

## **Out ahead on solar energy, Minnesota engineer is still pushing to speed up change**

John Dunlop launched his renewable-energy career amid oil embargos and the fledgling environmental movement of the 1970s.

The 45-year renewable-energy pioneer, who's an engineer and physicist, drives an electric-powered vehicle, lives modestly, speaks softly but authoritatively about the growing promise of a low-carbon economy increasingly powered by wind, sun and smart technology.

His fact-based view has been vindicated. We face a tremendous environmental challenge and economic opportunity.

"We're not piddling around," said Dunlop, who agreed to chair the 300-attendee national conference only after the ASES board agreed to focus on actions to move the needle ASAP. "Our focus is taking urgent action using renewable energy to eliminate carbon emissions from electrical generation and transportation and new buildings within two decades."

The vision, environmental outlook and economics are shading green in Minnesota, leading the Midwest in the transition to renewable energy, efficiency and related job growth.

[Read the full story.](#)

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## **NSPE Leads Coalition To Protect Professional Licensure**

NSPE bolstered its efforts to protect professional licensing with the creation of the Alliance for Responsible Professional Licensing (ARPL), a new coalition of advanced professions dedicated to informing lawmakers and the public of the importance of rigorous professional licensing standards.

In this partnership, NSPE is leading the charge to educate policymakers on the importance of maintaining standards for complex technical professions like engineering that have a clear impact on public health, safety, and welfare. In addition to its ongoing efforts to defend the PE license, NSPE

spearheaded this coalition to ensure that professional engineers and other advanced professions are represented amid the growing debate around licensing laws.

In its leadership position with ARPL, NSPE will highlight how professional licensing protects the public by ensuring a baseline of proven qualification and expertise that protects consumers from unqualified practitioners. This public awareness campaign aims to counter the anti-licensing interests that threaten public safety.

Joining NSPE in this coalition are the American Institute of Architects, the American Institute of CPAs, the American Society of Civil Engineers, the Council of Landscape Architectural Registration Boards, the National Association of State Boards of Accountancy, the National Council of Architectural Registration Boards, and the National Council of Examiners for Engineering and Surveying.

[Learn more about ARPL at responsiblelicensing.org.](https://responsiblelicensing.org)

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## **The How and Why of NSPE**

NSPE's House of Delegates has approved a new strategic plan for the organization, examining both its *how* and *why*.

A year-long project with extensive stakeholder involvement, the work illustrated the desire for both continuity and change for the Society.

The new plan comprises a new vision, mission, values, and goals, starting from the idea of “a world where the public can be confident that engineering decisions affecting their lives are made by qualified and ethically accountable professionals.”

And now the real work begins—by the NSPE board, other leaders, and individual members.

[Learn more about the new strategic plan from Executive Director Mark Golden.](#)

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## **‘Dignity, Respect, Fairness, and Without Discrimination’**

Since the 1940s, NSPE has provided members with advice on the proper ethical behavior of engineers. Now that advice explicitly includes an obligation to antidiscrimination and fairness.

During NSPE's Professional Engineers Conference in July, the House of Delegates unanimously accepted the following addition to the “professional obligations” section of the Code: “Engineers shall treat all persons with dignity, respect, fairness, and without discrimination.” The House of Delegates is made up of representatives from all state and territorial societies.

The Board of Ethical Review offered this amendment to the Code based on a review of cases, reported complaints, observed incidents, and ethics code changes made by other professional and

technical societies. Those organizations include the American Institute of Architects, the American Institute of Chemical Engineers, the American Society of Civil Engineers, IEEE, and the Society of Petroleum Engineers.

This change to the Code of Ethics also builds upon a policy adopted by NSPE last year calling for a “diverse and welcoming environment for everyone interested in the licensed practice of engineering.”

[Access the NSPE Code of Ethics.](#)

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