

SUSTAINABILITY IN NAPERVILLE







NAPERVILLE FACTS

Population: 149,540 per the 2020 Census **Demographics (as of the 2020 Census):**

• White – 69.8%

• Asian – 20.5%

• Hispanic or Latino – 6.7%

• Black – 4.2%

Median Age: 35

Median Family Income: \$127,554

Housing Value: \$377,900

Average Contract Rent: \$1,290

Total Housing Units: 53,408

Size in Square Miles: 39.40

Persons per Square Mile: 3708.8



SUSTAINABILITY:

Sustainability is typically defined in terms of three fundamental pillars – often called the triple bottom line or the Three Ps: **People**, **Planet**, **Profit**.

- First, something that is sustainable is beneficial to us and our communities – <u>People</u>.
- Second, it is good for the environment **Planet**.
- Third, it makes economic sense **Profit**.

Sustainable approaches to providing local government services help to ensure a higher quality of life for future generations.



Source: ASU School of Sustainability













Collaborated with IMEA and partners to **install 3,348 solar panels** at the City's Springbrook Water Reclamation Center.

2020 – CNG Fueling Station

- Trillium funded the \$3 million construction cost with help of \$300,000 Drive Clean Chicago grant secured by the City in 2016
- City and partners Trillium and Groot Industries receive Public-Private Partnership Award from Chicago Area Clean Cities Coalition in Dec. 2021

2019 – SolSmart Silver

Reduces barriers to solar energy growth; **Easier for homes and businesses to go solar**

2016 – Illinois Governor's Sustainability Award

Recognizes water leak detection survey, HHW Facility, Recycling Cart program and Emerald Ash Borer treatment program







INTRODUCTION TO N.E.S.T.

Founded in 2018 by Naperville citizens,
N.E.S.T. is a group of concerned citizens
working together to create a climate action
plan as a roadmap for Naperville to reduce
greenhouse gas emissions



Became an official City task force in 2019

Created a **sustainability plan** for Naperville:

https://drive.google.com/file/d/105Xa9h-IC4-RRQr_nWmy5795Yap37KSe/preview







MUNICIPAL LEADERSHIP

Established a <u>cross-departmental</u>

Sustainability Team to support alignment and share ideas and resources

Creating a broad <u>outreach and</u>

<u>engagement campaign</u>

leveraging the creativity, collaboration, and leadership of the City's Emerging Leaders Program

Developing an **online**reporting methodology to measure, track, and share out relevant sustainability-related data



ENERGY

Promote the City's Renewable

Energy Program to assist residents and businesses as they seek to install solar power

Engaging the community to promote increased energy efficiency measures and financial incentives to reduce demand for electricity and natural gas

Continue to follow new

technologies and identify
opportunities to participate in pilot
projects to determine real-world
feasibility



BUILDING AND DEVELOPMENT

Monitor new technologies and updated regulations to help reduce waste and promote energy efficiency/conservation in new developments and major renovations

Utilize Complete Streets

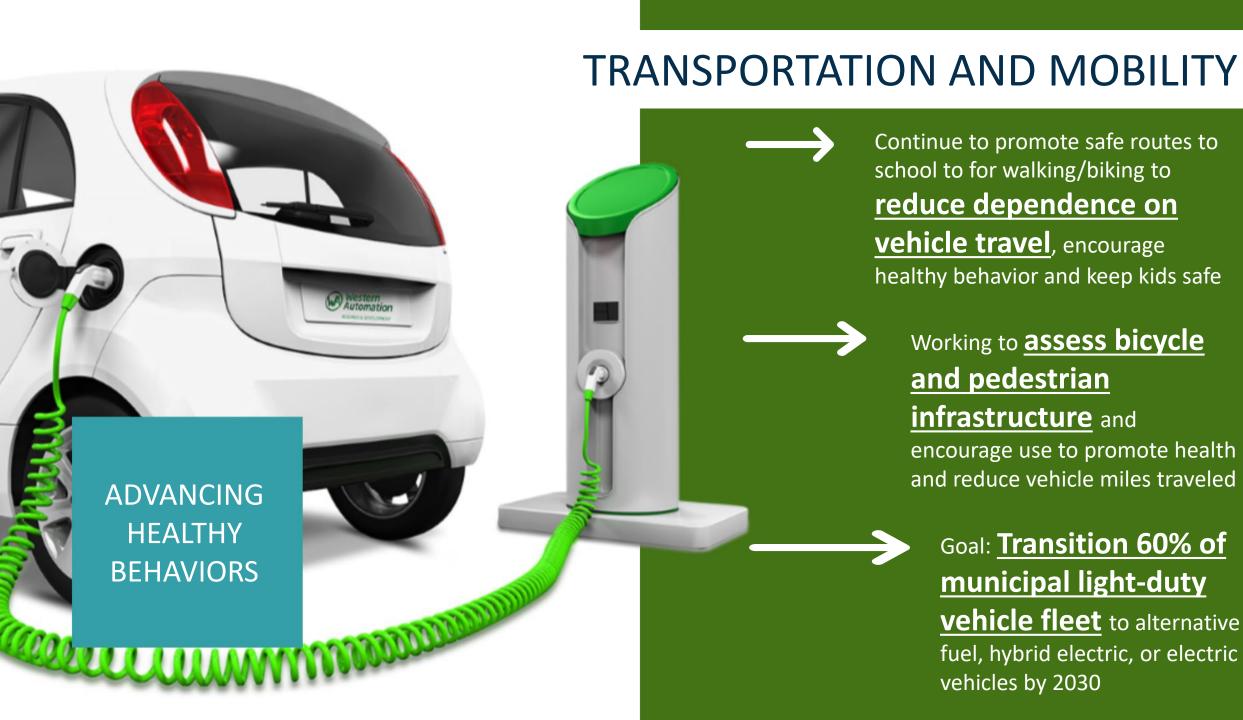
policies when permitting and inspecting new roadway developments and other applicable projects

Educating developers about

sustainable building

practices during the concept

phase for new construction and
major renovations





NATURAL RESOURCES

Working to plant more trees than we lose on public land and parkways, including a collaboration to replace 200+ trees lost to the June 2021 tornado, at no cost to residents

Developing a program to incentivize
use of electric lawn
equipment and retire older gaspowered equipment

appropriate locations to replace
turf grass with native and
deep-rooted plants to
absorb stormwater and sequester
Greenhouse Gas emissions



WASTE AND RECYCLING

Operate free drop-off facilities for Household Hazardous Waste and Electronic (small fee for electronics with screens) for residents to safely and properly dispose of these items

Working to provide education and resources to increase use of recycling programs for City operations and special events

Partnering with NEST's Youth Team to address their concerns around and desire to reduce single-use plastic pollution

RESIDENTS: HOW TO HELP













Use native plantings and turn your yard into a Monarch Waystation

Purchase a
smart
thermostat and
apply for a
rebate from the
City

by recycling properly and compost as much yard and food waste as possible

Participate in the Renewable Energy Program and consider installing solar, with financial help from the City Apply for an energy efficiency grant from the City and save money on your utility bills

Drive less –
bike or walk
when you can
and consider
using public
transportation

For more sustainable ideas, visit naperville.il.us/sustainability

BUSINESSES: HOW TO HELP













Apply for an
energy
efficiency grant
through the
City and save
money on your
operating costs

Reduce waste and provide easy access to recycling options for both employees and customers

Participate in
the Renewable
Energy Program
and consider
installing solar,
with financial
help from the
City

Consider
planting trees
and native
plants in
landscaped
areas

Leverage
financial
incentives to
install electric
vehicle charging
stations for
employees and
customers

Provide incentives for employees to walk, bike or take public transportation to work

For more sustainable ideas, visit naperville.il.us/sustainability



WHAT'S NEXT:

GHG Inventory

The City plans to request funding to complete an updated GHG inventory in 2023

Naperville is Hiring

The City's approved 2022 budget includes funding for a second sustainability position to help advance our sustainability efforts





QUESTIONS

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