

## PRESS RELEASE

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### Unveiling the Pacific Northwest's First-Ever Renewable Hydrogen Action Plan

*The Pacific Northwest Renewable Hydrogen Action Plan is the first concerted, strategic effort to develop a shared agenda for policy, projects, and research actions to scale up RH2 in the region, to benefit both our economy and environment.*

OLYMPIA, WA, May 20, 2021 – The [Center for Sustainable Infrastructure \(CSI\)](https://centerforsci.org) and the [Renewable Hydrogen Alliance](https://renewableh2.org) announced today the release of the *Pacific Northwest Renewable Hydrogen Action Plan*, which offers a strategic agenda for policy, projects, and research to scale up renewable hydrogen (RH2) production and use in the region.

Renewable hydrogen production uses renewable electricity to create a non-polluting fuel for vehicles, vessels, industry and even homes. RH2 “stores” that electricity as a fuel that can be used in various applications and hard-to-decarbonize sectors. RH2 can provide a significant piece of the clean energy mix for the Northwest and beyond, and its production can generate jobs and economic value for the region.

“BEF has identified renewable hydrogen as a critical fuel for the electricity, transportation, and industrial sectors,” said Evan Ramsey with one of the action plan’s key sponsors, the Bonneville Environmental Foundation. “This molecule, derived from renewable electricity, is truly the only scalable zero-carbon fuel that can help advance our electrification and decarbonization goals.”

The *Pacific Northwest Renewable Hydrogen Action Plan* synthesizes insights from experts and distills a set of actions that will put the Northwest on a shared path forward to build a powerhouse RH2 sector.

The Action Plan makes two calls to action, backed by input from nearly 50 thought leaders and industry experts. The first call to action is to “Lead with Projects” that produce RH2 and deliver it to customers, and the second is to “Create a 10-Year RH2 Roadmap” that lays out RH2’s role in the optimized energy portfolio of the future, and the steps to get there.

“The purpose of the Action Plan is to accelerate the deployment of RH2 in the Pacific Northwest, and realize the climate, economic, environmental and social benefits that RH2 offers the region and the planet,” said Rhys Roth, CSI’s founder and the plan’s primary author.

“We want to put a spotlight on what is already being done to advance the RH2 sector and recommend a pathway for success into the future,” said Michelle Detwiler, executive director, Renewable Hydrogen Alliance.

The organizations involved in developing the plan are already undertaking significant actions to advance RH2 deployment. For example:

PACCAR is producing a limited number of hydrogen-powered semi-trucks in partnership with Toyota as a research and development project.

“Every step counts toward building a hydrogen economy,” said Michael Lord, sustainability and regulatory affairs executive engineer at Toyota Motor North America. “For decades, Toyota has developed hydrogen powered fuel cell electric technology, so being part of this visionary initiative has the potential to scale hydrogen in the region; thus, benefiting the economy and creating a path toward carbon neutrality.”

Douglas Public Utility District in Washington is installing a 5-megawatt electrolyzer that will use surplus hydroelectricity to power the region’s first major RH2 production facility.

Mitsubishi Power Systems and Puget Sound Energy recently announced an agreement to collaborate on renewable hydrogen production, storage and pipeline facilities within PSE’s service area.

#### **Additional Information**

Full Report can be accessed here: [www.sustaininfrastructure.org/renewable-hydrogen-action-plan](http://www.sustaininfrastructure.org/renewable-hydrogen-action-plan)

#### **About the Center for Sustainable Infrastructure**

[The Center for Sustainable Infrastructure \(CSI\)](http://www.sustaininfrastructure.org) is a Pacific Northwest-based non-profit dedicated to building a thriving, sustainable future of broadly shared prosperity in communities across our region through integrated infrastructure solutions. CSI’s mission is to catalyze state-of-the-art sustainable infrastructure solutions that help communities of every kind thrive economically, socially and environmentally.

#### **About the Renewable Hydrogen Alliance**

[The Renewable Hydrogen Alliance](http://renewableh2.org) is a 501(c)(6) membership organization based in Portland, Oregon that advocates for using renewable electricity to produce climate-neutral hydrogen to supplant fossil fuel consumption across multiple economic sectors.

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