



Environmental Council of the States

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ECOS Seeking Low-Input Water Reuse Projects

The Environmental Council of the States (ECOS) is soliciting examples of water reuse projects that showcase the successful integration of low-input solutions to meet local water needs as an action of the National Water Reuse Action Plan (WRAP). **Low-input solutions include projects that can be considered low-energy, low-cost, or low-maintenance, or that have another feature that makes them accessible to a variety of practitioners while still meeting public health and environmental goals.**

ECOS is seeking to identify and showcase projects that represent a variety of geographic areas, community sizes, and types of water reuse. The projects should highlight smaller community efforts to employ reuse effectively and demonstrate how low-input water reuse solutions can address water scarcity issues, help communities access alternative sources of water, create cost or energy savings, or alleviate permitting issues or regulatory compliance costs.

ECOS will develop approximately ten selected examples into case studies covering a range of low-input applications including irrigation, industrial and commercial uses, or environmental restoration. Specific projects may include, but are not limited to, cisterns or onsite treatment and use at an agribusiness scale, nature-based systems where reuse supports constructed wetlands or ecological flows in rivers, use of reused water for irrigation, aquifer recharge, contact recreation activities, wash waters, purple line uses, or potable supply use. Projects reusing wastewater, stormwater, or graywater will be considered.

If you would like to submit a project for consideration to be included in the case studies, please share a few paragraphs with the following information:

- Project name, location, and community type/size
- Basic description of project, reuse application, and how it might be characterized as low-input
- Considerations for implementation, which should include:
 - Approximate cost
 - Health-based requirements if applicable
 - Technical requirements
- Results and benefits, which could include:
 - Improved water access, quality, or supply
 - Cost or energy savings
 - Increased resiliency
 - Lower risk of system not meeting needs of the community or user
 - Better asset management
 - Partnerships
 - Reduced permitting burden
- Project contact information

Please share examples with Layne Piper of ECOS at lpiper@ecos.org. Projects will be selected by a group of partners from other associations and EPA, and ECOS will collect additional information from project contacts to develop and publish the case studies. Some of the projects will also be selected to be featured in a webinar later this year.

The case studies will be developed and published by ECOS under a cooperative agreement with U.S. EPA, and will be shared on the ECOS website and through U.S. EPA's National Water Reuse Action Plan Online Platform. This work is for Action 1.5 of the WRAP, "Develop Case Studies of Successful Integration of Low-Input Solutions to Meet Local Water Needs."

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