# ANSI Energy Efficiency Standardization Coordination Collaborative (EESCC)

- The *Energy Efficiency Standardization Roadmap* is on target for publication in June 2014

    - Developed by the Energy Efficiency Standardization Coordination Collaborative (EESCC), a cross-sector group of 160 experts chaired by the U.S. Department of Energy and Schneider Electric, and convened by the American National Standards Institute (ANSI)

    - Establishes a national framework for action and coordination on energy efficiency standardization, charting recommendations and timelines for action to advance energy efficiency within the built environment

    - Identifies standards, codes, and conformity assessment programs that are available or under development, gaps that exist, and additional standardization activities that are needed

ANSI
American National Standards Institute

EESCC Standardization Roadmap Overview

- The EESCC roadmap details **126 recommendations** and timelines for action in five distinct yet interrelated areas of focus:

  - **Chapter One: Building energy and water assessment and performance standards** outlines 47 recommendations to address identified standardization gaps in these areas

  - **Chapter Two: System integration and systems communications** details 9 recommendations examining how building sub-systems could be integrated in order to manage the energy use of a building or campus of buildings for maximum efficiency

  - **Chapter Three: Building energy rating, labeling, and simulation** outlines 22 recommendations to address identified standardization gaps

  - **Chapter Four: Evaluation, measurement, and verification (EM&V)** details 32 recommendations to advance the field of EM&V

  - **Chapter Five: Workforce credentialing** puts forth 16 overarching recommendations to advance workforce credentialing for the energy efficiency field
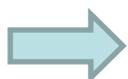
EESCC Inventory Database

- The EESCC Standardization Roadmap V1.0 is supplemented by the **EESCC Inventory Database**

  - Launched in December 2012, the EESCC Inventory Database contains information on 569 documents and 162 conformance programs

  - A cornerstone tool of the EESCC's efforts to inventory and assess the EE standardization landscape

  - Serves as a resource for the EE and standardization communities on relevant standards, codes, guidelines, and conformity assessment programs: www.ansi.org/eescc

EESCC Participation

- More than **50 member organizations** and **4 federal agencies** involving **160 participants** are taking part in the EESCC's five working groups:

  - WG1: Building energy and water assessment standards
  - WG2: System integration and systems communications
  - WG3: Building energy rating, labeling, and simulation
  - WG4: Evaluation, measurement, and verification (EM&V)
  - WG5: Workforce credentialing

- Participation spans industry, government, standards and codes developing organizations, energy efficiency-focused organizations, educational institutions, and others

DOE (and Lab) Participation

U.S. Department of Energy

- Benjamin Goldstein – EESCC public sector co-chair
- Amir Roth – WG3 rating, labeling, and simulation
- Joan Glickman – WG3 rating, labeling, and simulation
- Patty Kappaz – WG3 rating, labeling, and simulation
- Mike Li – WG4, EM&V (occasional)

Lawrence Berkeley National Laboratory (LBNL)

- Bill Miller – WG4 co-chair (EM&V)
- Paul Sheaffer (Resource Dynamics) – participated in WG5, *workforce credentialing*, on behalf of Aimee McKane

Pacific Northwest National Laboratory (PNNL)

- Dave Conover – WG1 building energy and water performance and assessment standards
- Supriya Goel – WG3 rating, labeling, and simulation
- Michael Rosenberg – WG3 rating, labeling, and simulation