



# DIGEST

green streets • green jobs • green towns  
THE NEW TRIPLE BOTTOM LINE

Sponsored By: Office of State and Watershed Partnerships, Water Protection Division, U.S. EPA Region 3

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## 1. Green Streets



● [Hurd Field's Porous Pavement Education Project](#)  
EPA - 10/15/2012

● [A Parking Garden for the Times](#)  
Oak Park - 10/15/2012  
Riverside, IL received an Illinois Green Infrastructure Grant to build a sustainable surface parking lot paved with permeable pavers close to the train station on East Burlington. The rain garden integrated into this parking lot is not only beautiful but functional, capturing and holding 97 percent of the moisture on site.

● [The Cermak/Blue Island Sustainable Streetscape](#)  
Ward 25 Chicago - 10/15/2012  
The first commercial roadway application of photocatalytic cement, which cleans the surface of the roadway and removes NOx gases from the surrounding air through a catalytic reaction driven by UV light.

● [In praise of alleys, Chicago's unsung heroes](#)  
WBEZ - 10/15/2012  
For the past two years, the city has been spearheading an initiative to green Chicago's alleyways, using new porous asphalt to filter rainwater, keeping it from polluting the city's rivers and streams. It's ambitious and practical, and, since its inception, has been used as a model for cities looking for creative ways to encourage sustainable urban development.

● [Zoo to undergo multi-million dollar makeover](#)  
9WSYR.com - 10/15/2012  
The parking lots will be redesigned to address the major flood issues and collect rain water as part of the county's

Save the Rain program. New porous pavement and water retention areas will redirect overflowing rain water to exhibits

- [How to Sweep a Porous Asphalt Pavement Construction Site](#)

**ForconstructionPros.com** - 10/12/2012

Additional steps were required by Algonquin Sweeping & Striping for proper sweeping

## 2. Green Towns

- [Austin Goes Carbon Neutral](#)

**GovTech** - 10/15/2012

In 2012, the city checked off one of its milestones, which was to power all city facilities using renewable energy, and is now the No. 2 city on the U.S. Environmental Protection Agency's (EPA) Top 20 Local Government list of green power purchasers

- [Seizing the Rain in Blue Island](#)

**Openlands** - 10/15/2012

The City of Blue Island, Illinois is using native gardens, rain barrels, and other green infrastructure to reduce the frequency and severity of costly sewer and basement back-ups, all while beautifying the neighborhood and empowering local residents.

## 3. Green Jobs

- [The New "Restoration Economy" a Boom for Jobseekers and the Environment](#)

**NRDC** - 10/15/2012

Investing in habitat restoration creates more jobs than comparable investments in other sectors of our economy – 19-24 jobs per \$1 million of investment, as opposed to seven jobs per million dollars invested in coal, and five jobs per million dollars invested in natural gas.

- [Massive offshore wind project could generate 70,000 new jobs](#)

**GreenTech Media** - 10/15/2012

During Atlantic Wind Connection ten-year build-out, according to a report, the region can expect 173,000+ job years (77,000+ direct offshore wind industry job years, 44,000+ supply chain worker job years, and 51,000+ induced job years).

- [Report Summary: Occupational Employment and Wages in Green Goods and Services Summary](#)

**Bureau of Labor Statistics** - 10/15/2012

In November 2011, transportation and material moving occupations accounted for 539,470 jobs, or approximately 28 percent of total employment, in establishments that received all of their revenue from green goods and services

- [Any Job Can Be a 'GreenJob'](#)

**American Association of Community Colleges** - 10/15/2012

Workers that are trained for green skills embedded in a broader set of occupational skills are in much better shape than workers trained for a discrete set of green skills only

- [Community Ideas for Job Creation](#)

**Big Ideas for Jobs** - 10/15/2012

The role of communities is extremely important in the fields of economic development and job creation. Advocates, community leaders and non-profit organizations are often working on the ground and can see what strategies are working and what improvements are needed. The following ideas have been gathered in order for states to learn from each other about job creation and adopt new ideas.

- [Greener Reality: Jobs, Skills, and Equity in a Cleaner U.S. Economy](#)

#### **Center on Wisconsin Strategy - 10/15/2012**

Greener Reality takes stock of the green economy, looking at what works (and doesn't) in related skill and credentialing initiatives and placing them in a broader context of human capital development, community resilience, and climate change.

#### **State and Local Government Ideas for Job Creation**

##### **Big Ideas for Jobs - 10/15/2012**

Job creation is always a priority of a state's elected officials but in today's economy, it has moved to the top of the list. The following ideas have been gathered in order for states to learn from each other about job creation and adopt new ideas.

#### **Governor Brown Signs Landmark Bills to Bring Clean Energy and Green Jobs to Disadvantaged Communities**

##### **Green for All - 10/15/2012**

On Sept. 30, California Gov. Jerry Brown took a big step toward giving all Californians access to clean energy and green jobs by signing SB 535 and AB 1532 into law. These bills will invest hundreds of millions of dollars to provide clean energy to disadvantaged communities, support small businesses and create jobs in the environmental sector.

#### **Urban Releaf: How One Community Group Is Saving Urban Neighborhoods and Creating Jobs**

##### **AlterNet - 10/15/2012**

Oakland, California's Urban Releaf provides job training and education for local youth, and creates a healthier community.

## **4. Conferences, Workshops, Webinars**

#### **Designing Cities: Leading the Way to World Class Streets**

##### **National Association of City Transportation Officials - 10/15/2012**

An opportunity for elected officials, transportation leaders, and key stakeholders from the public and private sector to forge a common vision for cities to achieve national objectives for healthier, more sustainable, equitable, and efficient cities of tomorrow.

October 24-26, 2012, NYU Kimmel Center, NY

#### **Webinar: Innovative, Sustainable Funding Options for State DOTs**

##### **State Smart Transportation Initiative - 10/15/2012**

This webinar will discuss a new State Smart Transportation Initiative report on innovative, sustainable transportation funding models to assist decision-makers in identifying policies and practices to augment the current fuel tax revenue system. October 29, 2012, 1:00 PM (2:00 PM Eastern)

#### **Volpe Center Events - FHWA Administrator Mendez to Speak on Every Day Counts Initiative**

##### **Volpe Center - 10/15/2012**

Thursday, October 25, 2012, 12:00 noon – 12:30 p.m.

#### **North Texas Land/Water Sustainability Forum**

##### **North Texas Land/Water Sustainability Forum - 10/15/2012**

LID Design Competition Finals, Event & Awards

November 7, 2012, The Grand Ballroom at The Worthington Hotel, 200 Main Street, Fort Worth, Texas

#### **Low Impact Development Seminar**

##### **Half Moon - 10/15/2012**

October 26, 2012 – Wilmington, DE

● [Stormwater Retrofitting Workshop for Virginia Stormwater Practitioners](#)

**Chesapeake Stormwater Network** - 10/15/2012

Chesapeake Bay Stormwater Training Partnership Workshop

November 1 – 2, 2012

9:00 AM – 4:30 PM

Charlottesville, VA

## 5. Livable Sustainable Communities

● [Cleaning the urban environment with "sustainable backyards"](#)

**Sustainable Cities Collective** - 10/15/2012

Chicago has a great new program to help residents join the city in reducing stormwater pollution cleaning the air, cooling “heat islands,” and improving public health. It’s called Sustainable Backyards, and the genius of it is that it’s educational, participatory, and effective at the same time.

● [LA Densification Must Offer Suburban-like Amenities - Green Spaces and Places](#)

**Planning Report** - 10/15/2012

Whenever there are conversations with urban communities about development and planning, after the initial skirmishes about whether development is good or bad, typically it comes around to whether the green infrastructure you’ve been advocating is practical given the economics of today’s city budgets.

● [Go to 2040: Comprehensive Regional Plan for Metropolitan Chicago](#)

**Chicago Metropolitan Agency for Planning (CMAP)** - 10/15/2012

Opinions differ on what makes a community appealing, livable communities tend to share some common traits. They are healthy, safe, and walkable. They offer choices for timely transportation to schools, jobs, services, and basic needs. They are more cost-effective for individuals and local governments. They make the region more economically competitive.

● [Creating Strong Communities: How to Measure the Social Sustainability of New Housing Developments](#)

**Berkeley Group UK** - 10/15/2012

People, places and the economy are as important as, and closely intertwined with, environmental issues. This report describes the development of a framework to measure the social sustainability of new housing and mixed-use developments.

● [Tools and Key Resources for Sustainable Communities](#)

**Partnership for Sustainable Communities** - 10/15/2012

To help support sustainable communities, the Partnership for Sustainable Communities, an interagency partnership of HUD, DOT and EPA compiled this list of useful tools and key resources. All of the resources here have been developed by or sponsored by Partnership agencies.

● [Federal Resources for Sustainable Rural Communities](#)

**Partnership for Sustainable Communities** - 10/15/2012

This guide to HUD, DOT, EPA, and USDA programs highlights federal resources rural communities can use to promote economic competitiveness, protect healthy environments, and enhance quality of life.

● [Case Studies of Sustainable Communities](#)

**Partnership for Sustainable Communities** - 10/15/2012

The PSC has launched a database of livability-related case studies developed by partner agencies, Hud, EPA and DOT

● [FHWA's Fostering Livable Communities Newsletter - October](#)

**FHWA** - 10/15/2012

The Federal Highway Administration (FHWA) Fostering Livable Communities Newsletter is intended to provide transportation professionals with real-world examples to help them improve the relationship between transportation and communities, such as providing access to good jobs, affordable housing, quality schools, and safer roads.

## 6. Green Infrastructure & Low impact Development

### ● [Helping Cities Benefit From Green infrastructure](#)

**EPA** - 10/15/2012

EPA provides research and guidance on the incorporation of green infrastructure into Omaha's combined sewer overflow control plan

### ● [Why Study Green Infrastructure?](#)

**EPA** - 10/15/2012

EPA scientists and engineers are exploring how to tap green, effective, and low-cost methods to improve stormwater management

### ● [Green Infrastructure Moves Toward the Center](#)

**The Johnson Foundation at Wingspread** - 10/15/2012

Review of the White House's all-day meeting "Municipal Stormwater Infrastructure: Going from Grey to Green"

### ● [Measure M: Investing in Streets and Green infrastructure - Providing Multiple Benefits Now and Saving Money in the Future](#)

**The Berkeley Daily Planet** - 10/12/2012

Berkeley's streets are in poor shape and its 80-year old storm drain system cannot adequately handle the water-flow of major storms. The EPA is requiring Berkeley to reduce the amount of heavy metals runoff draining into San Francisco Bay during storms.

### ● [Markowitz: A tale of cleaner water, greener communities](#)

**VTDigger.org** - 10/11/2012

Editor's note: This op-ed is by Deb Markowitz, the secretary of the Agency of Natural Resources. After a summer of nearly constant outdoor activity, I love the rainy days of fall.

### ● [London wants its own High Line, but underground and with more fungus](#)

**Grist** - 10/10/2012

Not so long ago, New York City was a backwater, and London was The City of the English-speaking world. But now New York has, among other attractions, the High Line, and it's inspired other cities — including London — to work on getting their own re-purposed industrial spaces turned into parks.

### ● [Vermont to help communities reduce stormwater runoff](#)

**Burlington Free Press** - 10/04/2012

BURLINGTON — The state of Vermont wants residents and communities to try new techniques to control stormwater pollution that can carry pollutants from driveways, parking lots and roads, the small but widespread sources of pollution that have bedeviled efforts to clean up Lake Champlain and other wat

## 7. Opportunities

### ● [StormCon 2013: Call For Papers](#)

**StormCon** - 10/15/2012

StormCon, the North American Surface Water Quality Conference and Exposition, is now seeking abstracts for presentations at StormCon 2013. The conference will take place August 18 – 22, 2013, in Myrtle Beach, South Carolina. Abstracts are due December 5, 2012

● [International Concrete Sustainability Conference: Call for Abstracts](#)

NRMCA - 10/15/2012

The National Ready Mixed Concrete Association is currently seeking abstracts for the 2013 International Concrete Sustainability Conference, scheduled for May 6-8, in San Francisco (Redwood City, California).

● [Applications for B-WET Competitive Grant Program Now Being Accepted](#)

Bay Backpack - 10/15/2012

The National Oceanic and Atmospheric Administration is now accepting applications. Letters of intent must be submitted by 5 p.m. Eastern Time, October 30, 2012, and that the deadline for applications is 5 p.m. Eastern Time, December 19, 2012.

● [Free Technical Assistance Available from the EPA](#)

The Grant Tribune Sentinel - 10/15/2012

One type of assistance is made directly from EPA, and the second type of technical assistance is being offered by three EPA grantees.

● [NH Department of Environmental Services offering grants to ensure watersheds](#)

Union Leader - 10/15/2012

Solutions can include a range of activities, such as installing rain gardens, green roofs, and porous pavement, stabilizing stream banks and implementing storm water utilities.

● [EPA Announces Opportunity to Apply for 2013 Environmental Justice Small Grants](#)

EPA - 10/15/2012

The 2013 grant solicitation is now open and will close on Jan. 7, 2013. Applicants must be incorporated non-profits or tribal organizations working to educate, empower and enable their communities to understand and address local environmental and public health issues. EPA will host four pre-application teleconference calls on Oct. 30, 2012; Nov. 14, 2012; Dec. 1, 2012; and Dec. 13, 2012 to help applicants understand the requirements

● [Call for Abstracts](#)

University of Minnesota - 10/15/2012

2013 International Low Impact Development Symposium. Deadline December 19th, 2012.

● [Pennsylvania DEP Announces Growing Greener Plus Grants Available](#)

KGO-TV ABC-7 - Mediawebsite.net - 10/13/2012

Deadline to submit an application is Oct. 26 HARRISBURG, Pa., Oct. 5, 2012 /PRNewswire-USNewswire/ -- The Department of Environmental Protection announced today that applications are being accepted for four different grants through the 2012 Growing Greener Plus grant solicitation.

● [Leading Stormwater Engineering Firm CH2M HILL Encourages Support Of National Engineers Week Foundation's Annual Future City Competition](#)

Water Online - 10/12/2012

Over 35,000 students nationally asked to rethink runoff and design clean solutions to manage stormwater pollution. From flood to drought and biting cold to blistering heat, extreme weather is increasingly prevalent throughout the world.

## 8. Transportation & Infrastructure

● [The Innovative DOT](#)

Smart Growth America - 10/15/2012

Smart Growth America has partnered with the State Smart Transportation Initiative to develop The Innovative DOT, a resource for state transportation officials. This handbook provides 31 recommendations transportation officials can use as they position their agencies for success in the new economy.

● [Amtrak Breaks Ridership Record](#)

Smart Planet - 10/15/2012

Amtrak said today that its trains carried 31.2 million people in the previous fiscal year which ended in September. That number is the highest annual ridership since Amtrak began services in 1971.

● **[From Relic To Revolutionary: Streetcars Revitalize City Transit](#)**

**Smart Planet** - 10/15/2012

The revitalization of Portland, Ore.'s Pearl District, where empty warehouses were replaced with art galleries and abandoned rail yards gave way to multi-family housing, truly began for some when a streetcar line opened there in 2001.

## 9. Innovation

● **[Lightning Used to Recycle Concrete Rubble](#)**

**Gizmag** - 10/15/2012

Researchers from the Concrete Technology Group in Holzkirchen, Germany, who have found a solution that would make Dr. Frankenstein proud. Their new approach can recycle concrete with unprecedented efficiency. Their secret: zap it with lightning.

● **[V3Solar puts a new spin on PV efficiency](#)**

**Gizmag** - 10/15/2012

V3 Solar has developed a cone shaped solar energy harvester that is claimed to generate over 20 times more electricity than a flat panel thanks to a combination of concentrating lenses, dynamic spin, conical shape, and advanced electronic

● **[Hestia Project: Street-Level Maps of Carbon Dioxide Emissions Show Potential](#)**

**Arizona State University** - 10/15/2012

The mapping system, known as "Hestia" can display a city's emissions on a map that shows hourly CO2 fluctuations

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