



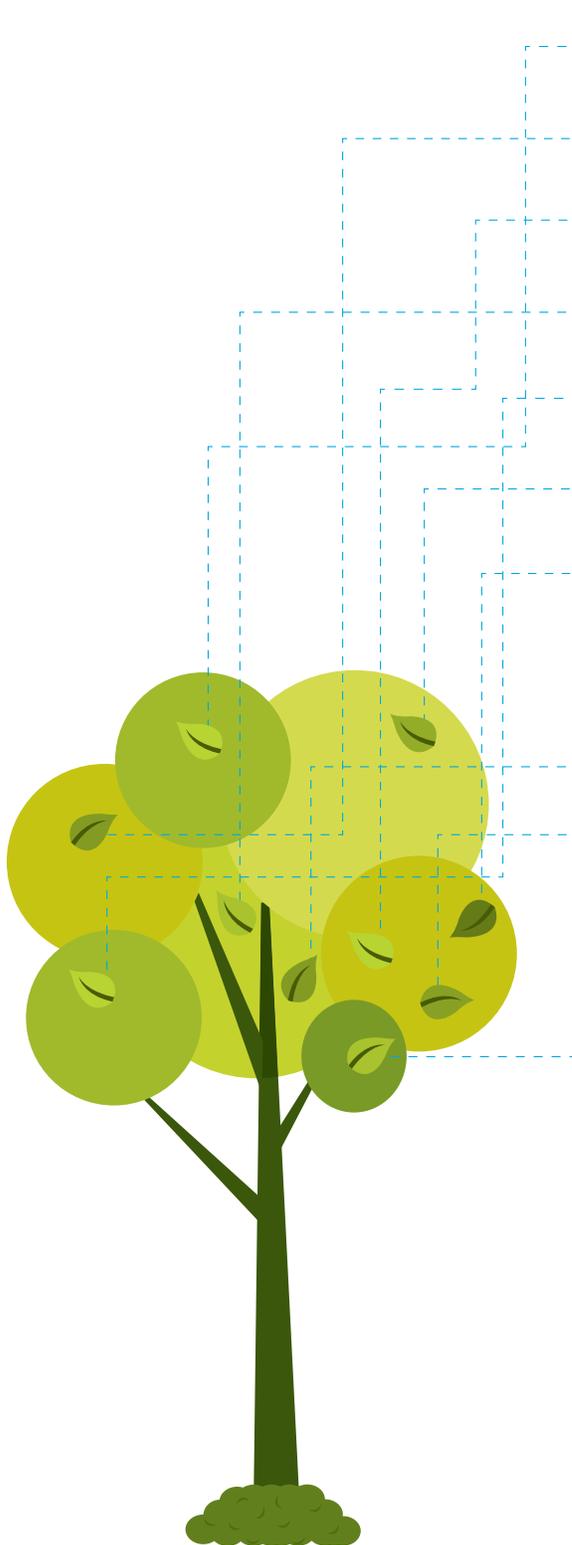
# TOWN OF ADDISON SUSTAINABILITY PLAN 2015

Sus·tain·a·ble  
sə'stanəb(ə)l/

- 1 able to be maintained at a certain rate or level.  
"sustainable fusion reactions"
- 2 able to be upheld or defended.  
"sustainable definitions of good educational practice"
- 3 ADDISON, TEXAS



TABLE OF CONTENTS



2	Introduction
3	About
4	Vision
5	Plan Structure
5	Focus Areas
9	LIVE
14	WORK
17	SUPPORT
21	VISIT
23	Measuring Sustainability



## Introduction

In a consumer-centered world, dominated by the idea of supply and demand, the reality that “supply” will eventually come to an end, has been lost. This lost reality has put a strain on our natural resources that is unmatched in all of Earth’s history. This strain has created a growing concern amongst people worldwide that we must begin to lead increasingly more sustainable lifestyles. From eating locally to retrofitting for energy efficiency, people across the globe are making sustainability a priority in their community.

But what is sustainability? The internet is flooded with definitions of this “it” word. Sustainability is most often correlated with the environment and efficient use of natural resources such as water, oil, natural gas, coal and even land. Although a large piece of the sustainability puzzle, this is only a piece. The “triple bottom-line” for sustainability involves these three factors: environment, economics and social. Balancing these three things makes a city truly sustainable. A city that depletes its funds while investing in the latest renewable energy technology is not economically sustainable, even though it may be environmentally sustainable. In the same way, it may be environmentally sustainable to critically limit the amount of watering allowed, but a lack of lawn space may not be socially sustainable in areas where the front yard is the only safe place for children to play. True sustainability walks a very fine line. Addison has worked diligently to incorporate this balanced approach into the Town’s own working definition of sustainability:

**Sustainability: The responsible stewardship of our resources in a way that benefits the social, environmental and economic health and vitality of our local community now and in the future.**

Addison’s definition honors the Town’s commitment to providing its residents with a high-quality standard of living and service. It embodies the “Addison way” by going above and beyond to ensure that our residents, current and future, will be taken care of in a manner that is similar or better than what we’ve always provided.

## About

Addison is no stranger to the issue of sustainability. Themes of responsible resource use, environmental education, preservation of natural beauty and creative problem-solving can be found throughout the town's history. Our residential recycling program, trail connectivity projects and high density mixed-use development at Addison Circle and Vitruvian Park are great examples of this. Therefore, it was a natural progression to put these themes, ideas and goals into a comprehensive plan to shape the future of sustainable policies and programs in Addison.

Charged with the task of creating the Town's first ever Sustainability Plan, the process began with a diverse and passionate group of Addison staff members. This interdepartmental group, deemed the Sustainability Team, met monthly to discuss and evaluate Addison's current policies and programs, while establishing and exploring plans for sustainability in the future. This comprehensive plan provides a common framework that guides our efforts towards a more innovative, informed, connected, resilient and sustainable Addison. This plan ties together the community's vision, mission and goals for sustainability into one easy-to-understand document. It then outlines each program that will help us to reach those goals. Written and designed as a dynamic plan, this document is meant to be revisited and revised often, reflecting the continual nature of change we see in the environment and our community. This is a rolling 5-year plan that will be update annually.

**SUSTAINABILITY PLAN:** *A document that outlines the goals the town has set to become more environmentally conscious, economically diverse, resilient and socially viable, as well as a list of the programs and steps that Addison will take to meet those goals.*

### An overview of the steps taken to develop Addison's Sustainability Plan:

Formed an interdepartmental staff working group to provide expertise and support through planning process

Reviewed and compared sustainability plans from a variety of cities as background

Engaged residents through a survey at the Town Hall Meeting fall 2014

Prioritized Addison's sustainability goals and focus areas

*For more information about anything included in the plan, please contact Taylor Hollingshead at [thollingshead@addisontx.gov](mailto:thollingshead@addisontx.gov).*

# Vision

A vision statement is often described as the “ideal state” of an organization or entity. As the Sustainability Team considered our ideal state for sustainability in Addison, several thoughts came to mind:

We want residents to not only be educated on all matters sustainable, but passionate about and expectant of, sustainable practices in their community; we hope that residents will be the driving force in cultivating a town-wide mindset of sustainability. Developmentally, we want Addison to be a place that attracts businesses that prioritize sustainability and provide fresh and creative ways of thinking. And finally, we want the Town of Addison staff to intentionally incorporate sustainable practices into every policy and program decision made. There is no shortage of hopes for sustainability in Addison; the most difficult endeavor is fitting them into one sentence.

**After much deliberation, our vision for sustainability in Addison is this:**



# Plan Structure

The Town's vision is that sustainability would be incorporated into all aspects of life in Addison. We've structured this plan to mirror that vision by breaking the plan into four different categories of life in Addison;



## Focus Areas

Each category is then broken into **six sustainability-specific focus areas**.

The focus areas are as follows:

- 1 RESOURCE MANAGEMENT
- 2 DEVELOPMENT/LAND USE
- 3 MOBILITY
- 4 ENERGY EFFICIENCY & CONSERVATION
- 5 ECONOMIC DIVERSITY & VITALITY
- 6 COMMUNITY INTEGRITY & INVOLVEMENT

# Focus Areas, defined

## 1 RESOURCE MANAGEMENT

Responsible use of resources, natural or otherwise, that protect the integrity of the resource and provide future generations with the same ability to enjoy, utilize and harvest the resource as the current generation.

*Examples: Composting options for residents, water conservation educational campaign, recycling programs.*

### Guiding Principles for Resource Management

- Establish baseline usage for all material resources and set goals for reduction
- Educate residents and staff on resource management ideals
- Reduce amount of solid waste in Addison
- Promote the use of local products and goods
- Reduce use of, and conserve, natural resources

## 2 DEVELOPMENT/LAND USE

The adoption of land use regulations that, through appropriate management practices, enables land users to maximize the economic and social benefits from the land while maintaining or enhancing the ecological support functions of the land resources.

*Examples: Low-impact development policies, trail connectivity*

### Guiding Principles for Development/Land Use

- Create and implement green standards for development
- Promote low-impact development
- Promote drought tolerant/native & adaptive plants as an alternative to traditional landscaping
- Promote diverse, mixed-use development
- Preserve open spaces and natural areas

## 3 MOBILITY

Modes of transportation and policies pertaining to said modes that cause minimal impact to the environment in the form of emissions, fuel efficiency and energy use.

*Examples: Implementing bike lanes, sidewalk expansions, public transportation educational campaigns.*

### Guiding Principles for Mobility

- Improve & promote pedestrian connectivity
- Reduce automobile dependency in favor of affordable alternatives (biking, public transportation, walking)

# Focus Areas, defined

## 3 ENERGY EFFICIENCY & CONSERVATION

Wisely managing and restraining the consumption of energy.

*Examples: implementation of renewable energy sources, energy awareness & conservation campaigns, retrofitting for energy efficient appliances.*

### Guiding Principles for Energy Efficiency & Conservation

- Promote decreased energy use and the use of renewable energy sources
- Educate community on energy efficiency
- Create energy reduction goals after energy audit establishes town-wide energy use

## 4 ECONOMIC DIVERSITY & VITALITY

The promotion and support of diverse, integrated businesses and industries of all different sizes and scales that encompass and pursue sustainable practices and sustainable business principles.

*Example: Offering incentives to "green" businesses, i.e. Businesses that offer vanpool options or bike-to-work programs.*

### Guiding Principles for Economic Diversity & Vitality

- Develop a broad customer base and diverse workforce to support Addison businesses.
- Cultivate an atmosphere of creativity and sustainability within Addison businesses.
- Support and provide incentives for sustainable business practices.
- Attract a diverse business community so Addison is not overly reliant on any one sector

## 5 COMMUNITY INTEGRITY & INVOLVEMENT

Encompasses matters of social justice, community livability, social equity, public outreach and education, community development and social responsibility.

*Examples: Water Conservation Awareness Campaign, Providing recycling for both single-family homes and multi-family homes*

### Guiding Principles for Community Integrity & Involvement

- Protect and enhance environmental and public health.
- Educate residents on importance of sustainable lifestyle.
- Provide programs that promote community pride and involvement.

Within each focus area we've defined overarching goals, known as Guiding Principles, in order to shape the future policies and programs that are established. The Sustainability Team, with the help of resident surveys, formed the principles listed under each focus area.

Each program or policy in Addison's Sustainability Plan will fall under one of four categories and one of the focus areas. For example, if you are wondering how Addison is working with local businesses to reduce energy use, then check the Work category under the Energy Efficiency and Conservation Focus Area. Each program/policy will be followed by a **short description, timeline, costs associated, guiding principle** that the program is attempting to achieve, and the means by which the success of the program will be measured, otherwise known as **Key Performance Indicators (KPIs)**. At this point, there is not a city program that falls under every category, but our hope is that as the Sustainability Program grows and the plan is reviewed programs will be added.

**An example program is listed below:**

### Multi-family Recycling Pilot Program

This will be a one year "test" program at Garden Oaks Apartment Complex. The city will pay for the cost of building a refuse enclosure and the hauling costs associated, in order to start a recycling program at the complex. The city will also provide the complex with all the educational materials necessary to inform tenants on how to recycle properly. The goal of this program is to provide City Council with enough information to make an informed decision on the issue of multi-family recycling in Addison.



Timeline: Year One



Guiding Principle: Reduce amount of solid waste in Addison



Costs Associated: Construction of refuse enclosure, cost of hauling for one year, cost of designing and printing educational flyers



KPIs: Success will be measured by the number of residents who participate; this will be determined by a survey given to tenants online and in paper. Success will also be determined by some less tangible measures, like contamination to recycling bin, vandalism, etc.

### LEGEND



**Timeline:**

Indicates only the year the program/policy will begin within the 5-year scope of the plan.



**Guiding Principles:**

Over-arching goals or more long term goals for each focus areas.



**Costs Associated:**

General list of all aspects of program that will need to be budgeted.



**KPIs:**

Means by which the success of each program/policy will be measured.



Resource Management



Development/Land Use



Mobility



Energy Efficiency & Conservation



Economic Diversity & Vitality



Community Integrity & Involvement



# LIVE

## (residential)

### What we are currently doing:

- Historically, Addison’s approach to residential development has been grounded in sustainable philosophies. The Town is an enclave for both higher-density owner-occupied and higher-density renter-occupied homes. Embracing higher densities results in more meaningful open spaces, better quality construction, allows concentrations of population that make mass transit feasible and encourages healthier life-styles by promoting walking and bicycling to neighborhood amenities.
- Addison currently provides for a residential recycling program with twice per week pick up for our single-family residents. This program gives residents a way to divert waste from the landfill on a daily basis.
- The Town also offers sustainability courses to residents periodically throughout the year, taught mainly by Texas A&M Agrilife Extension.
- Cease the Grease is a City of Dallas-run program that Addison partners with to offer residents a way to properly dispose of cooking fats, oils and grease. The drop-off container is located on the west side of the Whole Foods Market in Village on the Parkway.
- Starting in 2011, the Town and the Addison Arbor Foundation partnered to provide residents with a community garden. This includes 42 individual raised beds where residents can grow their own produce.
- Town zoning ordinances allow for the installation of solar panels and wind energy systems to enable homeowners to utilize renewable energy sources.

# 1 RESOURCE MANAGEMENT

## RM Recycling Rewards Program

The Town will investigate different programs that partner with our waste hauler and offers residents rewards based on the amount they recycle weekly.

-  Timeline: Year 1
-  Guiding Principle: Educate residents and staff on resource management ideals
-  Costs Associated: Cost of the program will be included in resident's solid waste fee
-  KPIs: Progress will be gauged by the amount of residents that enlist in the program. It will be considered a success if the number of program participants increases by 5% each year for the first 2 years.

## RM Multi-family Recycling Pilot Program

This will be a one year "test" program at Garden Oaks Apartment Complex. The city will pay for the cost of building a refuse enclosure and the hauling costs associated, in order to start a recycling program at the complex. The city will also provide the complex with all the educational materials necessary to inform tenants on how to recycle properly. The goal of this program is to provide City Council with enough information to make an informed decision on the issue of multi-family recycling in Addison.

-  Timeline: Year 1-immediate, 12-month project
-  Guiding Principle: Reduce solid waste in Addison
-  Costs Associated: Construction of refuse enclosure, cost of hauling for one year, and the cost of designing and printing educational flyers
-  KPIs: Success will be measured by the number of residents who participate. This will be determined by a survey given to resident online and in paper. Diversion rate will also be a measurement of success.

## RM Rainwater Harvesting Barrel Subsidy

The town will advertise for and subsidize the purchase of rain barrels through a 3rd party vendor.

-  Timeline: Year 1- spring 2015
-  Guiding Principle: Reduce use of, and conserve, natural resources
-  Costs Associated: Subsidy will be for up to \$3,000 worth of rain barrels for residents
-  KPIs: Success will be measured by the number of barrels sold to residents.

## RM Recycling Container Upgrade

This project will transition residents from 18-gallon open containers to 64-gallon rolling carts.

-  Timeline: Year 1-immediate
-  Guiding Principle: Reduce amount of solid waste in Addison
-  Costs Associated: This transition will add (approx.) an additional dollar to each resident's bill each month
-  KPIs: This initiative's success will be measured by an overall increase in the amount of material we recycle each year. Last year, Addison diverted 366 tons from the landfill. Goal for 2015: 458 tons of materials diverted from landfill.

RM

## Establish Town Wide Waste Diversion Baseline and Goals

This project will collect waste disposal information and project reasonable goals for reduction for five years and ten years in the future.



Timeline: Year 2



Guiding Principle: Establish baseline usage for all material resources and set goals for reduction



Costs Associated: Work for this project will be done internally.



KPIs: Success will be measured by meeting the goals we have set for waste diversion in Addison in five years and in ten years.



## 2

### DEVELOPMENT/LAND USE

Dev

## Drought Tolerant/Native & Adaptive Plants Resident Survey

This will be a survey sent to residents to determine their opinion on what is aesthetically acceptable when landscaping with native, adaptive and drought tolerant plants.



Timeline: End of Year 1



Guiding Principle: Promote drought tolerant/native & adaptive plants as an alternative to traditional landscaping



Costs Associated: Minimal costs associated with this project.



KPIs: The survey will be a success if the response rate is 10% or more.

Dev

## Develop Plant Palette

The Town will work to develop an aesthetically pleasing palette of native/drought tolerant plants as a tool for residents to use



Timeline: Year 2



Guiding Principle: Promote drought tolerant/native and adaptive plants as an alternative to traditional landscaping.



Costs Associated: Minimal costs associated with this project; work to be done by the Town's Landscape Architect



KPIs: Completion of the palette and dispersion to residents via Town Hall Meeting or digital copy will mark success

### 3 MOBILITY

#### M **Pedestrian Connectivity Program**

This program involves connecting the Redding Trail to the Arapaho Trail which will allow pedestrians to walk from Brookhaven College to the Addison Circle District. (Pedestrian Connectivity Project and Belt Line Utility undergrounding), providing enhanced lighting along Beltway and Proton to encourage pedestrian activity in low light conditions. It will also provide a pedestrian crossing from Les Lacs Park pavilion to the Addison Athletic Club and provide a new pedestrian route to the community garden and Addison Athletic Club from Beltway/Proton intersection.

-  Timeline: Year 1
-  Guiding Principle: Improve and promote pedestrian connectivity
-  Costs Associated: Funded by 2012 bond programs and private funds
-  KPIs: Success will be measured by the completion of the project, increased trail usage and an improved walkability score.

### 4 ENERGY EFFICIENCY & CONSERVATION

#### En **"Power Down Campaign"**

This will be a themed educational campaign that challenges residents to turn off all unnecessary electronics from 6PM-7PM on Friday nights (for a set amount of time) and to go outside and be active.

-  Timeline: Year 1- spring/summer 2015
-  Guiding Principle: Educate residents on energy efficiency
-  Costs Associated: Design, printing and postage for flyers, kiosk ads, utility bill inserts, every door direct flyers, etc.
-  KPIs: Success will be measured by the amount of positive feedback we obtain from residents. Feedback will be measured during a year-end sustainability survey.

#### En **Establish baseline for resident energy use/establish goals for energy reduction**

This project will collect data from electric companies as to how much residential/commercial electricity is used daily/weekly/yearly and then decide on reasonable 5 & 10 year reduction goals.

-  Timeline: Year 2-3
-  Guiding Principle: Create energy reduction goals after energy audit establishes town-wide energy use
-  Costs Associated: TBD
-  KPIs: Success will be measure by a decrease in overall energy usage in the town or an increase in renewable energy sources used.

#### En **Sustainable Subsidies Program**

This program will partner with the Infrastructure and Development Services Department to offer Addison residents subsidies for using renewable energy sources (solar, geothermal, wind, etc.), switching to low-e windows, energy-star rated appliances, more efficient HVAC system, etc.

-  Timeline: Year 3-4
-  Guiding Principle: Promote decreased energy use and replace with renewable energy sources
-  Costs Associated: TBD
-  KPIs: Success will be measure by the total number of subsidies given to residents each year, as well as reduction in non-renewable energy usage.

## 5 ECONOMIC DIVERSITY & VITALITY

Eco

### Comprehensive Land Use Plan Goals

The Plan approved by the City Council in 2013 calls for continuing to encourage a variety of higher density residential options. Higher densities support Addison's economy by providing more consumers for Addison retail locations and restaurants. A variety of housing options helps create a diverse workforce to supply local businesses. Addison should be mindful of business needs when making housing decisions.



Timeline: On Going



Guiding Principle: Develop a broad customer base and diverse workforce to support Addison businesses.



Costs Associated: None



KPI's: Success will be measured through the feedback received from Addison businesses about both their customer base and ability to attract a talented workforce.

## 6 COMMUNITY INTEGRITY & INVOLVEMENT

CI

### What Can I Recycle? Campaign

This will be an educational campaign to inform residents of exactly what can/cannot go in their recycling bin. This campaign will consist of every door direct flyers, utility bill inserts, kiosk ads, promotional stickers and pencils, etc.



Timeline: Year 1-immediate



Guiding Principle: Educate residents on importance of sustainable lifestyle/Reduce amount of solid waste in Addison



Costs Associated: Design, printing and postage for educational flyers, kiosk ads, utility bill inserts, every door direct flyers, etc.



KPIs: Success will be measured by an increase in the yearly tonnage of materials recycled. Current year recycling total in 2013 was 366 tons; an increase of 25% will be considered a success.

CI

### Water Conservation Campaign

This will be an educational campaign to inform Addison residents on easy ways to conserve water and how/where Addison sources its water.



Timeline: Year 2



Guiding Principle: Educate residents on importance of a sustainable lifestyle/Reduce use of and conserve natural resources

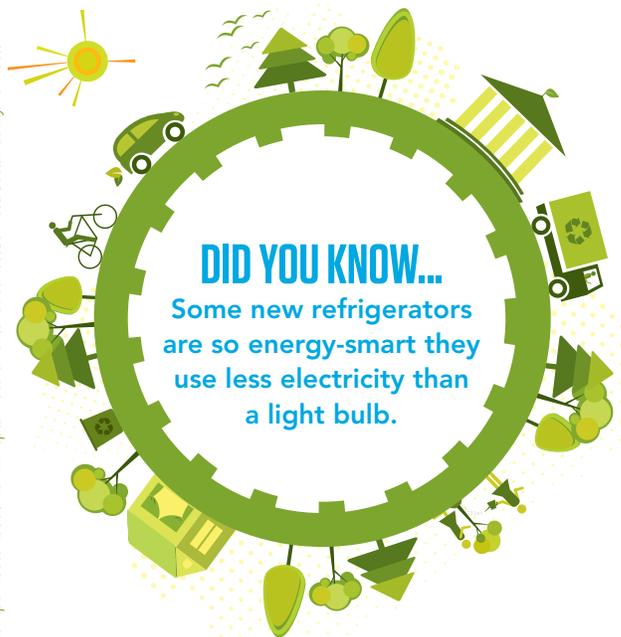


Costs Associated: Design, printing and postage for educational flyers, kiosk ads, utility bill inserts, every door direct flyers, etc.



KPIs: Success will be measured by an increase in compliance with watering guidelines and decreased daily water usage.

Source: [pointpark.edu/About/AdminDepts/ProcurementandBusinessServices/Sustainability/FunFacts](http://pointpark.edu/About/AdminDepts/ProcurementandBusinessServices/Sustainability/FunFacts)





# WORK

(commercial)

## What we are currently doing:

- The Town currently offers the Addison Treehouse as a place to cultivate entrepreneurial talent within Addison. The Treehouse is a resource centered co-working space focused on providing start-up businesses with education, programming/events, and mentorship that are vital for the growth and long term sustainability of businesses.
- The Town also promotes sustainability by offering commercial businesses stormwater utility fee credits to those who voluntarily use effective stormwater control features and techniques, or Best Management Practices (BMPs), on their property to offset the impacts of stormwater runoff quantity and quality from their property.
- Commercial development in Town is required to abide by current regulations regarding energy conservation and environmental protection.

## 1 RESOURCE MANAGEMENT

### RM Explore option of franchising trash/recycling services for businesses

With the help of City Council, the Town of Addison staff will look into revising in order to allow commercial trash/recycling services to be franchised. The goal of this is for every business in Addison to utilize recycling services.

-  Timeline: Year 4-5
-  Guiding Principle: Reduce amount of solid waste in Addison
-  Costs Associated: TBD
-  KPIs: Progress will be measured by the increased tonnage of materials recycled per year by businesses in Addison.

## 2 DEVELOPMENT/LAND USE

### D Develop preferred plant palette for commercial landscaping

This project will adjust the plant palette designed for residents to provide commercial businesses with a palette of desirable, drought-tolerant, native and adaptive plants.

-  Timeline: Year 2-3
-  Guiding Principle: Promote drought tolerant/native & adaptive plants as an alternative to traditional landscaping.
-  Costs Associated: Minimal costs associated with this project; the palette will be designed by Town's Landscape Architect.
-  KPIs: Success will be measured by the number of commercial businesses that adhere to this palette when landscaping or re-landscaping their property.

## 3 MOBILITY

### M Hop-a-Bus Program

For this program the Town will partner with a transit company to provide a bus (or buses) running from 11am-3pm, M-F, along Belt Line from different high density commercial areas to popular restaurants.

-  Timeline: Year 3-4
-  Guiding Principle: Reduce automobile dependency in favor of affordable alternatives
-  Costs Associated: Partnership with a transit provider, advertising and maintenance costs.
-  KPIs: Success will be measured by the number of bus riders that utilize the lunchtime program each month.

### M Pedestrian Connectivity Program

This project will provide enhanced lighting along Quorum Drive (South of Belt Line), Landmark Blvd., and Landmark Pl. to encourage pedestrian activity in low light conditions. It also will include widening the sidewalks with enhanced lighting and landscaping along Beltway (between Midway and Belt Line).

And lastly it will provide a mid-block pedestrian connection from Beltway to Belt Line Road.

-  Timeline: Year 2
-  Guiding Principle: Improve & promote pedestrian opportunities
-  Costs Associated: Funded by 2012 bond program and private funds.
-  KPIs: Success will be measured by the completion of the project, increased trail usage and an improved walkability score.

## 5 ECONOMIC DIVERSITY & VITALITY

### Eco Sustainable Subsidies Program

This program will extend the residential subsidy program to businesses who implement energy efficient best management practices, such as: the use of solar energy, the use of energy-star rated appliances, replacing of HVAC systems with efficient alternatives and retrofitting of windows with low-e windows, etc.

-  Timeline: Year 3-4
-  Guiding Principle: Support and provide incentives for sustainable business practices.
-  Costs Associated: TBD- The program will be joint partnership between the Sustainability Program & Economic Development
-  KPIs: The success of this program will be measured by the number of businesses that are utilizing the subsidies and the decrease they see in electricity usage.

## 6 COMMUNITY INTEGRITY & INVOLVEMENT

### CI Water Conservation Campaign

This campaign will complement the residential water conservation campaign. Educational material, catered specifically to water conservation in the commercial sector will be distributed to all Addison businesses.

-  Timeline: Year 2
-  Guiding Principle: Educate residents and staff on resource management ideals.
-  Costs Associated: Design, printing and postage for educational flyers, kiosk ads, utility bill inserts, every door direct flyers, etc.
-  KPIs: Campaign success will be measured by a decrease in daily water usage in Addison.



# SUPPORT

(government)

## What we are currently doing:

- Addison's fleet of vehicles, run by the General Services Department, currently has ten Hybrid Electric Vehicles. The purchase of those vehicles resulted in a 50% savings in fuel costs over the replaced vehicles.
- The Addison Parks Department runs a highly effective pet waste program which provides bags for pet waste around town and keeps that waste from contaminating our water ways. All Town landscaping follows the Texas Smartscape guidelines, whenever possible. Texas Smartscape is a landscape that is specifically designed to use native and adaptive plants that provide beauty as well as economic and environmental benefit.
- Addison was also one of the first to adopt the Clean Air Policy of the North Central Texas Council of Governments and is a designated Tree City USA.
- The Town also offers a program that pays for Town employee's monthly DART pass if DART is their main mode of transportation to work.
- Addison also has its own blog on sustainability called "Sustainable Addison".

# 1 RESOURCE MANAGEMENT

## RM Airport Rainwater Catchment

A 10,000 gallon rainwater cistern has been installed at the Addison Airport. This program will work with the Airport and Parks Department to design a program to properly use the rainwater collected.

-  Timeline: Year 1
-  Guiding Principle: Reduce use of and conserve natural resources
-  Costs Associated: Containment system & installation by contractors
-  KPI's: Success will be measured by the gallons of rainwater utilized by the Town per year.

## RM All City Buildings Recycling Campaign/Competitions

This program will involve taking inventory of all city building recycling bins and increasing/supplementing where necessary. The program will also educate city employees on what can/can't go in the bin. Part of the campaign will be an organization-wide recycling competition to see which building (or department) recycles the most.

-  Timeline: Year 2-3
-  Guiding Principles: Provide programs that promote community pride and involvement/Reduce amount of solid waste in Addison
-  Costs Associated: Minimal costs associated with this project; campaign will be organized by Town staff
-  KPIs: Success will be measured by an increased recycling rate in the town buildings.

## RM Big Bellies

This program will place "Big Belly" recycling and waste receptacles in Town parks. The receptacles contain solar-powered compactors. These compactors reduce collection frequency by 70-80%.

-  Timeline: Year 2-3
-  Guiding Principles: Preserve open spaces and natural areas/Reduce amount of solid waste in Addison
-  Costs Associated: Town staff will be seeking a grant for this project
-  KPIs: Success will be measured by the implementation of the 'Big Bellies' and simply offering recycling in a place it was not previously offered.

## RM Internal Processes Review to Reduce Paper Consumption

An inventory will be done of all current programs and processes that use paper. This will be followed by a process review to determine how paper utilization can be reduced.

-  Timeline: Year 2
-  Guiding Principles: Establish baseline usage for all material resources and set goals for reduction 2. Educate residents and staff on the resource management ideals
-  Costs Associated: TBD
-  KPIs: Reducing the amount of paper used by any amount will be counted as success

## 2 DEVELOPMENT/LAND USE

D

### Service Center Demonstration Garden

This project will re-landscape Addison's Service Center using mainly drought tolerant/native and adaptive plants. The purpose is to demonstrate to residents the aesthetic appeal of native/drought-tolerant and adaptive plants, along with their potential to save water and money.



Timeline: Year 3



Guiding Principles: Educate residents on importance of a sustainable lifestyle



Costs Associated: Landscaping work, done by contractor.



KPIs: The success of this garden will be measured by a decreased in the water used for irrigating the landscape at the Service Center.

## 3 MOBILITY

M

### Alternative Mode of Transportation to Work Month

This will be a program that happens one month per year and encourages Town employees to use alternative modes of transportation/carpooling. The program will also offer prizes to the winning department.



Timeline: Year 3



Guiding Principle: Reduce automobile dependency in favor of affordable alternatives



Costs Associated: Minimal costs associated with his project.



KPIs: Success will be measured by the number of employees that participate. The participation rate will be measured using an online survey.

## 4 ENERGY EFFICIENCY & CONSERVATION

En

### Wind Energy Stations

This program will include the installation of wind turbines to power charging stations/lights around town or lights in parking lots.



Timeline: Unknown- Project is still being considered



Guiding Principles: Promote decreased energy use and replace with renewable energy sources



Costs Associated: Wind turbine technology and installation of the turbines.



KPIs: Success will be measured by increased awareness of renewable energy amongst residents

## 5 ECONOMIC DIVERSITY & VITALITY

ED

### Incorporate sustainability principles into purchasing process

The Sustainability Program and Finance Department will work together to develop sustainable purchasing policies. It will require all RFP/RFI's to include sustainable procurement principles. A sustainable purchasing guide for staff will also be developed.



Timeline: Year 4



Guiding Principles: Cultivate an atmosphere of creativity and sustainability within Addison businesses and government



Costs Associated: N/A



KPIs: Success will be measured by increased documentation of sustainable suppliers used by the Town through the purchasing process.

## 6 COMMUNITY INTEGRITY & INVOLVEMENT

CI

### Keep Addison Beautiful Program

Keep Addison Beautiful will be a program that gives businesses and organizations the chance to "adopt" a street or park in Addison and do regular clean-ups. Businesses would be promoted on the Town's website.



Timeline: Year 4



Guiding Principle: Provide programs that promote community pride and involvement



Costs Associated: Signage to promote businesses/organizations that have adopted the park or street



KPIs: Success will be measured by number of businesses/organizations that participate in the program.

CI

### Addison Farmer's Market

A weekly market will be organized to offer local farmer's the opportunity to sell their goods as well as offering Addison residents the opportunity to buy fresh, local produce.



Timeline: Year 5



Guiding Principle: Provide programs that promote community pride and involvement



Costs Associated: TBD



KPI's: Success will be measured by the amount of vendors we are able to bring in and the number of people who attend on a weekly basis



# VISIT

## (Hotels, Restaurants, Special Events)

### **What we are currently doing:**

- Addison's Special Events Department provides vendors with a list of sustainability guidelines at each event. Recycling is offered event-wide and highly emphasized through increased signage. Food waste composting is offered to vendors at Fork and Cork and Oktoberfest.
- Addison recognizes that many of our hotels have nationwide corporate sustainability plans and defers them for implementing green business practices.
- The Town works with our restaurants on water conservation through the Ask for a Glass program in which customers are encouraged to ask for a glass of water instead of automatically receiving one that may then go to waste and require that the glass be washed for the next customer.

# 1 RESOURCE MANAGEMENT

RM

## Special Events Sustainability Standards

Town staff will revise the current list of sustainability standards at special events and will create a set of sustainability standards for the town to use at each event. The Town's sustainability standards will include things like appropriate number of recycling bins per event, correct signage and where it should be located and a detailed summary of how to offer food waste composting to patrons.



Timeline: Year 2



Guiding Principle: Establish baseline usage for all material resources and set goals for reduction.



Costs Associated: Minimal costs associated with this project; work will be done by Town staff.



KPI's: Success will be measured by the implementation of the standards into the special event planning process.

RM

## Sustainable Subsidies Program

This program will offer restaurants and hotels subsidies for implementing sustainable best management practices. This program will piggy back off of the residential and commercial subsidy program, but the BMP's will be catered more towards the hospitality industry.



Timeline: Year 3-4



Guiding Principle: Support and incentivize sustainable business practices



Costs Associated: TBD



KPI's: Success will be measured by the number of hotels and restaurants utilizing the subsidies.

# 2 MOBILITY

M

## Addison Bike Share

This will be a bike share program where residents/visitors can rent bikes and drop them off at any bike station around town.



Timeline: Year 3-5



Guiding Principle: Reduce automobile dependency in favor of affordable alternatives



Costs Associated: Bikes, maintenance and personnel to maintain the program. Cost of bike maintenance and advertising for the program will be reoccurring.



KPI's: Success will be measured by the number of bikes used on a weekly basis. Maintenance of bikes will also be taken into account when measuring success.

# 3 ECONOMIC DIVERSITY & DEVELOPMENT

ED

## Addison Green Business Rating System

Based on a set of Best Management Practices determined by the Town and then implemented by commercial entities, Addison will give out a rating that businesses can use to advertise and display to customers. Companies/organizations will have to turn in bi-annual "report cards" to the Town to maintain their status as an "Addison Green Business"



Timeline: Year 2



Guiding Principle: Support and incentivize sustainable business practices



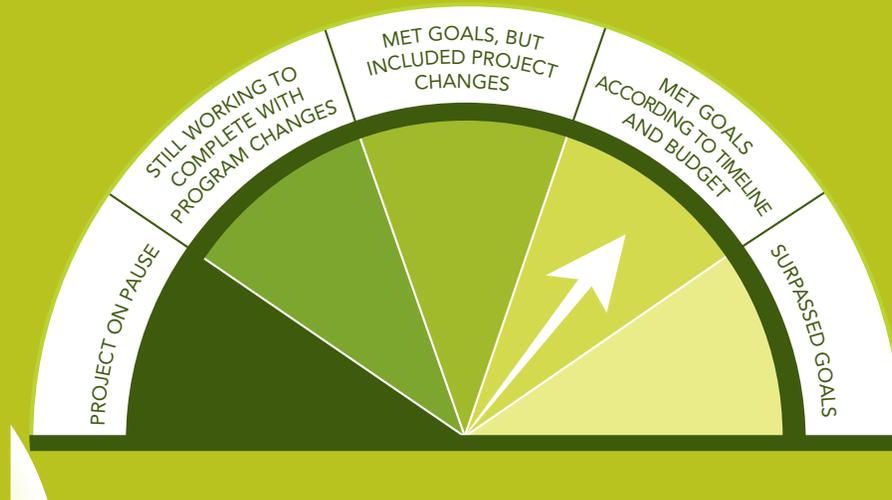
Costs Associated: Minimal costs associated with this project; work will be done by Town staff.



KPI's: Success will be measured by the number of businesses that participate in the program and their bi-annual report cards.

# MEASURING SUSTAINABILITY

Each year a sustainability report card will be provided to residents. The report card will update community members on the implementation of the Sustainability Plan's programs as well as the progress we've shown toward meeting Addison's goals for sustainability. Transparency is a vital part of the Sustainability Program and because of this we will update residents on the setbacks or shortcomings of each program and our plans to improve. The report card format follows:



**Sustainability: The responsible stewardship of our resources in a way that benefits the social, environmental and economic health and vitality of our local community now and in the future.**







ADDISON