

About the Water-Energy Nexus Registry

What is the Water-Energy Nexus Registry?

The Water-Energy Nexus (WEN) Registry is a voluntary greenhouse gas (GHG) reporting program that allows participants to measure, track, and mitigate the GHG emissions associated with California's water system. It will be especially relevant and beneficial to water agencies, local governments, and sectors with large water footprints, such as higher education and the food and beverage, hospitality, and health care industries.

What kind of data is reported to the Water-Energy Nexus Registry?

Participants will measure, track and report their carbon footprints, as well as report volumes of water associated with the annual extraction, consumption, delivery, storage, and/or treatment of water. By reporting to the WEN Registry, participants will be able to generate water-related performance metrics (e.g., metric tons GHG/AF of water), help identify opportunities for GHG emission reductions, and track the impact of those actions over time. Participants will report their data in the Climate Registry Information System (CRIS), The Climate Registry's proprietary calculation and reporting software.

Why do we need a GHG registry for the water-energy nexus?

California has established a statewide GHG reduction target of 40 percent below 1990 levels by 2030. In the state's 2017 Climate Change Scoping Plan, the water sector is identified as a key partner in achieving statewide reduction goals. While the state recognizes that most of the energy associated with managing our water occurs during its consumption, it also takes a significant amount of energy to get water to our taps or to move it away after it goes down our drains. This energy consumption contributes to California's carbon footprint. The WEN Registry will provide water suppliers, distributors, wastewater managers and end-users with the information they need to do their part in voluntarily advancing the state's climate goals and supporting local climate resiliency.

What is The Climate Registry's role in the Water-Energy Nexus Registry?

California Environmental Protection Agency (CalEPA) awarded the contract to administer the WEN Registry to The Climate Registry (TCR). TCR has developed the WEN Registry protocols in consultation with stakeholders statewide, as well as the reporting software, trainings, and Water-Energy Leader™ recognition program.

Joining the Registry

Who is joining the Water-Energy Nexus Registry?

The WEN Registry is a voluntary program, open to all organizations with operations in California, including water suppliers, distributors, end users, wastewater managers and organizations with large water footprints. Please contact wen@theclimateregistry.org for information on how to join.

How much does it cost?

There is **no cost** to join the WEN Registry. It is a free program for organizations with operations in California.

What are the benefits of joining?

- Free GHG guidance, training, and calculation tools empower your organization to measure entity-wide emissions baselines and track reductions over time
- Production of high-quality GHG data consistent with international best practice
- A planning tool to help you identify efficiencies and GHG reduction opportunities, and prioritize capital investments and expenditures
- Opportunities to tell your unique story to stakeholders and be recognized as a Water-Energy Leader

When does the Water-Energy Nexus Registry open?

The WEN Registry is now open and accepting new participants. Reporting opens in mid-July 2019. After joining, participants will gain access to orientation materials and trainings that will help them track their emissions and maximize the benefits of being a participant in the WEN Registry.

If we join, what is expected of our organization?

The WEN Registry is a voluntary reporting program with no minimum requirements. Participants will have access to a toolbox of resources that will help them measure and track their GHG emissions and water data. Organizations can choose to undergo third-party verification in order to publicly disclose their emissions inventory and/or performance metrics.

What if my organization is already a member of The Climate Registry?

Current TCR members with operations in California are invited to join the WEN Registry. You will gain access to new calculation tools and resources as part of your membership with TCR. Data reporting for the WEN Registry and TCR's existing Carbon Footprint Registry will be streamlined through TCR's software. Please contact wen@theclimateregistry.org for more information.

Reporting and Recognition

Will data reported to the Water-Energy Nexus Registry be publicly disclosed?

Only data that has undergone third party verification – an optional step for participants – will be made available to the public through the CRIS platform. No emissions or water data reported to the WEN Registry will be made publicly available without a participant's consent.

How can our organization be recognized as a Water-Energy Leader?

Participants in the WEN Registry have the opportunity to be recognized for their actions in the Water-Energy Leader recognition program. Interested participants submit an application, selecting one of the five tiers in the recognition program and providing information on how they met the criteria to achieve it. Your organization can be recognized as a Water-Energy Leader (Bronze) once a representative completes two trainings and you report emissions in a self-defined boundary (i.e., in at least one facility.)

Taking additional steps - such as reporting GHG emissions throughout your operations, verifying your emissions inventory, and achieving a GHG reduction goal – means you move up the Water-Energy Leader ladder and receive even more recognition.

About The Climate Registry



The Climate Registry

TCR is a non-profit governed by U.S. states and Canadian provinces and territories. TCR designs and operates voluntary and compliance GHG reporting programs globally, and assists organizations in measuring, reporting and verifying (MRV) the carbon in their operations in order to manage and reduce it.

Contact us

For more information on the Water-Energy Nexus Registry, contact us at wen@theclimateregistry.org, call our help desk at (866) 523-0764, or visit our website.

www.theclimateregistry.org