External Influences: DOE budget, Construction industry, Real estate market, State/local policies & budget

Objectives

Activities / Partners

Outputs

Short Term Outcome

Mid-Term Outcome

Long Term
Outcome

Support energy code development & improvement with analyses & stakeholder forums

Empower state

governments to

adopt more

energy codes

Support code

assistance &

governments

technical

local

Impact

compliance with

tools for state &

advanced

& local

Conduct market research, technical & economic analyses targeted at specific code opportunities & issues

Sponsor forums for sharing info with code practitioners & other stakeholders

Develop location-specific analyses to quantify value of improved codes in support of states, localities, utilities, etc.

Support REEOs to increase awareness of analyses & accelerate code adoption

Develop tools to help building professionals meet adopted codes

Enable REEOs to support state & local governments in training & resources

Assess the value proposition of investment in code compliance

Code proposals based on public reports on cost, reliability, savings and markets

Technical & analytical support to ASHRAE 90.1

Annual conference & other forums for discussion on codes

Localized technical & economic reports on value proposition with more aggressive codes

REScheck and COMcheck, software programs to help verify buildings meet code

Curricula, education materials, resource guides, technical assistance supported by REEOs & stakeholders like NASEO

State-specific analyses & methodologies to measure cost & energy saving benefits of code-related compliance

ASHRAE & ICC equipped with analyses to update code for residential & commercial buildings

Industry stakeholders aware of energy code issues, benefits of more aggressive codes based on BECP analyses & leadership

State & municipalities have access to analyses to understand specific value of code adoption

State, municipalities, building officials are equipped with resources to aid in code implementation

Building officials & professionals aware of importance of code compliance

Stakeholders like private investors & utilities, understand value proposition of advanced energy codes

ASHRAE & ICC publish more advanced national model codes for buildings

Stakeholders (e.g., building, financial, real estate industries, utilities) begin to value energy efficiency in buildings

State & municipalities adopt more advanced energy codes

Building professionals accept increased codes & properly build to more advanced codes

Building officials enforce code compliance & building professionals focus on it

Industry stakeholders provide funding to help measure & improve code compliance New buildings are constructed in compliance with increasingly more aggressive energy efficiency requirements in building energy codes & ensure code-related savings.

*REEOS are regional energy efficiency organizations.

Provide analysis for model code development

Deliver localized analysis to state & local governments on code adoption

Offer technical assistance to support code compliance

Code jurisdictions use BECP resources for code adoption & enforcement leading to 40% EUI reduction in new construction by 2025

Reduce EUI of new bldgs. 50% by 2030

Building Energy Codes Program Logic Model

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OBJECTIVE	ACTIVITIES	KEY OUTPUT	SHORT-TERM OUTCOME	MID-TERM OUTCOME	LONG-TERM OUTCOME
Support code development	Analyze new code opportunities Create forums to share code information	New code provisions proposed Annual code conference & other forums	Code orgs have analyses Code issues & benefits discussed	Advanced codes published	AON Updated Dec. 2015
Support code adoption	Analyze local impact of codes Fund awareness efforts	Localized reports on new code value	Localities understand value	Advanced codes adopted	buildings meet or exceed regularly updated energy
Support code compliance	Support compliance, including tool development	Technical assistance Measurement methods	Compliance value understood & implemented	Compliance improved, funded & valued	codes
	Assess value of compliance	RESCheck & COMCheck	• DOE Budget • Construction Industry • Construction Industry • Construction Industry • Construction Industry		

• Real Estate Market

Governments