



BETTER BUILDINGS WORKFORCE GUIDELINES UPDATE

- **Monica Neukomm, BBWG Project Manager,
U.S. Department of Energy**

April 2015

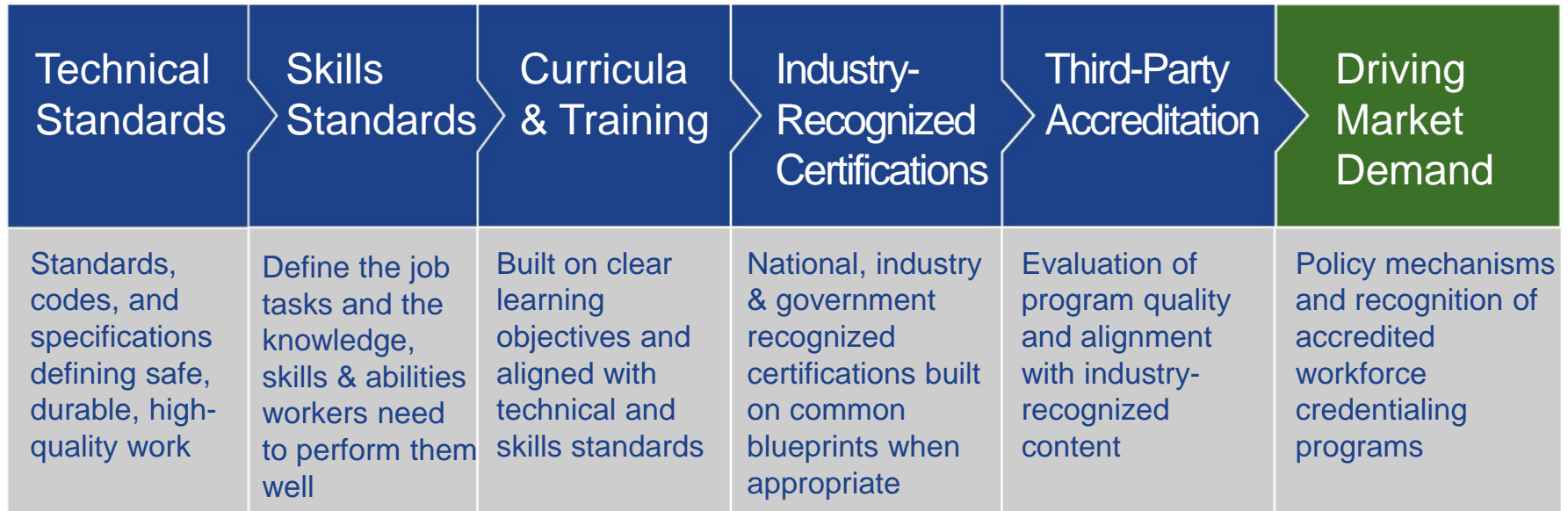
Overview

1) Presenters

- Lisa Shulock, CBEI: Career Pathways for the Energy Retrofit Workforce
- Lisa Shulock, CBEI: Building Retuning Training

2) Overview of the Better Buildings Workforce portfolio

Framework for a Better Buildings Workforce



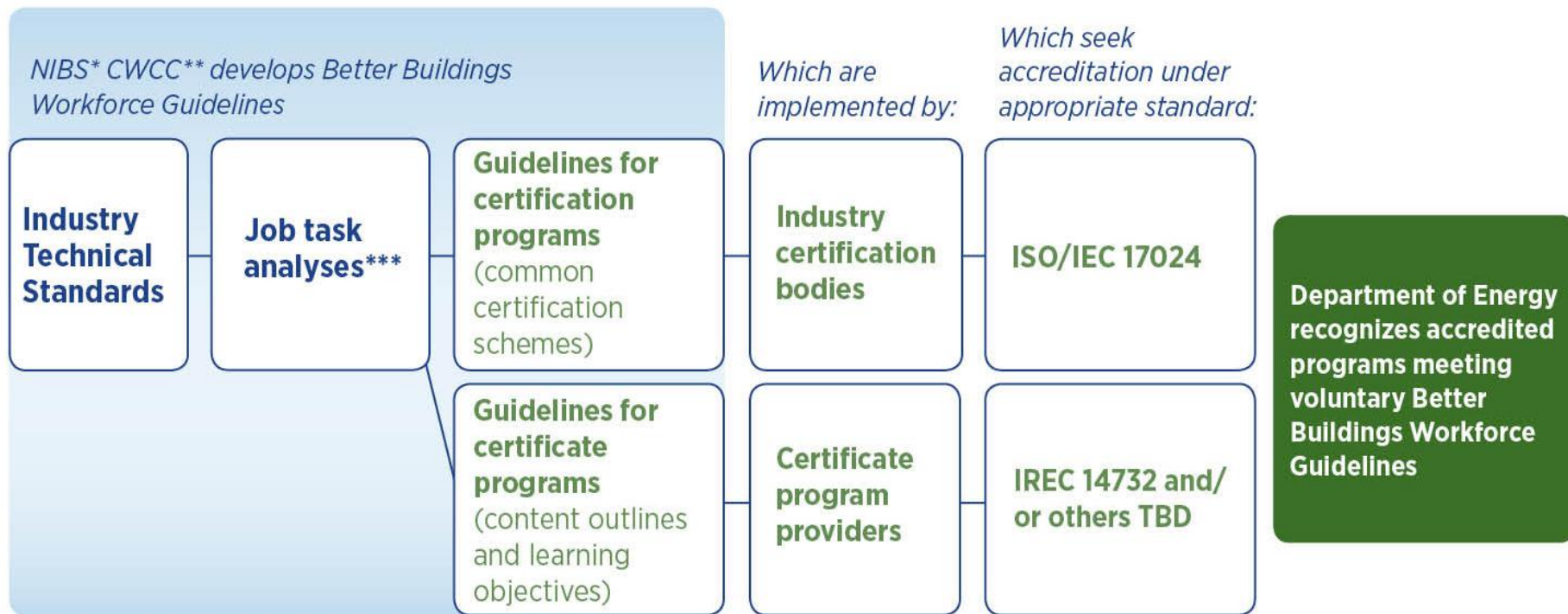
Program Area Goal: Support a high-quality commercial buildings workforce

Need a Way to Help Government and the Market Identify High Quality Training and Certification Programs



Better Buildings Workforce Guidelines

A Government and Industry Partnership to Advance Commercial Workforce Quality



*National Institute of Building Sciences

**Commercial Workforce Credentialing Council

*** Building Energy Auditor; Building Commissioning Professional; Energy Manager; Building Operations Professional; Facility Manager (Government and FBPTA focus)

Five Better Buildings Workforce Job Titles

Project Scope

Job Titles	Job Descriptions
Building Energy Auditor	The Commercial Building Energy Auditor is an energy solutions professional who assesses building systems and site conditions, analyzes and evaluates equipment and energy usage, and recommends strategies to optimize building resource utilization.
Building Commissioning Professional	The Building Commissioning (Cx) Professional is an individual who leads, plans, coordinates and manages a commissioning team to implement commissioning processes in new and existing buildings.
Energy Manager	An Energy Manager is responsible for managing and continually improving energy performance in commercial buildings by establishing and maintaining an energy program management system that supports the mission and goals of the organization.
Building Operations Professional	The Building Operations Professional manages the maintenance and operation of building systems and installed equipment, and performs general maintenance to maintain the building's operability, optimize building performance, and ensure the comfort, productivity and safety of the building occupants.
Facility Manager (FBPTA focus)	Manages, monitors and coordinates facility operations and supervises and communicates with staff to ensure efficient, sustainable operations and the satisfaction of the facility occupants. Federal Buildings Personnel Training Act ~50,000 Government; ~100,000 Contractors ~ \$31 billion dollars in Federal Facilities O&M Costs

Buildings Operations Professional May Be Revised

- This JTA was developed at a capstone level, it is unlikely that many individuals would be able to meet this certification and there has been very little interest in from any of the certification bodies in applying for ANSI/IAS accreditation.
- We can't change the JTA without going through the committee process:
 - Identify additional funding and alter the JTA—this could probably be done over a 1 year period
 - Don't make changes

BBWG – A DOE Recognized Program



RECOGNIZED PROGRAM

MEETS U.S. DEPARTMENT
OF ENERGY GUIDELINES

Criteria for recognition:

- 1) ANSI/IAS accredited per BBWG JTAs & schemes
- 2) Fill out online form with basic information on program on Workforce Partnership website

DOE recognition:

- 1) Provide logo and wording for use by certification bodies
- 2) List certification body on Workforce Partnership website
- 3) Recognize at Better Buildings Summit and in BB press release materials

Rollout Plan for Certification Programs



Completed

- License Agreement Finalized
- BB Logo & Guidelines Finalized
- DOE Recognition Criteria Finalized
- Revised BBWG Fact Sheet Finalized
- Post on NIB's website, DOE site updated
- DOE/NIBS press release



Next Steps

- Identify best path forward on BOP JTA - May
- Complete supporting materials for community colleges and identify best path forward on certificate program recognition- May
- **Continued engagement with GSA and other federal agencies to include preferential language in contracts—Announce at Summit**
- Ongoing engagement with cities developing energy efficiency legislation
- Outreach to BBA organizations looking to hire certified staff
- Identify how NIBs will self support in the future