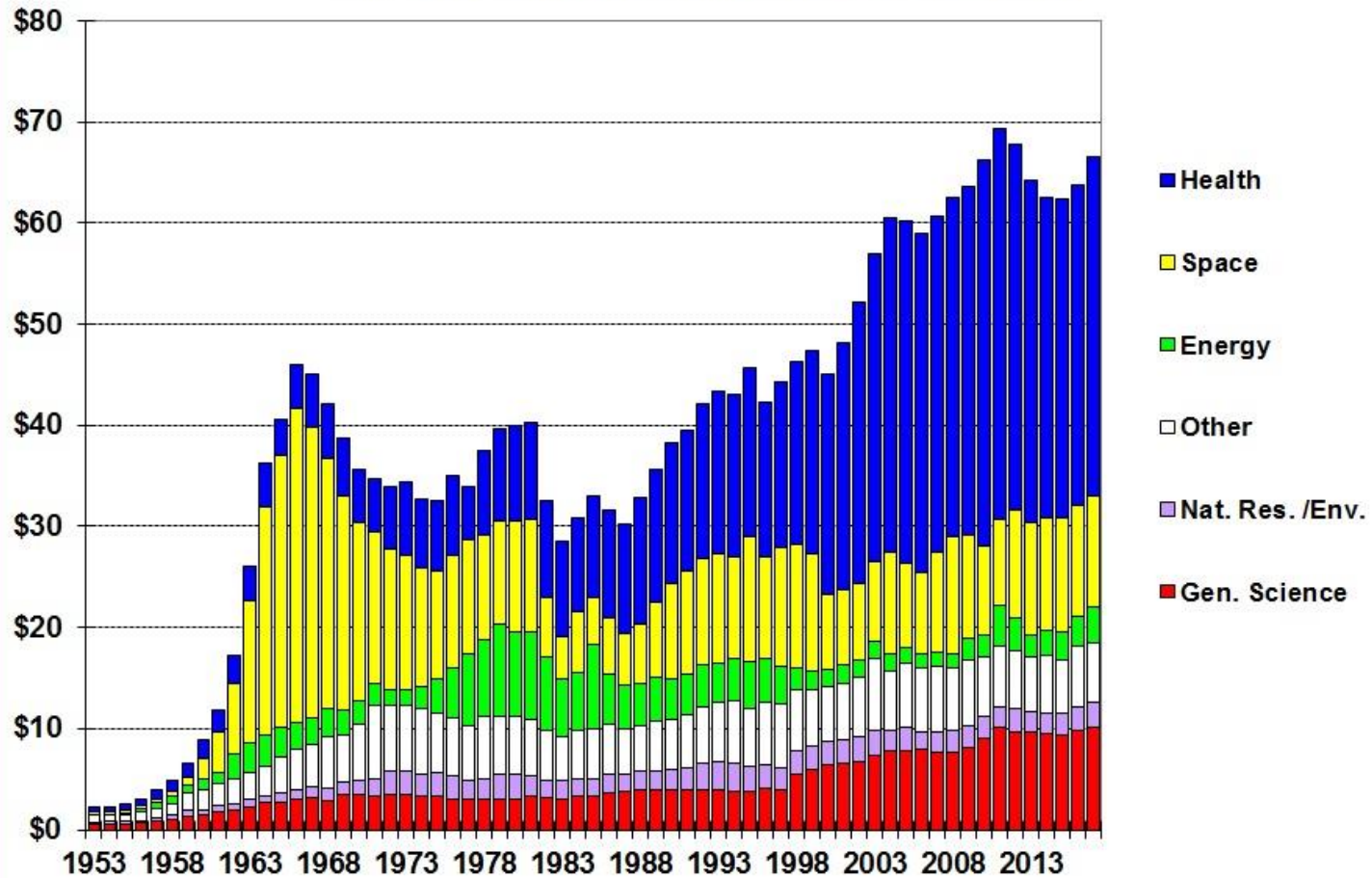


Source: Office of Management and Budget



Trends in Nondefense R&D by Function

outlays for the conduct of R&D, billions of constant FY 2016 dollars



Source: AAAS, based on OMB Historical Tables in *Budget of the United States Government FY 2017*. Some Energy programs shifted to General Science beginning in FY 1998. © 2016 AAAS

