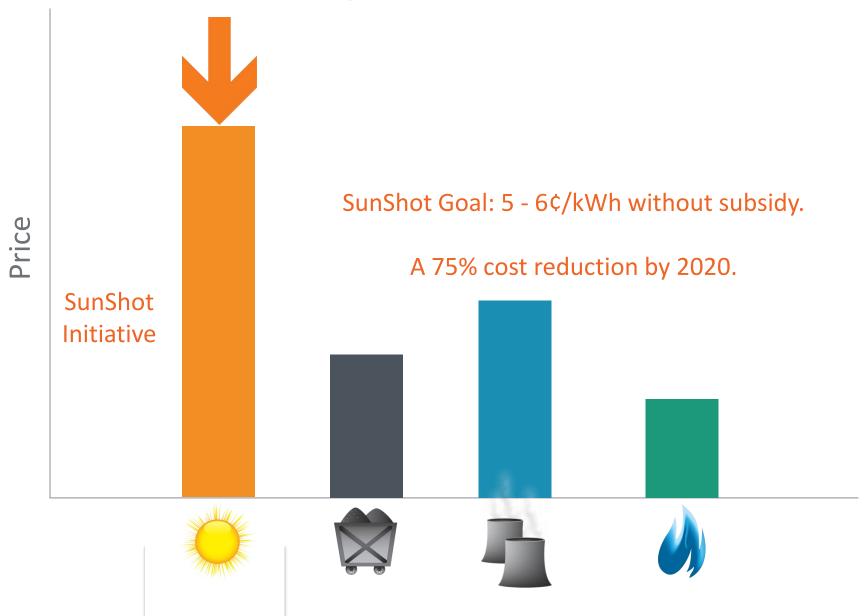
Why SunShot

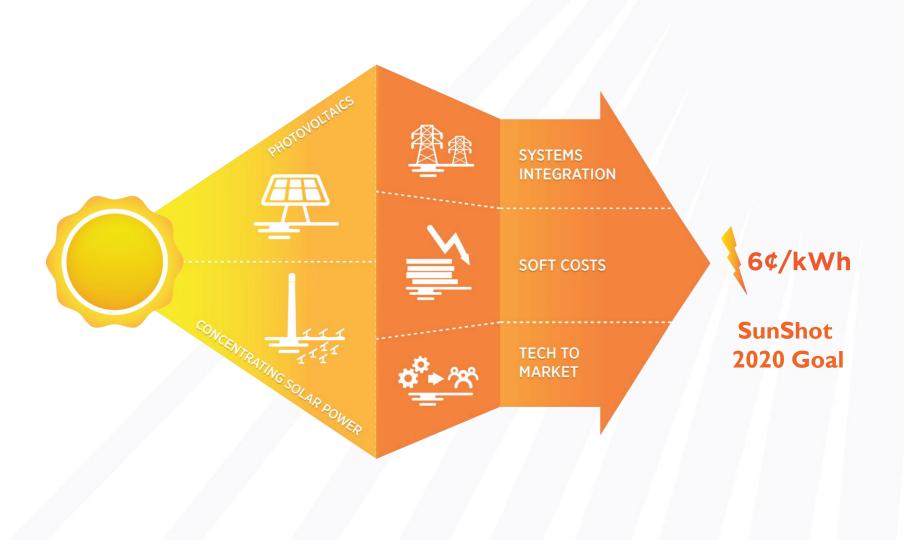


SunShot 2030 Goals

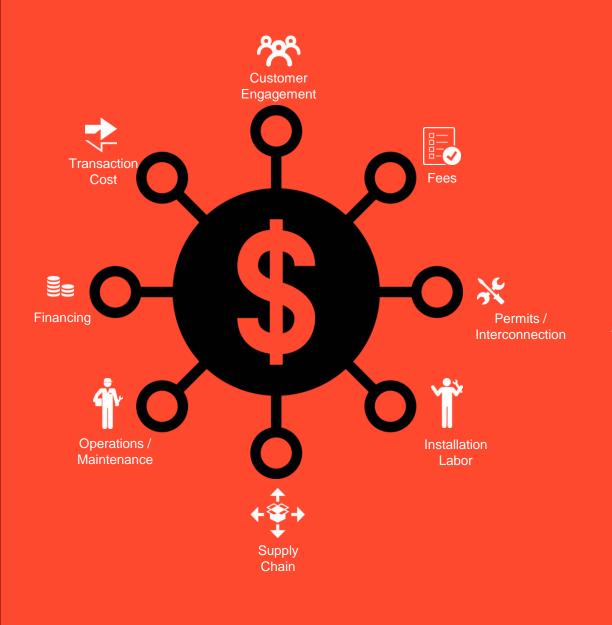




SunShot Program Structure







The cost of market inefficiency caused by data scarcity is typically passed along to the consumer or results in missed opportunity



Soft Costs and Deployment Barriers

- Soft costs and Deployment barriers are the result of a lack of information needed to do a job or make a decision
- They can be called "transaction costs"
 - Information/data search, gathering and generation costs
 - Opportunity costs, inefficiency or inaction when decisions appear risky
 - Compliance and enforcement costs
- These information gaps slow market growth and can prevent market access



SunShot Soft Costs Strategic Areas

NETWORKING AND TECHNICAL ASSISTANCE

Empowering state and local decision-makers through timely and actionable resources, peer networks, and technical assistance

BUSINESS INNOVATION

Developing solar finance and business solutions to expand access to capital and accelerate market growth

DATA ANALYSIS

Harnessing big data analysis and technical solutions to support the many stakeholders involved in solar deployment

TRAINING

Training an innovative solar workforce to enable the solar industry to meet growing demand



DATA: The Orange Button Initiative



The Orange Button Initiative simplifies and standardizes solar data so you can use it.



energy.gov/sunshot

Standards for More Efficiency in Solar Finance

Jon Previtali, VP Renewable Energy & Environmental Finance June 2017



8+GW portfolio comprised of 50+ Wind projects and 300+ Solar projects ~\$4.8bn of tax equity invested into 385 wind and solar projects across 29 states

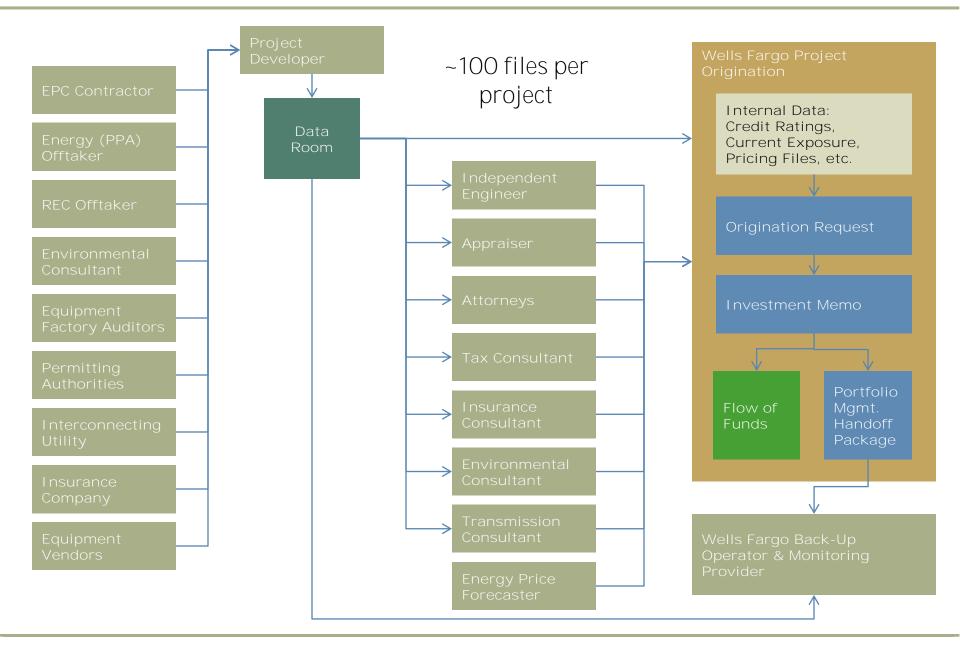


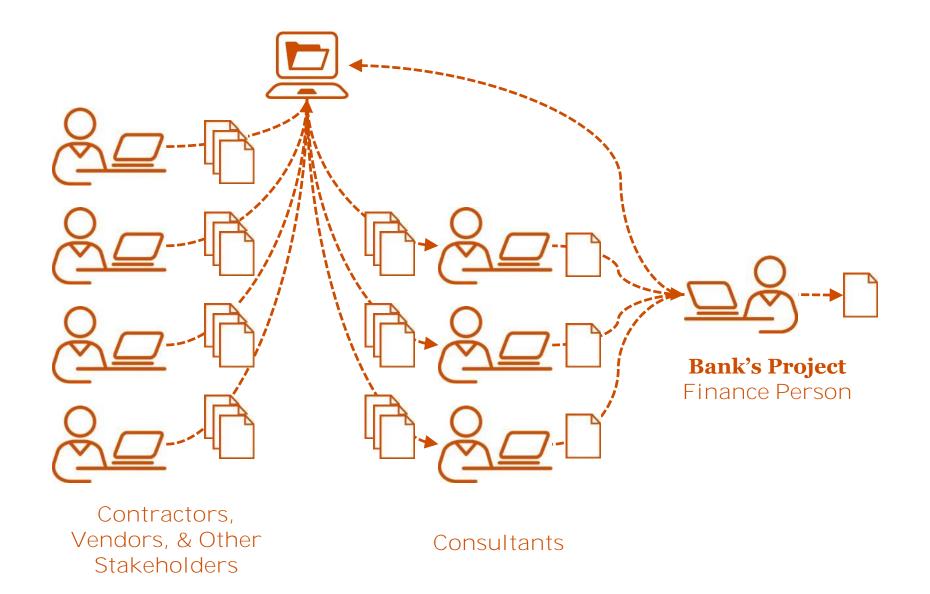


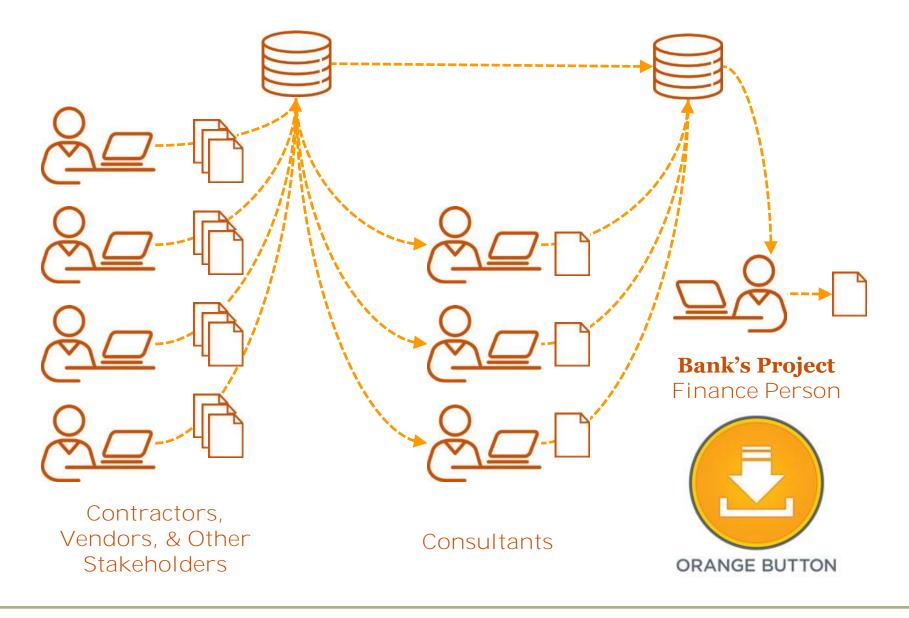
A good portion is data retrieval, transfer, re-entry & error correction.

Source: US DOE

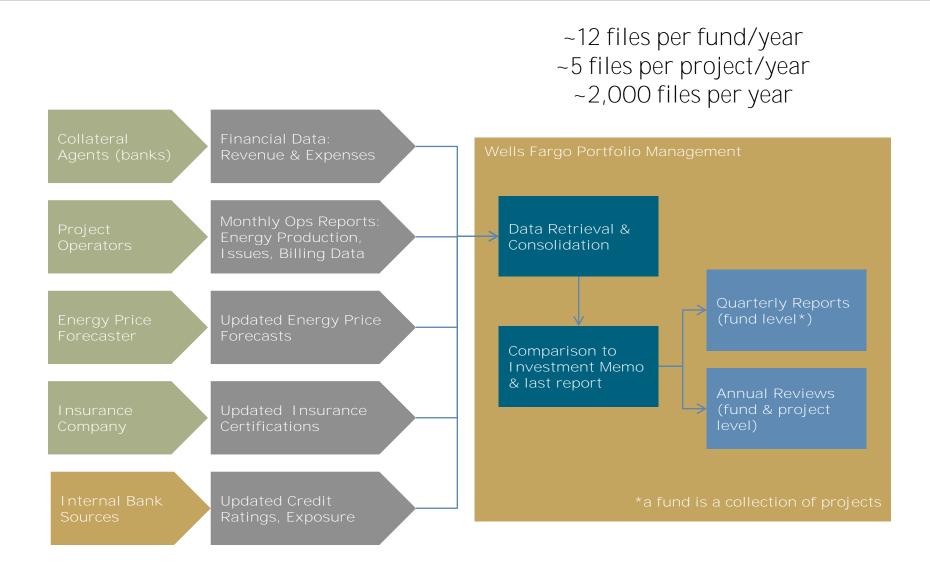
Project Finance Information Flow: ORIGINATION

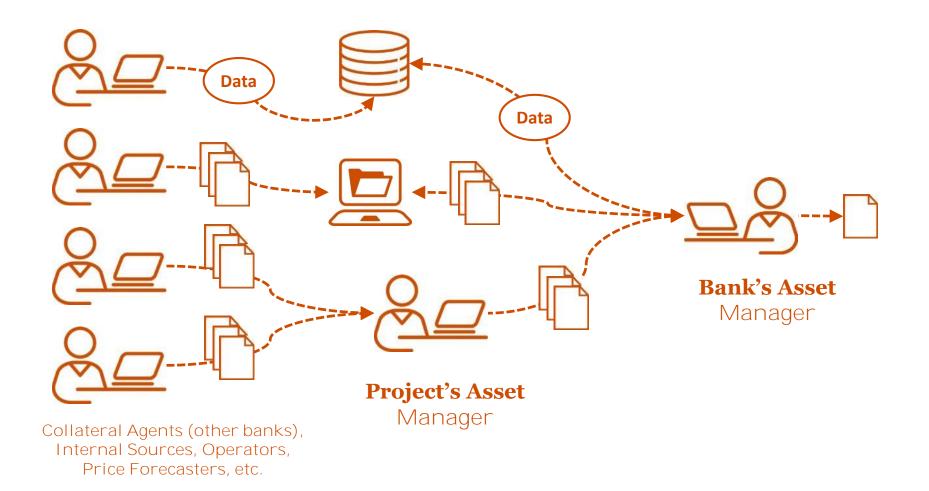


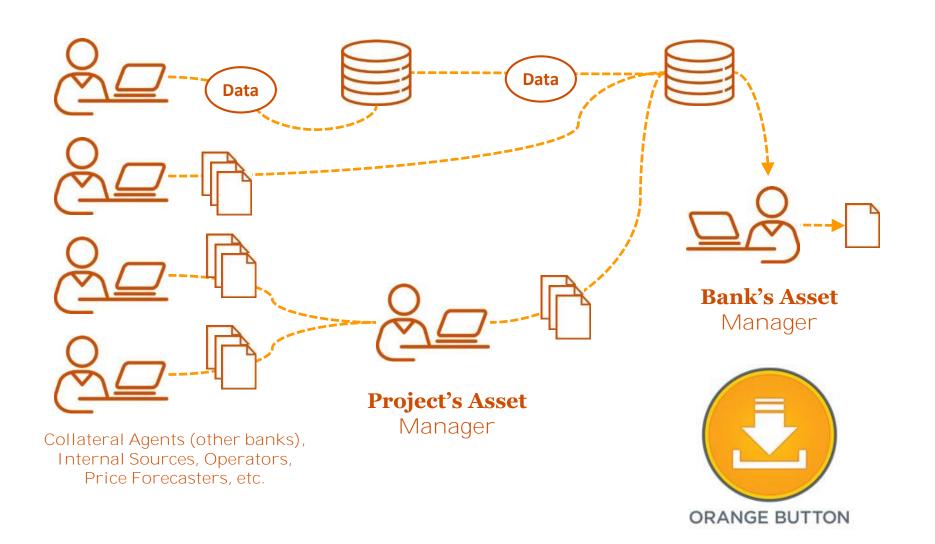


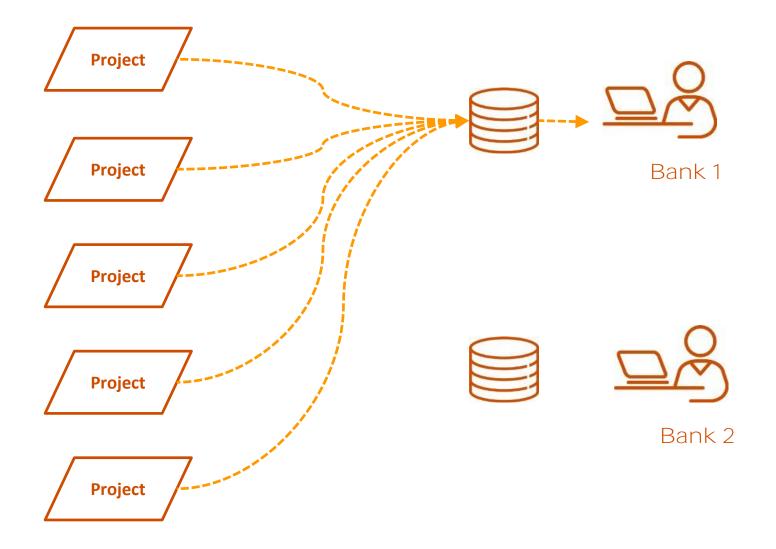


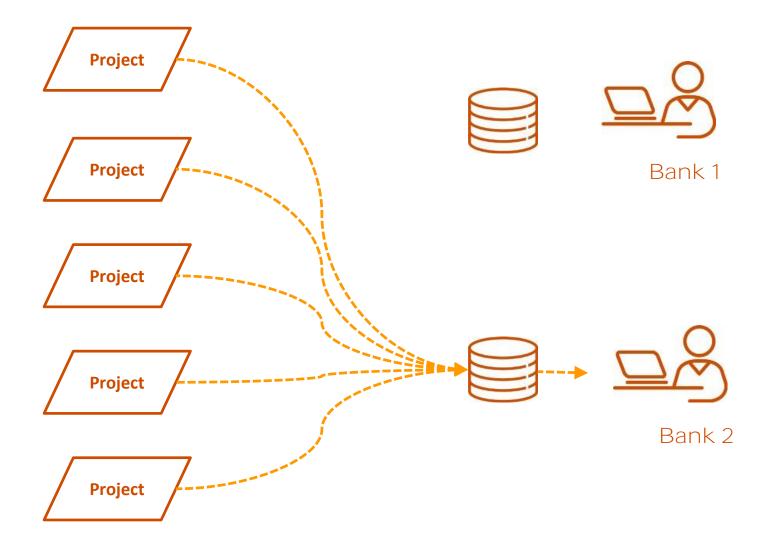
Project Finance Information Flow: PORTFOLIO MANAGEMENT



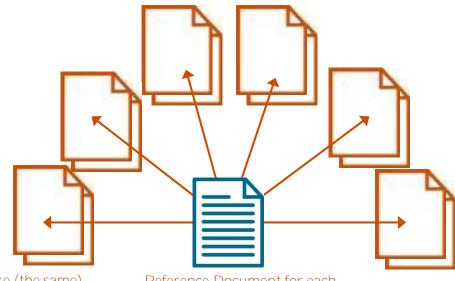






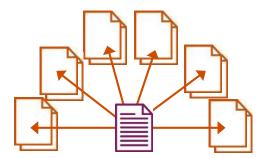


Another best practice that can be done right now: Like Documents for Multiple Projects with Reference Pages/Documents with Defined Terms

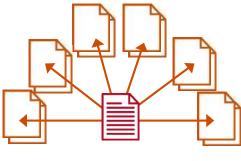


Like (the same) Project Documents, for each Project in a Portfolio or Fund.

- Reference Document for each Project contains:
- Defined Terms
- Unique Reference Values



Project 2



Project 1

Project 3





Project 1

Project 2



Like bodies of Project Documents, for each Project in a Portfolio or Fund with unique Reference Pages with:

- Defined Terms
- Unique Reference Values

Thank you!

<u>Jonathan.m.previtali@wellsfargo.com</u> (415) 947-1980