

## State News for NSPE Members

### Vermont Funds Brownfields Clean Up

Vermont will spend \$25 million to clean up old industrial sites in the state, the [AP reports](#). The largest, the former Jones & Lamson Machine Co. building in Springfield, sits on 14 acres and contains a multitude of contaminants. Already, \$2.5 million has been spent on assessment and preliminary cleanup on the site, according to *The Valley News*.

Typically, the EPA funds such brownfield clean up. In this instance, however, state funds will be used. The other sites for remediation are in St. Albans and Burlington.

“This presents a once-in-a-lifetime opportunity to address longtime challenges and finally make good on the promise to increase economic equity from region to region and bring growth to all areas of the state, not just Chittenden County,” Governor Phil Scott said.

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### Report Models Future Efficacy of Climate-Friendly Energy Strategies in Vermont

A recent [report](#) by the Energy Action Network says Vermont can meet its emissions reduction requirements for 2025 and 2030 using available technology and knowledge. The report asserts that equipment choices are an important factor in determining fossil fuel use. It also says clean vehicles and clean heating systems will need to be installed at a geometric rate rather than a linear rate because equipment-purchase choices have had an impact on emissions for decades, and also because Vermont’s emissions reduction requirements are not linear. Many markets also need time to build up in order to reach the level needed to achieve significant emissions reductions, the report found.

Finally, the report says each climate-friendly measure that is implemented will have different impacts over differing time periods: For example, the model the report’s authors used showed transportation efficiency improvements playing a big role in meeting the 2025 reduction targets, but its impact declines over time. Electrification of transportation, by contrast, plays a bigger role in meeting 2030 targets than 2025 targets, so its impact increases over time. “Also, some measures that have not been widely implemented yet will have to scale significantly and rapidly in order to meet 2030 targets, including transportation

electrification and RNG in the thermal sector,” the report states.

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

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## Volunteer Leaders Make a Difference – Are You Ready?

Do you want to influence the future of the profession? Are you a young professional looking to advance your career? Have your professional achievements created a desire to give back and serve?

Join NSPE leaders Tricia Hatley, Megan Schultz, and Craig Sisco on **November 1** (4:00 p.m. to 5:00 p.m. ET) as they explore the rewards, benefits, and requirements of volunteer service. NSPE President Rick Guerra will serve as the moderator during this **free webinar**.

Attendees will learn about the opportunities available and gain an understanding of the skills and abilities desired for these positions. The panelists will also share real-life stories of how volunteer service with NSPE has improved their careers and provided fulfillment of their goals and aspirations. [Register now](#).



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Megan J. Schultz,  
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## Delaware Improves Licensure Mobility for PEs

Legislation designed to expand licensure mobility for professional engineers in Delaware was signed by Governor John Carney on September 17. Members of the Delaware Engineering Society let state legislators know of their support for the bill through the [NSPE Advocacy Center](#), a critical factor in gaining support for its passage.

The amendments to the state’s PE law provide multiple licensing opportunities. Individuals with an NCEES Record or who qualify as a Model Law Engineer will now find it easier to obtain a PE license in Delaware. The law was also amended to recognize applicants who are graduates of an engineering educational program approved by an accrediting agency that is a signatory to the Washington Accord. The accord covers 21 countries, including Australia, Canada, China, India, Ireland, Japan, Korea, New Zealand, Russia, South Africa, the United Kingdom, and the United States.

An applicant with a minimum of five years of continuous and verifiable experience as a professional engineer can also apply for comity licensure. These applicants must also submit five references, three of which must be from professional engineers licensed in the US, Canada, or an International Professional Engineer registrant under the International Engineering Alliance.

The law's new provisions also eliminate the requirement that licensees can use only an embossed seal, making way for use of a digital seal.

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## Challenges Facing the Profession



NSPE Immediate Past President Tricia Hatley, P.E., F.NSPE, offers her advice on how engineers can get the most satisfaction from their careers in a four-part series featured in *Machine Design*.

In the first article installment, [Challenges Facing the Profession](#), Hatley discusses the value of professional engineering licensure and the challenges the profession faces—population growth and urbanization, the recent pandemic and its short and long-term effects on society, the need for diversity to increase the ranks of engineers, and advances in technology.

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## Member Benefit: Build Your Financial Future with BHG

Did you know that NSPE has a member-benefit partner to support your financial needs? BHG offers members a variety of financial solutions including:

- Business loans to cover expenses such as debt consolidation, working capital, technology or equipment, business acquisition, or startup costs;
- Personal loan solutions to cover expenses such as debt consolidation, investments, life events, or major purchases;
- SBA 7(a) loans for business debt consolidation, or costs associated with startup or acquisition, real estate, renovation, or expansion; and
- Credit cards that offer low rates, cash back, and elite rewards, designed for professionals.

For more information or to get started, visit the BHG [website](#).

***Not sure what financial solution is right for you but trying to improve your credit health?*** Learn four great ways to improve your credit health in BHG's recent webinar, [The Credit Gambit](#).

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