

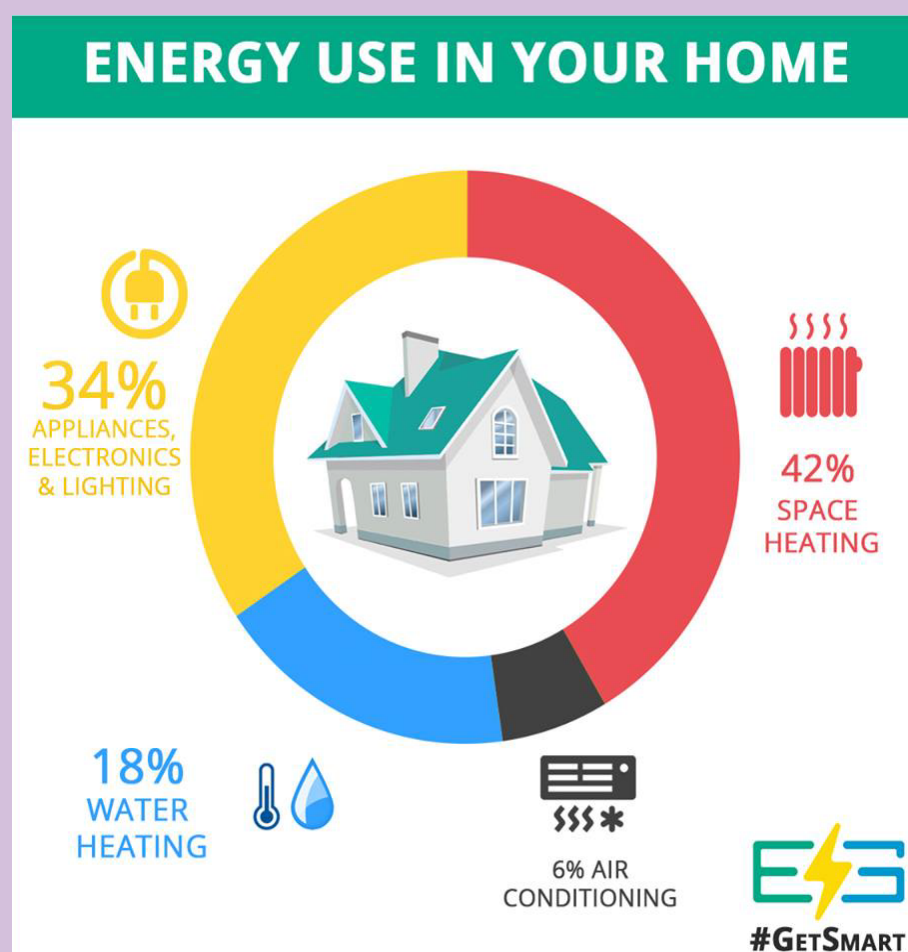
ENERGY

Approximately 30% of energy used in buildings is used inefficiently or unnecessarily.

Biomass is now the largest source of renewable energy in the US. There are 200 existing plants giving electricity to 1.5 million American homes.

ENERGY REDUCTION TIPS:

- Install a programmable thermostat to save up to 10% on cooling and heating costs.
- Turn off all lights, appliances, and electronics not in use. A power strip can help turn off multiple items at once.
- Change to new and improved light bulbs. Reduce energy use from about a third to as much as 80% with today's increasing number of energy-efficient LEDs.



- Clean or replace all filters in your home regularly. Dirty filters make your system work harder and run longer than necessary.
- Don't peek in the oven while baking! Every time you peek, the temperature drops 25° F, making your oven use more energy to bring the temperature back up.
- Don't leave your mobile phone plugged in overnight. It only takes a couple of hours to charge.



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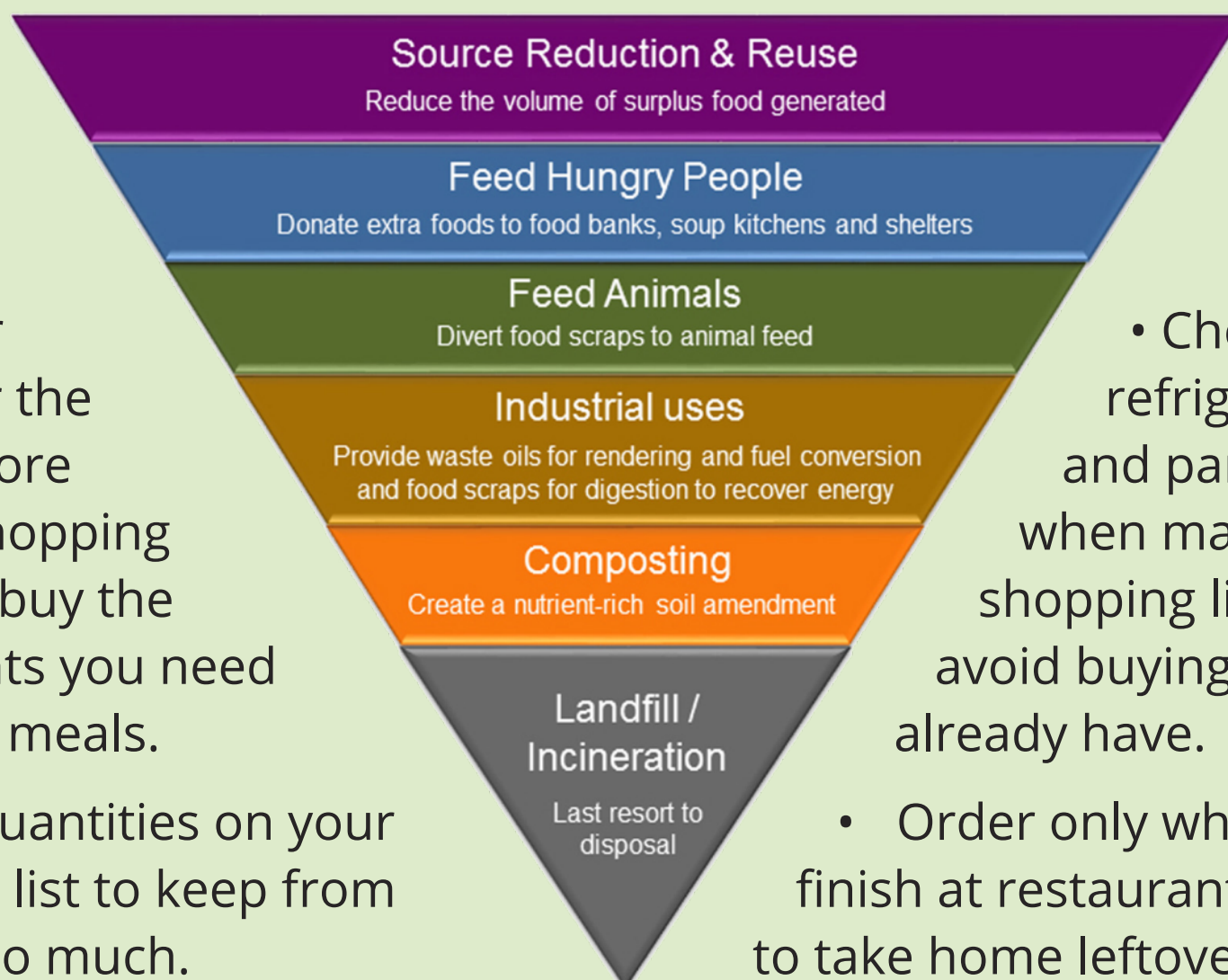
FOOD WASTE

About 1.3 billion tons of food produced for human consumption is lost or wasted globally per year.

EPA estimates that more food reaches landfills and incinerators than any other single material in our everyday trash, constituting 21.6 percent of discarded municipal solid waste.

FOOD WASTE REDUCTION TIPS:

- Plan your meals for the week before you go shopping and only buy the ingredients you need for those meals.
- Include quantities on your shopping list to keep from buying too much.
- Keep a running list of foods that are frequently enjoyed in your house.



- Check your refrigerator and pantry when making your shopping list to avoid buying items you already have.
- Order only what you can finish at restaurants, or plan to take home leftovers for a future meal.
- Label your leftovers so you can keep track of how long they've been in your fridge or freezer.



TDEC recently launched the Get Food Smart TN initiative to increase awareness about food waste and provide Tennesseans with resources to reduce food waste and increase food recovery and diversion. To learn more about how you can help, visit, getfoodsmarttn.com.

WATER USE

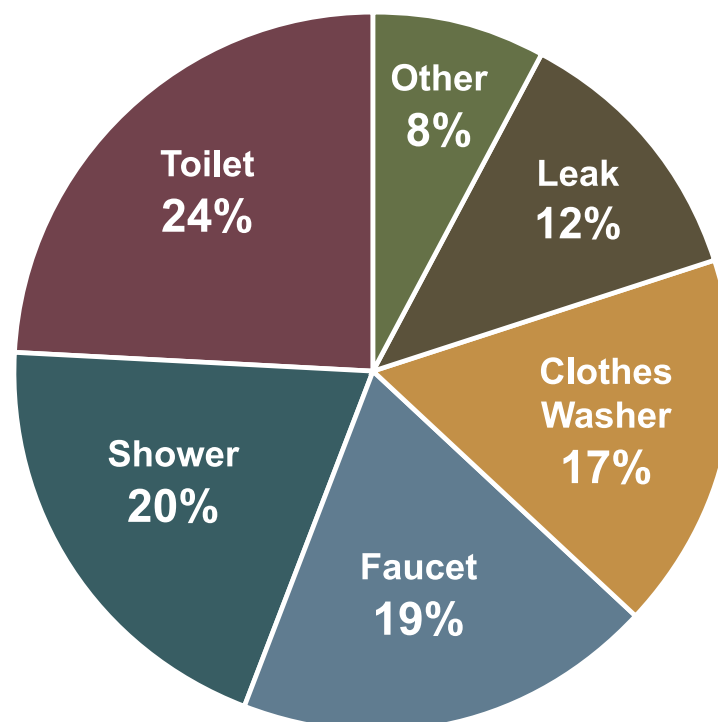
The Earth might seem like it has abundant water, but in fact less than 1 percent is available for human use.

The average American family uses more than 300 gallons of water per day at home.

WATER USAGE REDUCTION TIPS:

- Fix your leaky faucet; left alone it can waste up to 100 gallons of water a day.
- Only run your dishwasher and washing machine when full. Partially full loads result in gallons of wasted water.
- Collect rainfall for irrigation in a screened container (to prevent mosquito larvae growth).
- When cooking, peel and clean vegetables in a large bowl of

How Much Water Do We Use?



Source: Water Research Foundation, Residential End Uses of Water, Version 2, 2016

water instead of under running water.

- Opt for low-flow water fixtures. A low-flow faucet can save 3.5 gallons per minute and a lowflow toilet can save 5 gallons per flush.

- Only water your lawn when necessary and water in the early morning or late in the evening to maximize the amount of water which reaches plant roots.



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