Sustainability Task Force
Recommendations

Presented to the
City Council

By the
Planning and Development Department

October 13, 2009
Purpose

• Review the **recommendations** of the Sustainability Task Force.

• Receive direction to proceed with **next steps**.
Our Town. Our Time. Our Talk.

It happened in 1963 and ’92. Now, it’s happening again — a citywide conversation to stimulate dialogue among Fort Worth residents.

 Appropriately called Let’s Talk Fort Worth, the event includes a series of planning and discussion meetings, culminating Sept. 25 in a citywide conversation that will generate ideas, suggestions and dreams to help shape the city’s future for the next 20 years. Read the full release.
Fort Worth Sustainability Plan

The City intends to adopt a comprehensive **Sustainability Plan** including action items that affect:

- **Private Development (Phase 1)**
- **City Operations (Phase 2)**
  - Material and Resource Conservation
  - Facilities
  - Infrastructure and Amenities
  - Fleet Management
  - Purchasing
- **Individual Efforts (Phase 3)**
  - Target residents, businesses and employees
  - Retrofitting existing structures
  - Recycling
  - Carpooling
  - Etc.
Sustainability Task Force Membership

In June 2009, the City Council approved Resolution 3744 creating the Sustainability Task Force.

- **Dennis Shingleton, Chair**
- Stephen Barrett, UNT Health Science Center
- Jack Baxley, Texo, Associated General Contractors of America
- Barbara Becker, University of Texas at Arlington
- Regina Blair, Neighborhood Leader
- Ray Boothe, Architect
- Derek Brown, City Plan Commission
- Thad Brundrett, Greater Fort Worth Real Estate Council
- Art Charrow, Engineer
- Stephen Darrow, Architect
- Jyl Dehaven, Developer
- Kelly Dillard, Engineer
- Curvie Hawkins, Fort Worth Transportation Authority
- Scott Jones, Building Owners and Managers Association
- Serena Keeler, Neighborhood Leader
- Debbie Reynolds, EPA
- Will Stallworth, Texas Christian University
- Barbara von der Heydt, Fort Worth Independent School District
Sustainability Task Force
Technical Committee

- Planning and Development
- Transportation and Public Works
- Water
- Environmental Management
- City Manager’s Office
- Parks and Community Services
- Housing and Economic Development
- Community Relations
- Library
- Equipment Services
- Financial Management Services
- IT Solutions

- Fort Worth Transportation Authority
Examples of Sustainability Initiatives

National

• U.S. Conference of Mayors - 2030 Challenge
• Green Building Programs
  – LEED (Leadership in Energy and Environmental Design)
  – Energy Star
  – Green Building Initiative

Regional

• North Central Texas Council of Governments
  – Vision North Texas
  – Center of Development Excellence
  – Integrated Storm Water Management
  – Sustainable Development Transportation Funds
Examples of Sustainability Initiatives (cont.)

**Fort Worth**
- Mobility and Air Quality Plan
- Commuter Rail (SW2NE) and Modern Streetcar
- Bike Fort Worth Plan
- Water Conservation Plan
- Storm Water Policy
- Trinity River Vision Master Plan
- Urban Village Development Program
- Neighborhood Empowerment Zones
- Quality Affordable and Accessible Housing
- Brownfield Redevelopment Program
- Historic Preservation Incentives
- Etc…
Sustainability Plans

Staff reviewed more than 20 sustainability plans:

- Dallas
- Portland
- Honolulu
- Washington State
- Seattle
- Sacramento
- New York
- Berkeley
- Phoenix
- Marin County
- Santa Fe
- Chicago

Common themes include:

- focus on municipal sustainability practices
- energy conservation
- water and wastewater management
- air quality
- transportation
- land management
- solid waste management
Outcomes—what should we measure?

Material and Resource Conservation Related Measures:

- Reduce the use of **water** at City owned facilities by 1% per year until we reach 8 gallons per capita per day.
- Reduce **infrastructure leak index** from 5 to 4.75.
- Increase the number of City facilities that **recycle** by 100% in two years.
- Reduce **solid waste** at City facilities by 20% per employee.

Facilities Related Measures:

- Reduce non-industrial **energy usage** at City facilities, demonstrated by lower utility bills, by 5% per year.
- Reduce **energy demand** and usage at Village Creek Wastewater Treatment Plant by 50%.

Infrastructure and Amenities Related Measures:

- Increase the amount of **multi-modal trails** from 58.4 miles to 65 miles.
- Increase the number of marked **bike lanes** on City streets from 7.5 miles to 15 miles.
Outcomes—what should we measure? (cont.)

Fleet Management Related Measures:

- Reduce the amount of **traditional fuels** used by 10% per year.
- Increase the amount of **hybrid vehicles** in the fleet from 17 to 22.
- Decrease the **carbon footprint** 5% per year, from 28,000 metric tons per year.

Purchasing Related Measures:

- Increase the percentage of **dollars spent** on office supplies that meet defined sustainability criteria from 49% to 59%.
Public Outreach

The Task Force sought public and employee comments through several methods:

- **Public meetings** were held in August and September:
  - Ella Mae Shambee Library
  - Botanic Garden Meeting Room

- **City Plan Commission briefing**

- Monthly updates to the Development Advisory Committee

- City Page

- ACT Today
Sustainability Action Plan: Phase 2

The Phase 2 Action Plan consists of **20 initiatives** that will improve the sustainability of City operations and be:

- **Specific**
- **Measurable**
- **Achievable**, in a three to five-year time frame
  - Financially feasible
  
  ![Symbol](Image) **Items marked with this symbol will require an initial budgetary commitment but it is anticipated that they will pay for themselves over time.**
  
  - Widely supported
  - Available staff resources
Sustainability Action Plan: Phase 2 (cont.)

The Task Force identified 77 potential Action Plan items:

• City staff identified 19 items related to everyday business practices, which staff will implement and do not require Council action.

• The Task Force selected 20 additional items for the Action Plan, to be implemented over the next three years.
Examples of the 20 action items include:

• Obtain **LEED Silver** certification or better for new facilities and major renovations.

• Prioritize **projects** in the Capital Improvement Plan in accordance with future land use policies

• Incorporate existing **Clean Fleet** policy into City regulations

• Establish a **Sustainable Purchasing** policy

• Provide **pay stubs electronically** by website or e-mail

• Install **low flow plumbing fixtures** at high demand City facilities
The Department of Energy has awarded $6.7 million to the City, which will help implement the Sustainability Plan. Examples of proposed projects include:

- Solar **water heating** pilot at six community centers
- Energy efficient/solar **parking lot lighting**
- **Solar power** pilot at both regional libraries
- **Downtown/gateway bicycle facilities** - racks, shelters, signs and markings
Next Steps

• Begin work on the final phase of the Sustainability Plan:

  Individual Efforts (Phase 3)
  – Outreach to residents, businesses and employees
  – Retrofitting existing structures
  – Recycling
  – Carpooling
  – Etc.

• Continue implementation of Action Plan initiatives identified in Phase 1 of the Sustainability Plan, in consultation with affected stakeholders.

• Begin implementation of initiatives identified in Phase 2 regarding City operations.