



Fall 2019 City Council Update Sustainability Committee

Tuesday, November 12, 2019

Members of the Committee



Sustainability Committee

Through its work, the committee promotes the concept of “sustainability” by encouraging the community to preserve and protect its resources through:



Mission

The Sustainability Committee consists of Farmers Branch citizens who make recommendations on projects and anticipated financial investment to the City Council that are necessary to promote affordable, efficient, reliable and safe energy systems, and to provide clean, green, safe and accessible open space for residents and visitors.

Re-vamped Sub Committees

Zero Waste & Recycling

Explore/research recycling initiatives

- Possible Styrofoam programs
- Composting
- Educational efforts

Water Conservation

Explore water use initiatives

- Household water kits
- Incentive-based programs
- Conservation Measures

Education and Outreach

Coordination with

- City committees and staff
- Keep Farmer Branch Beautiful

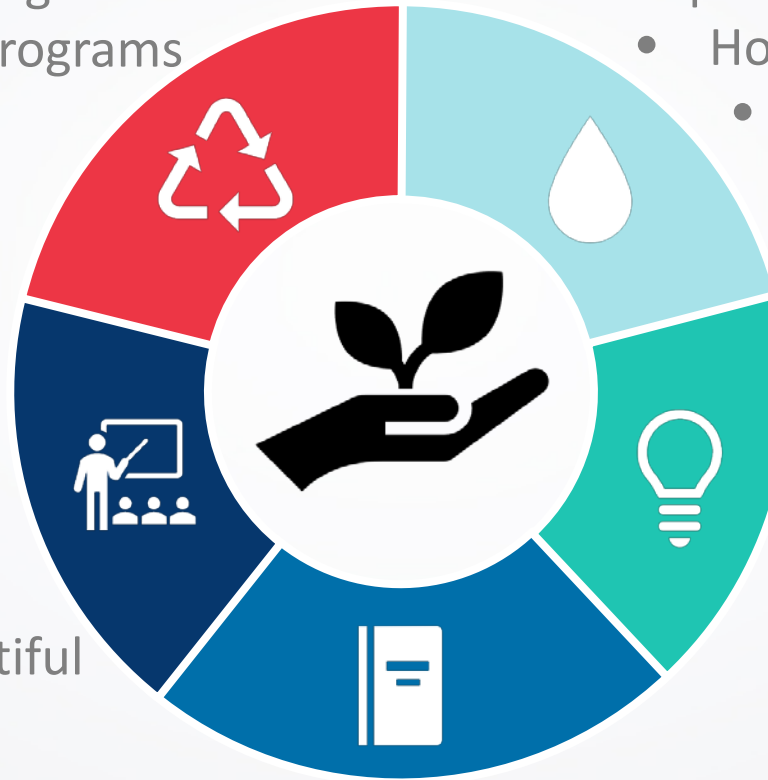
Energy Conservation & Efficiency

Renewable energy initiatives:

- Solar Feasibility Study and implementation
- Further energy efficiency audits

Policy & Code

Explore research into selected policy and code revisions

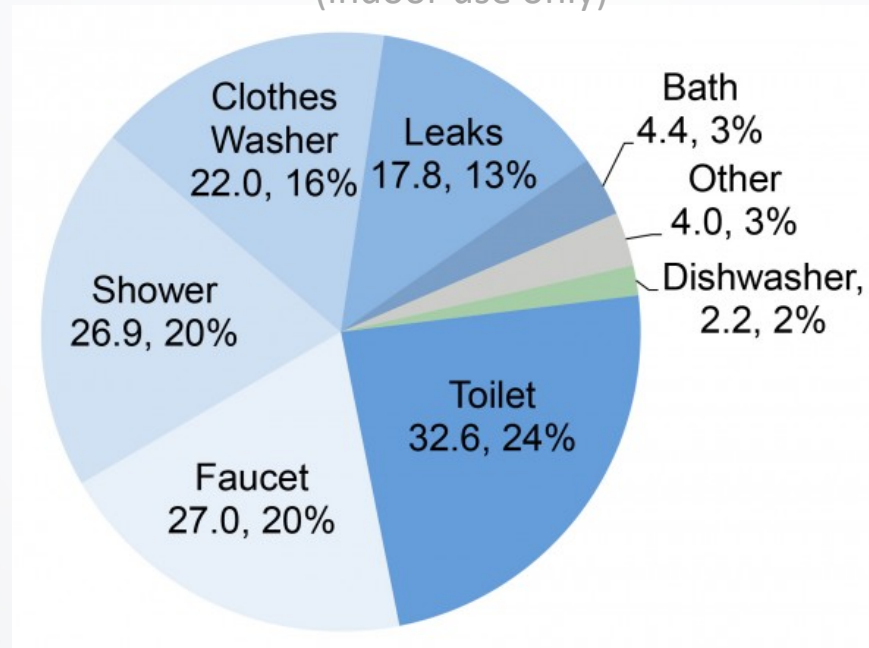


Water Conservation

What's The Value of Water?

- Reliable, clean water is **Essential** and **Invaluable** to every facet of life.
- While 70% of the Earth is covered in water, **only 2.5% is fresh water**
- The average American family uses 300 gallons of water per day.
 - On average, 70% indoors and 30% outdoors.

GALLONS PER HOUSEHOLD PER DAY*
(indoor use only)



Initiatives for 2020:

Change the public's **perception and behavior** towards water

- **Educate** the public on the value of water
- **Develop and implement** incentive-based programs that reduce fresh water consumption
- **Explore** potential policy changes that may help curb water consumption for residential, commercial and industrial customers in Farmers Branch.

Household Water Kits

2019 status:

- Council approved a pilot program to address residential indoor water use.
- 50 Water Kits were distributed to residents at local community events.
- 500 additional kits have been ordered and will be made available to residents at city-owned facilities.



The sub committee would like consideration to expand the Water Kit project to include a collaboration with CFBISD, making the water kits a take-home component to reinforce classroom curriculum on sustainability, share with their extended families and provide a trackable metric.

Committee Process

Prioritize

Sub-committees are currently in this stage



Execute

Water Kits



**Study +
Recommend**
Solar feasibility



**Measure +
Educate**

We'll start measuring our successes





Thank You!

Questions?

Any suggestions or requests from the Council?