

## GREEN STORMWATER



Beckoning Cistern above cascading gardens on Vine Street.  
Photo: Buster Simpson

### WHERE WE STAND

The Washington Department of Ecology estimates that one-third of all the polluted waters in the state are polluted by stormwater runoff. This runoff can cause sewer back-ups, localized flooding, degradation of tidelands and beaches, and sewage overflows. The problem is large. In 2017, 147.5 million gallons of combined sewer and wastewater overflowed into local water bodies in 275 events.

\*Statistics courtesy of King County and City of Seattle

One key solution is Green Stormwater Infrastructure (GSI) which works by mimicking how water moves through the landscape. GSI tools include rain gardens, bioretention, green roofs, cisterns, permeable pavement, and rainwater harvesting.

### WHERE WE'RE GOING

The Seattle 2030 District has set a goal to work with our Member buildings, other private partners and public agencies to manage 228 million gallons of stormwater in the District.

This is part of the combined water goal to manage stormwater and potable water use in existing buildings by 50% below the District baseline by 2030, with incremental targets of 20% by 2020 and 35% by 2025.

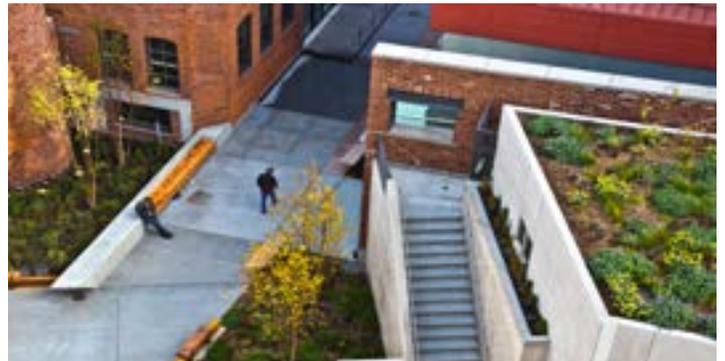
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### HOW WE'LL GET THERE

The Green Stormwater Initiative assists developers, building owners and managers develop GSI projects and retrofits.

The District provides technical resources such as a Stormwater Calculator to estimate stormwater reductions on a particular building. Members can access information on programs that offer incentives for GSI along with examples of successful installations. Throughout the year, we offer networking opportunities to connect building owners, professionals and GSI leaders. We track and share regional GSI trends and strive to connect partners for opportunities to collaborate on larger projects.

We believe that the individual landowners have the talents, desire and will to achieve a quantifiable reduction in stormwater impacts.



Green roof integrated into landscaping at Vulcan's Stack House Apartments Photo: Michael Wamsle Photography

### RESOURCES

Click any storm cloud to start!