



BETTER BUILDINGS WORKFORCE ACTIVITIES

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Housekeeping and Overview

- 1) Restroom location
- 2) Cell phones—silent please
- 3) Presentation format
 - 15 min presentation; 15 minute Q&A (reviewers first, then audience)
- 4) Presenters
 - Phil Coleman, LBNL: Better Buildings Workforce Guidelines (Energy Manager and Federal Facility Manager)
 - Marta Milan, Waypoint Building: Commercial Buildings Re-Tuning Training
 - David Riley, PSU: Workforce Competency Model and Career Map
- 5) 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



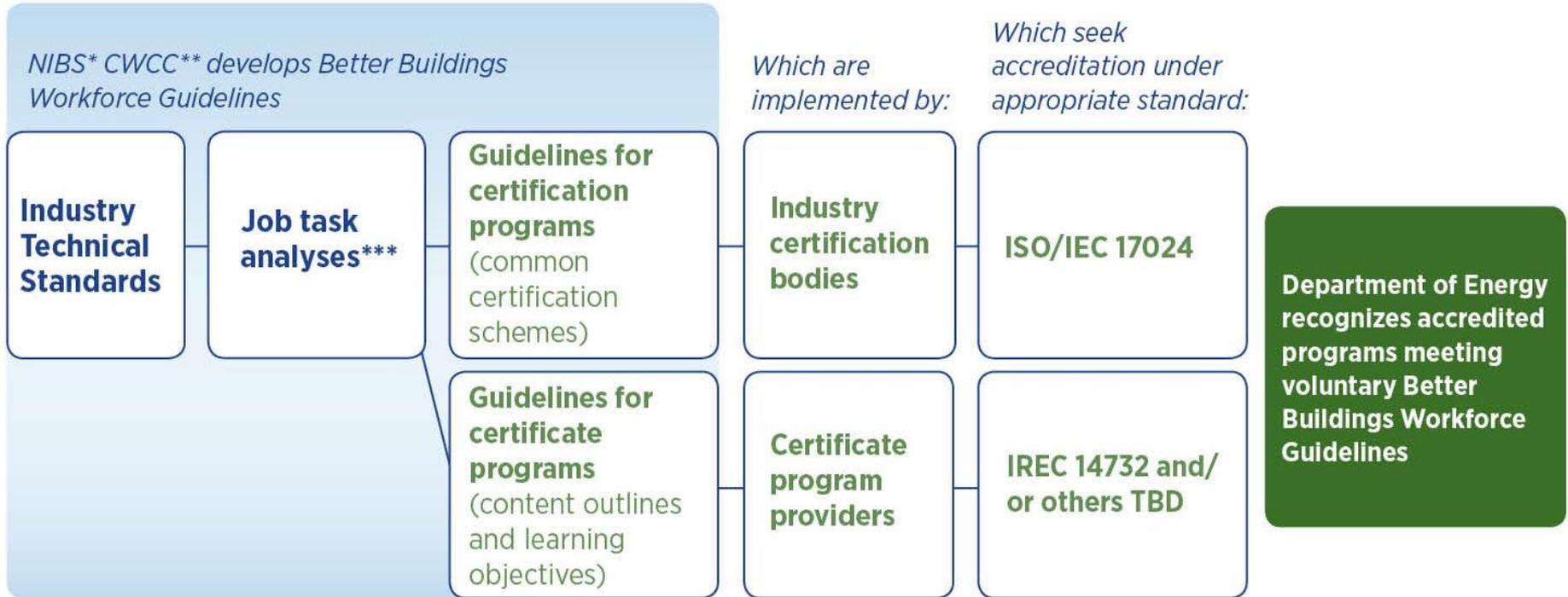
Recognizing High Quality Products and Services



This approach has worked across the Federal government for products and various “challenges”

Better Buildings Workforce Guidelines

A Government and Industry Partnership to Advance Commercial Workforce Quality



*National Institute of Building Sciences

**Commercial Workforce Credentialing Council

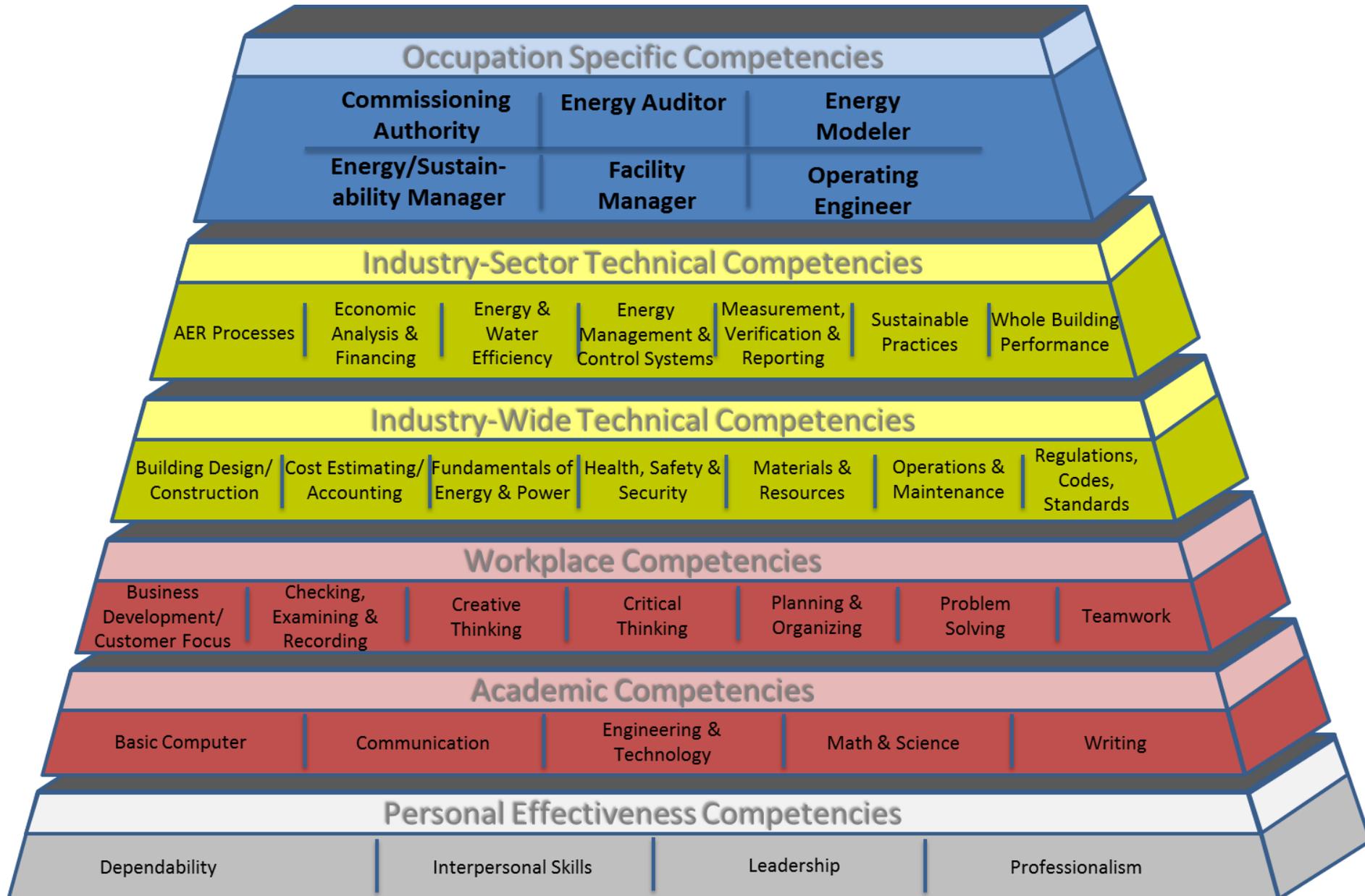
*** Building Energy Auditor; Building Commissioning Professional; Energy Manager; Building Operations Professional; Facility Manager (Government and FBPTA focus)

Five Better Buildings Workforce Job Titles

Project Scope

Job Titles	Draft Job Descriptions (will be further revised)
Building Energy Auditor	Assesses building systems and site conditions; analyzes and evaluates equipment and energy usage; and recommends strategies to optimize building resource utilization.
Building Commissioning Professional	Leads, plans, coordinates and manages a commissioning team to implement commissioning processes in new and existing buildings.
Energy Manager	Responsible for managing and continuously 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	Manages the maintenance and operation of building systems and installed equipment, and performs general building maintenance to optimize performance, maintain the building's operability and ensure the comfort and safety of 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

AER/Competency Model



Building Re-Tuning Training (Transforming the Commercial Building Operations)

