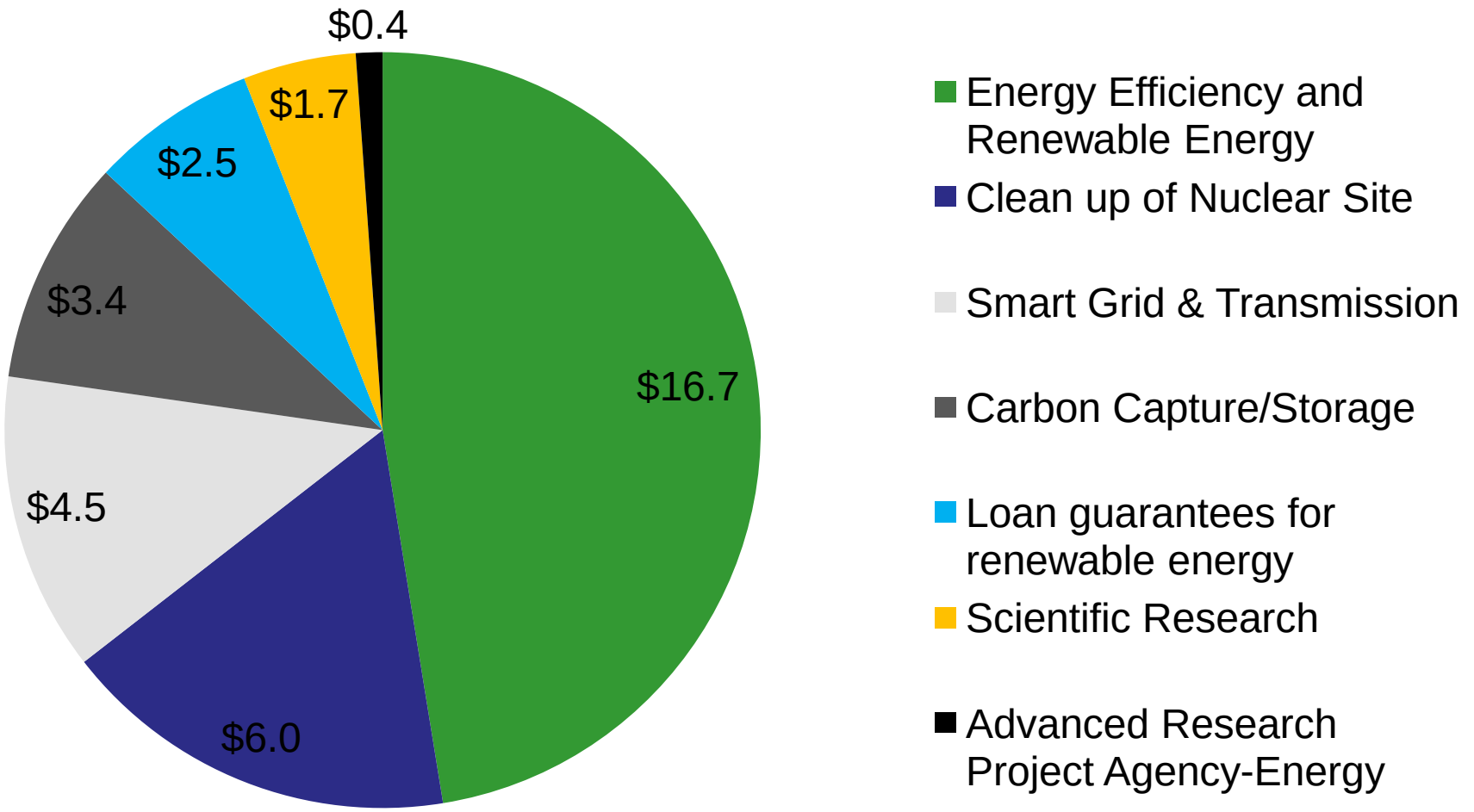
Clean Energy Deployment

September 16, 2010

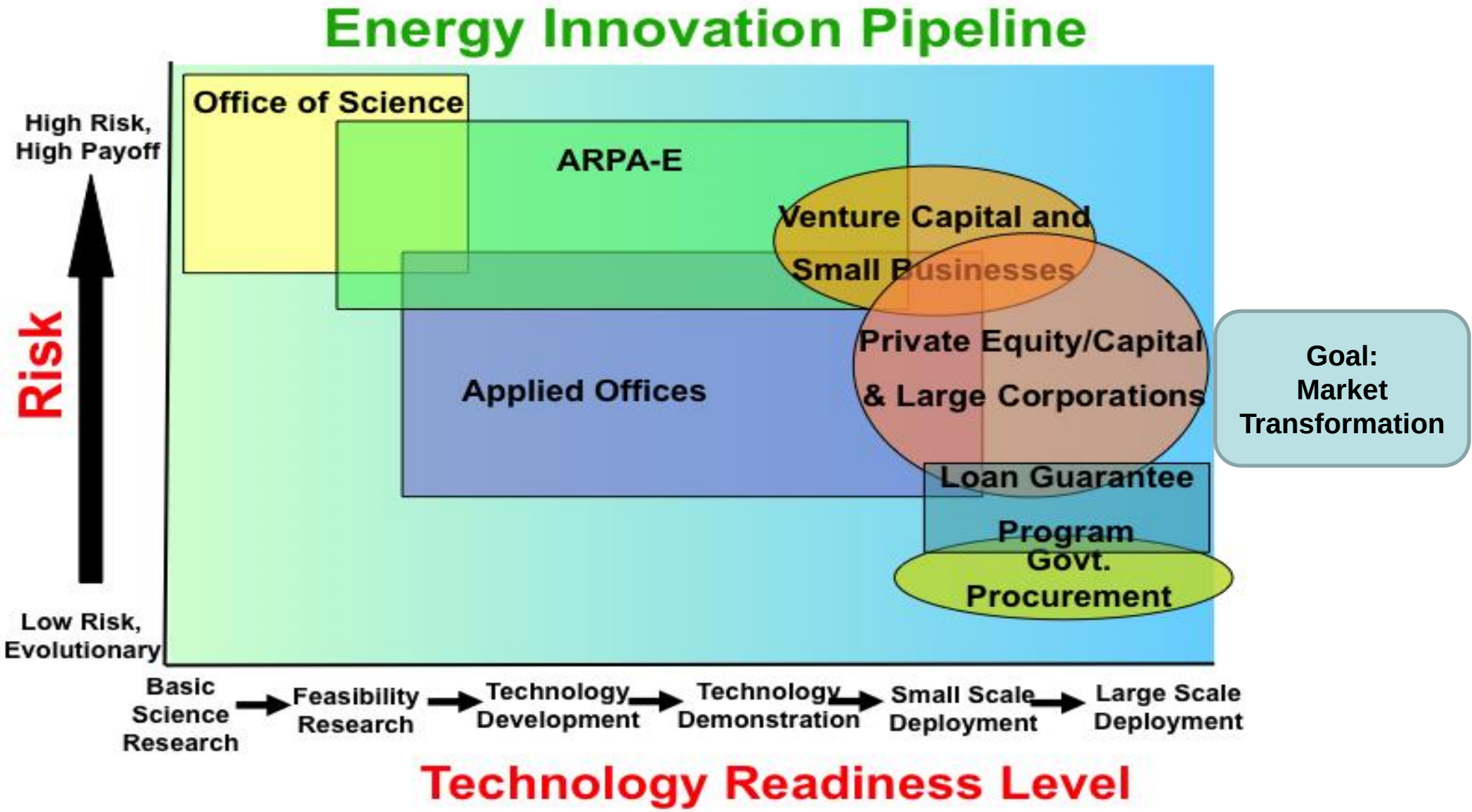
Through the Recovery Act, DOE is investing $35.2B to support over $100B in clean energy projects



Major Milestones

- **200,000 Homes Weatherized**: Aug 2010 200K homes weatherized creating more than 10,000 jobs. Now at 20-30K Homes per mo.
- **2 Million Smart Meters Installed**: Smart grid meters give customers control, helping to reduce energy costs. Now at 350K/mo.
- **9 Batteries Plants Have Broken Ground** and 17 of the 21 transportation electrification facilities have broken ground.
- **40% Increase in Renewable Energy Generation Capacity:** Tax Grants (Sect 1603) have us on track to double renewables by 2012.
- **On Pace toward Doubling Clean Energy Manufacturing.**
- **A dozen major clean coal projects starting to get underway:** Capturing and sequestering more than 10MM tons of CO2 annually

DOE has an important role in the clean energy value chain



Questions

Now that the Recovery Act money has been allocated, what other levers should we create and use to leverage federal funds to accelerate a sustainable energy future on both the supply and demand side?

- **What can we do to expand the venture market for clean energy technologies (e.g., FDA model, DoD demand)?**
- **How should we encourage the states to expand efficiency, smart grid, storage, and renewables programs?**
- **What will it take to drive capital stock turnover toward cleaner sources?**
- **What role should the federal government play in expanding financing for clean energy technology deployment (e.g., tax policy, lending, portfolio standards)?**
- **How can we expand consumer markets for energy efficiency more rapidly?**
- **What are the best approaches to encourage industry to integrate new technologies early?**
- **How should we streamline federal siting and permitting processes?**