

Madison's Green Blueprint

Building a Green Capital City

Progress Report April 2007: *Creating the foundation & making positive impact:*

I.A

The foundation of our sustainable city program was laid with the adoption of *The Natural Step* as our sustainability framework. The Mayor punctuated the program by signing the *Global Climate Change Agreement*.

I.B

A **Facilities and Sustainability Manager** position has been created. This position will fortify our commitment to integrate sustainable development into all city functions and decisions. The Facilities and Sustainable Manager will direct the **Office of Sustainable Development**.

Our commitment to a **Green Building, Resource and Energy Efficient Environment** features a change in city buildings and operations that positively impacts our existing building structure. Impacts to date are many.

II.A.1

Conducted **solar assessments** on city buildings for evaluating prime candidates for renewable energy installations.

Allocated funding for **solar hot water** heating systems for two fire stations in 2006 and eight more in 2007.

Committed to purchase **renewable energy**: 10% in 2007 and 25% by 2011.

Monona Terrace to be certified as the 3rd **LEED convention center** in the country.

Green-roofed Emil Street engineering building achieves **30% better energy use** than code.

II.A.2

All new **LEED certified city buildings** will be assured through modified RFP language.

New **Goodman Park** maintenance facility and the new **Sequoia Library** will be **LEED** certified and the new **fire station** will be designed and built to **LEED Gold**.

II.A.3

Installing **energy software** to measure building energy use as the basis of responsible management.

Developing **energy efficiency and renewable energy standards** and specifications for city buildings and operations.

Training and empowering city employees to analyze and perform **building upgrades** in commissioning, lighting, HVAC, pumps and motors.

Upgrading existing buildings and strategically incorporating upgrades into building maintenance.

Developing **fuel efficiency** standards for fleet and purchasing of **green fleet** vehicles.

Purchase of 5 (1/3 of new) **diesel electric hybrid city buses**.

Analyzing single occupancy vehicles via an initiative developed with city staff commuters.

Improving health and decreasing toxics across departments through a **green cleaning training** initiative.

Developing specifications and green product choices as part of **green purchasing** initiatives.

II.B.2

The **Zoning Code** is being rewritten with the RFP to include use of green practices and ***The Natural Step***.

II.C.1

25 departments trained in *The Natural Step* and the city institutionalizes ***The Natural Step*** training through ongoing training with new hires and additional staff. Sustainable development workshops for the private sector.

Look forward to our next Progress Report as we continue to translate more and more of our Green Blueprint into reality and build a sustainable Green Capital City. Please visit www.cityofmadison.com/sustainable_design.