Collaborative Science and Technology Network for Sustainability (CNS)

CNS is a new grants program that is a cornerstone of ORD's transition to sustainability. The program, launched in partnership with the Office of Policy, Economics, and Innovation (OPEI) and the Office of Regional Operations (ORO), enables grantees and EPA to collaborate in exploring and learning about new approaches to environmental protection that are systems-oriented, forward-looking, preventative, and collaborative. CNS will be a testing ground for developing and applying tools necessary for practicing sustainability at a regional scale. The tools developed under the program will draw on a scientific understanding Integrating Water Supply Management and Ecological Flow Requirements of the consequences of decisions and Efficient Materials and Sustaining Multiple actions.

A total of 12 projects were selected for funding in the first year of the program. These projects are addressing the long-term sustainability (in terms of quality, availability, and viability) of one or more resources, including energy, materials, and ecology. These resources were considered in the context of ecosystems, communities and the built environment, or industrial materials flow. Additionally, the selected projects are applying science and engineering in an innovative fashion; tracking success against shortand long-term environmental, economic, and

social measures; connecting a diverse set of partners; and planning to transfer tools, approaches, and lessons to other states, localities, regions, Bringing Global or industries. Thinking to Local Sustainability Efforts

Using Market Forces to Benefits in Large River Floodplains

МТ

WY

со

NM

Decision Model for Urban Water Reuse

8

Implement Sustainable Watershed Management Energy Use: Understanding **Economic Benefits**

MN

IA

MO

AR

LA

Cuvahoga Sustainability Network

ND

SD

NE

KS

6

ТХ

ОК

NV CA (9)

10

Transforming Office Parks into Transit Villages

UT

AZ

Sustainable Sandhills: A Plan for Regional Sustainability

Sustainable Land Use in Puerto Rico ...other Region 2 sites

TN

AL

MS

Puerto Rico Virgin Islands P2 and the NY/NJ Harbor

MA RI

NJ

DE - MD - DC

for the Boston Region

2

PA

3

VA

SC

NC

Ecological Sustainability in Rapidly Developing Watersheds

