Portland’s Experience: Using a Natural System/Green Infrastructure Approach

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Green Infrastructure Implementation

Innovation & Demonstration – *Projects*

Application & Implementation – *Programs*

Mainstreaming – *Practices*
Testing and Monitoring
City Support & Policy Development

Stormwater Management Manual
Green Building Policy
Green Street Policy
Climate Action Plan
Comprehensive Plan
Partnerships
Portland Public Schools
Tabor to the River Program

- 500 green street facilities
- 81,000 feet of poor condition pipe replaced
- 3,500 street trees
- Private Property Retrofit Program (~2.2 hectares)
- Invasives removal & native planting
- Community partnerships, public outreach / education / involvement

Going from pipes only to pipes + green will save $58 million
Examples of Green Infrastructure for Stormwater Management and Watershed Health
Portland, Oregon

KEY
- Natural Resource Restoration
- Green Streets and other Stormwater Retrofits
- Tree Planting Target Areas
- Invasive Species Management and Revegetation
- Ecoroofs
- Land Acquisitions

Baltimore Woods Land Acquisition and Restoration
Industrial District Tree Planting
Forest Park Invasive Species Management
Northwest Health Foundation Ecoroof
Multnomah Village Green Streets
Headwaters at Tryon Creek Restoration
Willamette Park Stormwater and Restoration Projects
Tree Planting at Capitol Hill Elementary School and at 1-5
River View Forest Acquisition and Restoration

Dekum Stormwater Art Bike Corral
Calkin Marsh Natural Area Acquisition
NE Glisan Green Street
Maxson/Winter Flats Wetland Enhancement
Wilkes Creek Headwaters Acquisition
Veteran's Creek Restoration

Crystall Springs Restoration
East Lents Floodplain Restoration
Rollin' Tires Ecoroof and Brownfield Remediation

East Portland Neighborhoods and David Douglas School Tree Planting
SE Bush Neighborhood Greenway

Environment Services City of Portland
working for clean rivers