February 2, 2022

Wx Workforce Development

Senate Natural Resources & Energy Committee

Laura Capps Emerging Technologies and Services



The Assignment

Weatherization Workforce report.

- (1) On or before June 15, 2021, the Chairs of the Senate Committee on Natural Resources and Energy and the House Committee on Energy and Technology, or their designees, shall meet with the Department of Labor, the Agency of Education, Efficiency Vermont, representatives of the community action agencies, NeighborWorks of Western Vermont, the Vermont Fuel Dealers Association, and other parties currently delivering programming to train workers to perform services related to thermal energy savings and weatherization.
- (2) Thereafter, Efficiency Vermont shall lead the Weatherization Workforce Group that shall develop plans for the coordinated delivery of a standardized statewide Building Sciences curriculum that includes weatherization. The curriculum shall be designed to establish a career pathway in energy efficiency construction and shall include a certification that is broadly recognized, transparent, and portable.
- (3) On or before October 1, 2021, Efficiency Vermont shall report to the Senate Committee on Natural Resources and Energy and the House Committee on Energy and Technology a plan for enhancing the coordinated delivery of the standardized Building Sciences training program in order to support the goals of 10 V.S.A. § 581.

Vermont Weatherization Career Path

Wx Installer	Wx Apprentice	Wx Journeyman	Res HVAC Contractor	Wx Expert
Soft skills for employees Carpentry basics Building science basics Air sealing & insulation installation	 Building codes for weatherization Weatherization installers & technician registered apprenticeship / energy audits & building diagnostics Historic building weatherization Carpentry applications Managing water in buildings Building & product certifications, standards & codes 	Healthy buildings Residential energy modeling basics Building management systems & integrated control technologies (smart homes) basics Industrialized weatherization	HVAC design HVAC installation & commissioning HVAC installation & commissioning - hydronics Domestic hot water systems	Building science applications Crew leader Crew leader & manager soft skills Running a weatherization business Train the trainer

Agency of State or its appointed designee



Vermont Weatherization & Building Science Training Program Directory



Vermont Weatherization & Building Science Professionals Workforce Directory

Framework benefits

Consistency

Flexibility

Visibility

Right-sized

Expansive

Vermont-specific

Workforce Development

Program solicitation

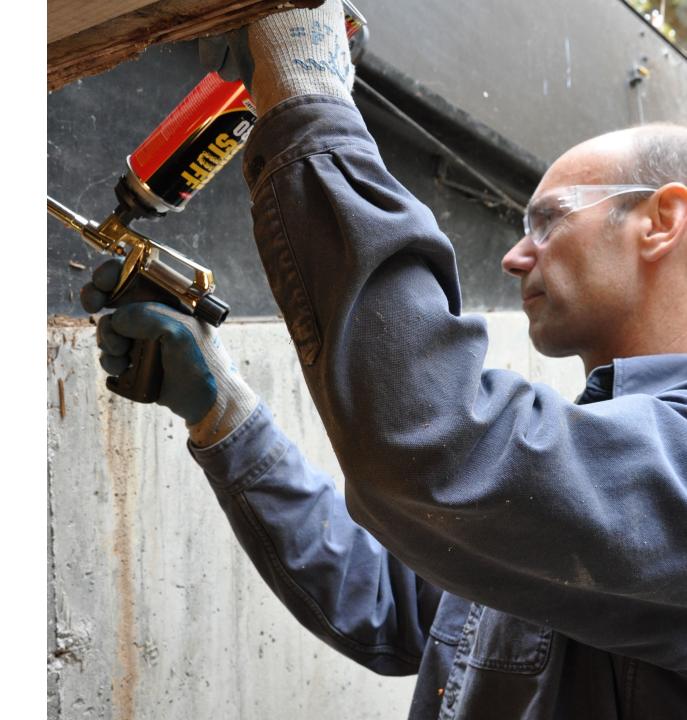
- RFI 4th quarter 2021
- 9 responses
- Collaboration with Public Service
 Department for RFP
- Focus on growing the workforce



Beyond the Framework

Key needs to grow Wx workforce

- 1. Clear career pathways in construction trades for young Vermonter's
- 2. Available workers in general
- 3. Competitive wages in Wx
- 4. Consistent, reliable Wx funding
- 5. Available affordable housing



Questions?

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