



U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy



Building Energy Codes

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Presentation Outline

- Mission
- Goals
- Program Organization
- Strategies/Roles
- Near-Term Focus
- Measuring Progress/Outcomes/Impacts
- Priorities for FY15 and Beyond

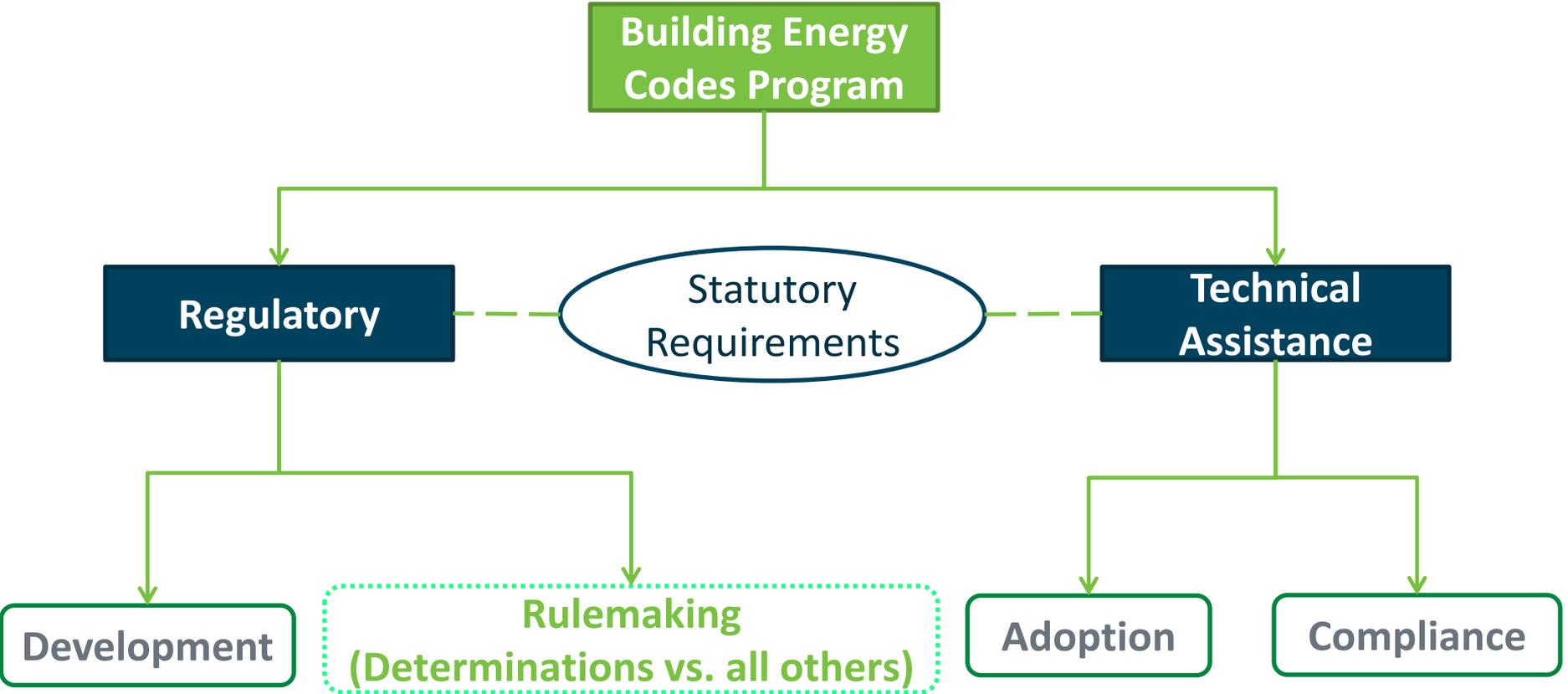
Building Energy Codes - Mission

Support the building energy code and standard development, adoption, implementation and enforcement processes to achieve the maximum practicable improvements in building energy efficiency

Building Energy Codes Program - Goals

Mid-term (2020)	Support the development and implementation of codes targeting consumer energy savings of approximately 0.7 quads in 2020 (compared to a 2010 baseline), representing a cumulative savings of 10.2 quads since program inception in 1992.
Long-term (2030)	Achieve primary energy savings of approximately 1.2 quads in 2030 (compared to a 2010 baseline), representing a cumulative savings of 24.6 quads since program inception in 1992.
Status	Cumulative savings as of 2012 is approximately 4.6 primary quads based on BECP activities, which includes a 20% change from the baseline of 0.43 annual savings in 2010.

Building Energy Codes Program - Structure



Framework Strategies/Roles (justification)

- **Empowering** those who seek to improve energy codes by providing research, analysis, tools and code change proposals. (Statutory direction to assist and support.)
- **Convening forums** for sharing information on all aspects of codes. (Establish DOE leadership.)
- **Participating** in processes and forums in which energy codes are developed, discussed or approved. (Statutory direction to participate.)
- **Ensuring intended energy savings** by supporting research, education, training and outreach activities intended to increase compliance rates and conducting compliance and energy savings measurement studies. (Encourage market support and achieve DOE goals.)

Near-Term Focus

- **Fulfill statutory rulemaking obligations**
 - Determinations
- **Increase Program Definition and Transparency**
 - Framework document
 - Stakeholder meeting
 - Explore FACA committee
- **Increase Confidence in Energy Savings Estimates**
 - FOA (field-based studies)
 - Commercial compliance
- **Planning**
 - MYPP – under construction!

Activities and Goals/Progress Indicator

Activity	Goal/Progress Indicator
Residential code compliance	Methodology revised and implemented through FOA.
Commercial code compliance	Methodology revised with stakeholder input. Strategy developed for implementation.
Compliance with statutory requirements	Publish determinations on time.