External Influences: DOE budget, Energy prices, Real estate market, Market incentives, Legislation / Regulation

Objectives

Activities / Partners



Short Term Outcome



Mid-Term Outcome



Develop test procedures that are repeatable, reproducible, representative, & enforceable

Develop

feasible &

iustified

technologically

economically

standards, &

of covered

products

Enforce

ensure

certification &

regulations to

manufacturer

adherence to

requirements

compliance

expand scope

Develop new or amend test procedures through formal rulemakings & engage stakeholders through public meetings & comment periods

Develop new or amend standards through formal rulemakings & impact analyses & engage stakeholders through public meetings & comment periods

Convene stakeholders in formal negotiations to develop standards, or consider consensus agreements when petitioned by manufacturers & advocates

Collaborate with other countries for international alignment of standards & test procedures (e.g. Canada Regulatory Cooperation Council)

Test covered products to ensure compliance & take enforcement action as appropriate

New or amended test procedures

New or amended mandatory energy conservation standards, derived from DOEdeveloped proposals or stakeholder agreements, and supported by required impact analyses

Compilation of best practices, analyses, & stakeholder feedback in coordination with international community

Product test results

Notifications of noncompliance Manufacturers have access to amended test procedures

Manufacturers aware of amended or new standards & redesign their products to meet the standard

Increased international technical exchanges & greater harmonization of test procedures & standards across participating countries

Manufacturers aware of consequences of non-compliance & necessary corrective actions

Manufacturers rate & certify the energy efficiency of their products using the new test procedure

Once standard takes effect, manufacturers meet or exceed the energy efficiency level of their products

Manufacturers comply with aligned international standards, & continue to research & develop more efficient products

Manufacturers produce products with a high level of compliance that meet minimum energy conservation standards, resulting in energy savings in the buildings sector

Manufacturers produce progressively more energy efficient products as energy conservation standards are introduced & routinely amended. reducing energy intensity across the residential. commercial, & industrial markets.

Impact

Ensure reliable test procedures

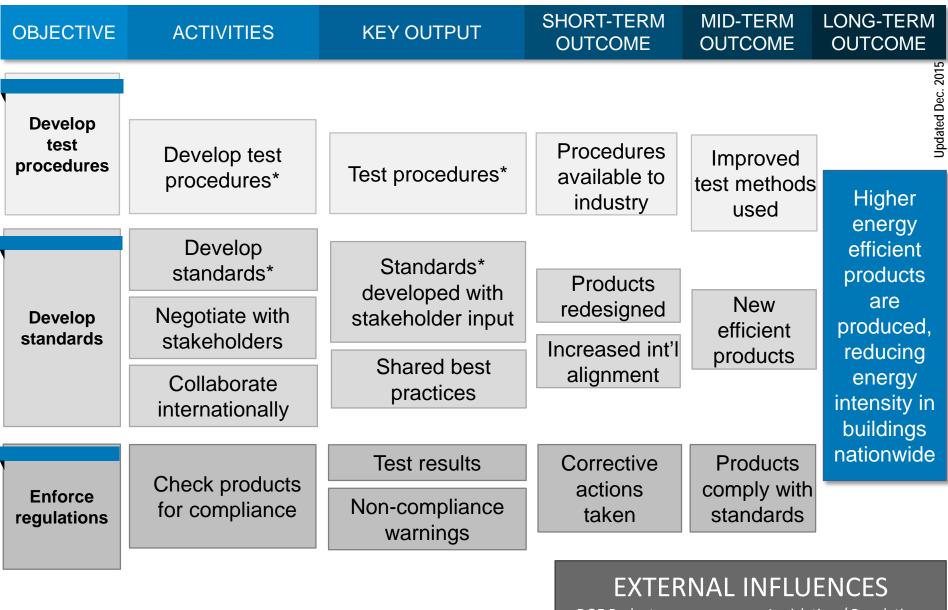
Regularly develop cost-effective standards

Ensure compliance with federal minimum standards

Reduce avg. EUI in all bldgs. by at least 20% by 2025

Reduce avg. EUI in all bldgs. 30% by 2030

Appliance & Equipment Standards Program Logic Model



^{*} New or amend(ed) existing; Review cycle is every 6-7 years

[•] DOE Budget

[•] Energy Prices

Market Incentives

[•] Legislation / Regulation

[•] Real Estate Market