

Delivering Whole House Solutions-Federal Efforts

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Federal Perspective on Whole House Retrofits

GOAL

To retrofit 1.3 million homes by
2013

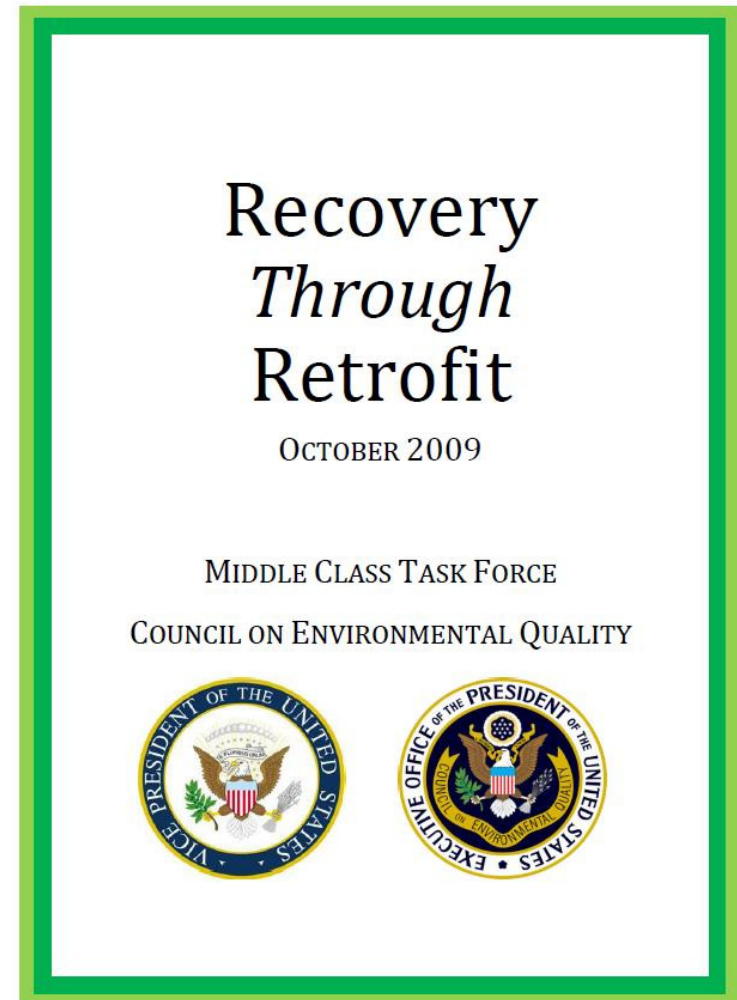
Recovery Through Retrofit

May, 2009: Vice President Biden called on the Council of Environmental Quality to develop a plan for Federal action to lay the architecture for a self-sustaining home energy efficiency retrofit industry.



Overview

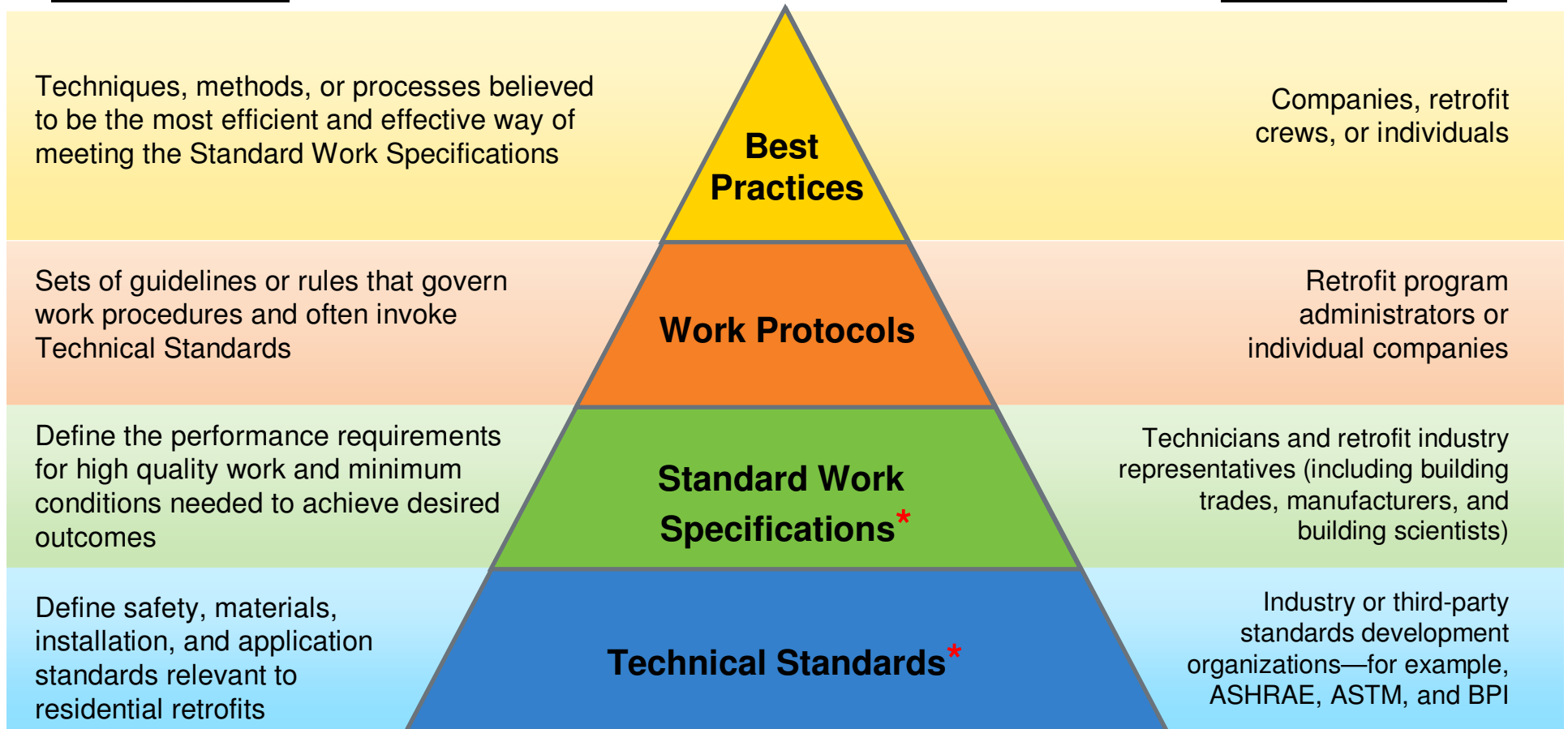
- Recovery Through Retrofit (RTR) agencies developing:
 - A national home energy performance measure
 - An energy performance label for homes
 - National workforce certification & standards guidelines
 - Support for state revolving loan funds, improved access to EE through mortgage products



National Residential Retrofit Guidelines

Description

Developed By



** National Residential Retrofit Guidelines*

Draft Deliberative, For Discussion Purposes Only, Not for Citation

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Description

Developed By

Evaluation/assessment of skill standards in accordance with ANSI 17024 Standard for Personnel Certification (or equivalent)

Accredited Personnel Certification Entities

Certification

Minimum knowledge, skills, and abilities that workers should possess to perform high quality work

Retrofit technicians, trainers, and program officials with professional psychometricians

Essential KSAs*

Identifies and inventories a job's critical tasks

Retrofit technicians, trainers, and program officials with professional psychometricians

Job Task Analysis*

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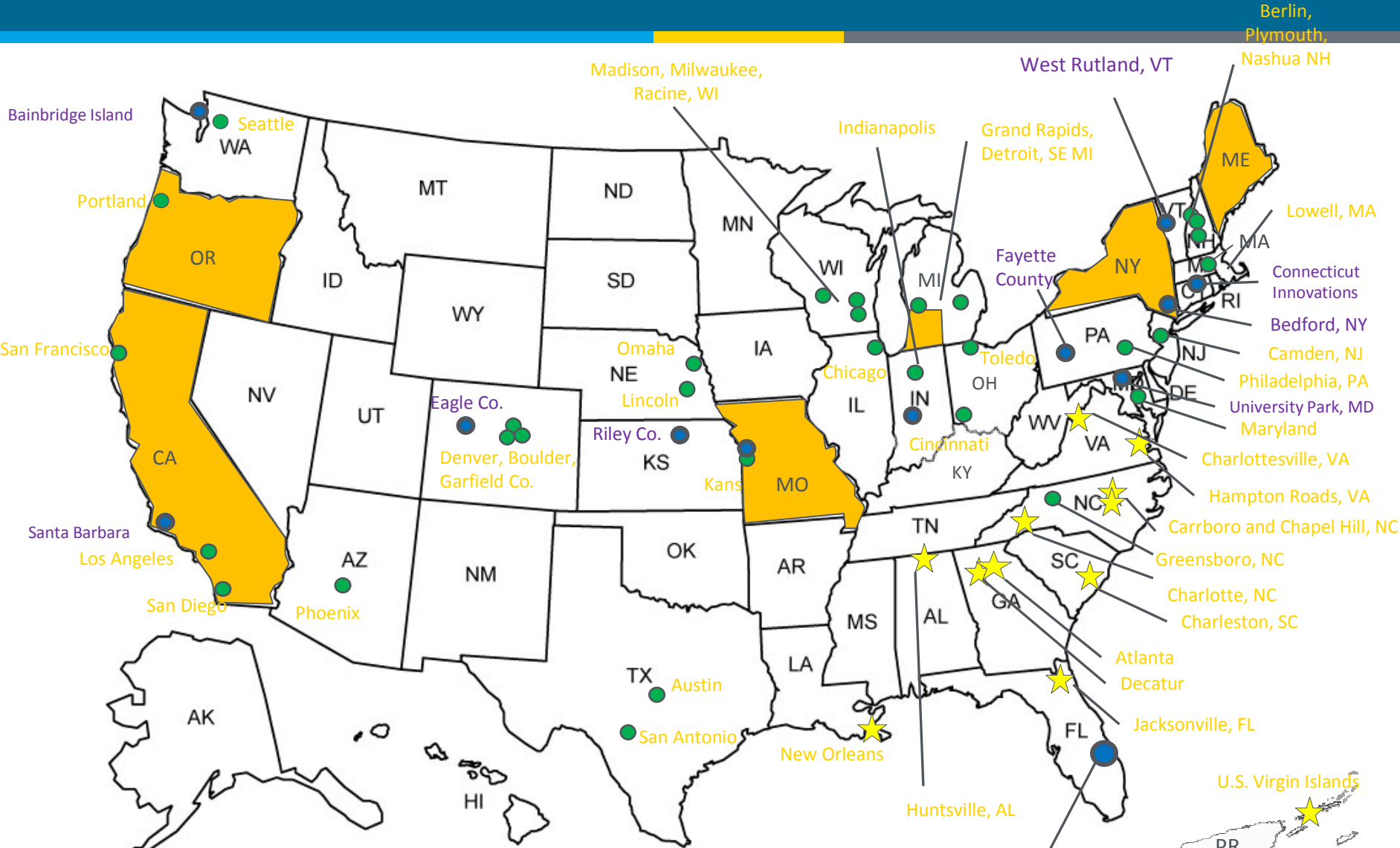
- Interest in financing is strong
 - Energy Efficient Mortgages
 - Revolving loan funds through ARRA funding
 - Securitization of home improvement loans to reduce interest rates
 - Potential FHA Title I loan for energy efficiency improvements
 - On bill financing
 - Property Assessed Clean Energy (PACE)
 - Better Building Grantees

Better Buildings Program: Innovative Approaches to Deployment

- \$452M of ARRA funds: Competitive grants under EE and Conservation Block Grant Program
- 3-year grants to local and state governments of \$5M to \$40M each
- Dec. 2009: 131 applications
 - Total request: \$3.36 billion
- April 2010: 25 grants awarded
- June 2010: 10 additional grants \$1M to \$5M each



Better Buildings Communities Served



- = Round 1
- ★ = SEEA
- = Round 2
- = Statewide Program

BetterBuildings Program Elements

- Outreach Approaches:
 - Neighborhood sweeps
 - Door-to-door
 - Community organizations (churches, foundations)
 - Major events
 - Web-based approaches
 - One stop shops
 - Labeling systems
 - Retail store partnerships
 - Grass-roots campaigns
 - Community colleges & universities



However, There Economic Forces at Play

- U.S. home improvement market is mired in a severe downturn
- A variety of factors driving re-modeling down
 - Existing home sales, a primary driver of home improvement spending, were off 30% from their peak
 - Depressed homes prices
 - Increase in mortgage delinquencies and foreclosures
- Three trends that could serve as growth drivers
 - Growth in immigrant homeowners
 - Need to upgrade aging rental stock
 - Increasing consumer interest in green remodeling