

From: [The Stormwater Report](#)
To: [Susan Boynton](#)
Subject: The Stormwater Report: Report delves into private funding options for green infrastructure
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Stormwater Report



Storm Feature



Report delves into private funding options for green infrastructure

The playing field for innovation in funding/financing as well as project delivery in the water sector is very full right now. From “green” bonds to pay-for-success as well as performance-based contracting, many new models are on the scene.

A report released Jan. 20, titled, *Assessing the Market Size for Large-Scale Adoption of Green Infrastructure in the Great Lakes Basin*, helps to shed some light on both private financing of green infrastructure as well as community-based public-private partnerships (CBP3s). CBP3s are a new and emerging model for project delivery and financing. [Read more](#)

Storm News



Orange County works with U.S. Army Corps to bolster groundwater supplies

To reduce dependence on water imported from Northern California and the Colorado River, the Orange County Water District (OCWD; Fountain Valley, Calif.) is collaborating with the U.S. Army Corps of Engineers (USACE) to maximize the area’s stormwater capture capabilities.

From July 2016 through January 2017, the height of California’s flood season, Orange County experienced rainfall totaling almost 20.3 cm (8 in.) — more than half the area’s average annual

precipitation. Much of this rainfall is captured temporarily behind the Prado Dam in nearby Riverside County, which USACE manages.

During the state's wet months, from early October through late February, USACE flood risk management programs mandate that stormwater held in the Prado Dam must not exceed an elevation of 151.8 m (498 ft) above mean sea level (amsl). In anticipation of heavy storms in late December and early January, OCWD proposed a temporary increase of the dam's elevation limit to 153.6 m (503.9 ft) amsl; USACE approved this on Dec. 23, 2016.

Since then, the deviation has allowed at least 34.5 million m³ (28,000 ac-ft) of stormwater to recharge Orange County groundwater basins instead of flowing into the Pacific Ocean. [Read more](#)

Houston mayor approves \$10 million for 22 proactive stormwater rehab projects

On Jan. 11, 2017, Houston mayor Sylvester Turner sent in SWAT to solve long-standing drainage problems across the city.

But instead of carrying out high-stakes military operations, this SWAT — the cleverly named Storm Water Action Team — will commence work on approximately 100 deferred projects focused on maintaining and upgrading Houston's aging flood management infrastructure.

The formation of the team represents the first large-scale project spearheaded by Stephen Costello, who was appointed Houston's "flood czar" last April following regional flooding that killed at least eight people and affected around 2000 residences. [Read more](#)

DC Water and the WEF announce inaugural National Green Infrastructure Program certifications

DC Water and the Water Environment Federation (WEF) on Jan. 30 announced the issuance of the first certifications under the National Green Infrastructure Certification Program (NGICP). The NGICP is designed to verify that the inaugural group of 62 certified individuals have successfully demonstrated competency in the foundational knowledge, concepts, and terminology required to perform tasks related to green infrastructure (GI) construction, inspection, and maintenance. [Read more](#)

More News



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Taking the high road for water quality



Source control is a topic of great interest in the stormwater sector, in part due to the cost-effective nature of this approach — as the old adage goes, “an ounce of pollution prevention is worth of pound of pollution treatment.” Considering the significant and growing funding gap in the stormwater sector, practices that are cost-effective are critical, and will continue to be so in the future.



Water Environment Federation
601 Wythe Street
Alexandria, VA 22314-1994
1-800-666-0206

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