

CLIMATE ACTION PLAN REPORT 2021 - 2033

LEGEND

Building

Transportation & Land Use

Waste

Energy Supply

Ecosystems & Local Food

Health, Wellness & Preparedness

Water Conservation & Management

Mainstreaming & Corporate Leadership

🕒 Immediate

🔄 Ongoing

🔄 Ongoing/Immediate

● Not yet started

WHAT YOU CAN DO TO HELP BUILD A RESILIENT OKOTOKS

BUILDING (BD)

• Identify ways to improve your home's energy efficiency and reduce utility bills by arranging an energy audit

• Ask your realtor to prioritize energy efficiency and low-carbon heating and cooling systems when purchasing a new home

• Upgrade your boiler to a high-efficiency heat pump

• Install low-flow fixtures and find and address any leaks in outdoor irrigation systems

TRANSPORTATION & LANDUSE (TL)

• Walk or cycle for short trips and take transit whenever possible

• Encourage your children to walk, cycle, take transit, or use the school bus to school

• Consider an electric vehicle and/or e-bike for your next purchase

• Carpool to work wherever possible

WASTE (WS)

• Switch from single-use items (i.e. diapers, plastic utensils, disposable razors) to reusable options

• Separate out your waste (if you don't already) to minimize garbage in the landfill

• Freeze your food before it goes bad

ENERGY SUPPLY (EN)

• Book a DIY home energy audit kit for free from the Town. Details: [Okotoks.ca/EnergyKit](#)

• Switch to an electric vehicle when you are ready for next car

• Look for opportunities to learn about renewable energy through Town events and the broader community (e.g. the Drake Landing Solar Community)

• Consider a solar PV system for your home (and make sure to check for rebates!)

ECOSYSTEMS & LOCAL FOOD (EC)

• Support local farmers by asking for locally grown produce and other farm products

• Choose organically grown produce wherever possible

• Join or support a local clean-up or ecological restoration group to help improve natural areas

• Avoid planting invasive species, such as morning glory or non-native grasses

• Maintain trees on your property so they stay healthy, and plant new, drought-tolerant native species.

HEALTH, WELLNESS & PREPAREDNESS (HW)

• Host gatherings for your floor, building or block to get to know your neighbours

• Participate in local celebrations and with places to connect, such as buddy boards, community libraries, tool shares, and community gardens

• Offer to help seniors or others in your community who might need assistance, and check in on them during power outages or extreme events (e.g. heat waves, storms)

• Plan for emergencies with your family - have an emergency kit, communication plan, and meeting place.

WATER CONSERVATION & MANAGEMENT (WC)

• Help reduce water consumption by planting drought tolerant lawns and gardens, installing water saving appliances and equipment, and using rain barrels

• Improve the permeability of surfaces on your property to decrease runoff into storm drains

• Help maintain green infrastructure such as rain gardens in your neighbourhood

MAINSTREAMING & CORPORATE LEADERSHIP (CL)

• Share your voice at Town events or in community surveys on climate action

• Look for and support climate-related considerations in future Council reports

2018 - GREENHOUSE GAS EMISSIONS BASELINE
404,000 tonnes CO2e (community and corporate)

2021 RESILIENT OKOTOKS: CLIMATE ACTION PLAN

🔄 Increase availability of low carbon transportation options

🔄 Continue to promote recycling, composting, and reuse of many materials

🔄 Install solar PV systems on all municipal buildings

🔄 Conserve and strengthen biodiversity of local ecosystems

🔄 Prepare for climate related weather emergencies

🔄 Support climate change adaptation and mitigation

Explore options for water reuse

Increase public awareness of home energy efficiency

Install energy efficient retrofits in homes and buildings

Design more walkable/rollable communities

Reduce waste creation at the source

Promote renewable energy and heating systems

Increase local food production and connection with nature

OKOTOKS COMMUNITY GARDEN

Provide incentives for builders and home owners who go above and beyond building standards

BY 2025 GHG GOAL
360,000 tonnes CO2e emitted per year

Develop a mobility plan focused on active transportation

Develop building deconstruction and extended producer responsibility programs

Advocate for methane capture at the landfill

Work to make renewable energy more affordable and accessible

Develop a town-wide green network strategy

Homeowners and businesses to reduce the risk of wildfire and flooding on their property

Require new developments and municipal buildings to reuse water

Regularly provide training to the public on resilience to climate change hazards

BY 2029 GHG GOAL
340,000 tonnes CO2e emitted per year

Develop more pedestrian friendly initiatives and infrastructure

Electrification of Town Fleet fueled by renewable energy

Collaborate on an eco-industrial waste pilot

Use solar power to light Town pathways

Foster a regional system of protected ecological areas

Encourage diverse, drought tolerant agricultural crops

Install more flood mitigation infrastructure

Install a water pipeline to supply Okotoks' growing population

BY 2033 GHG GOAL
300,000 tonnes CO2e emitted per year

BY 2050 GHG GOAL
300,000 tonnes CO2e emitted per year

CARBON NEUTRAL
Resilient population
Resilient infrastructure
Resilient ecosystems

* GHG GOAL = ~80,000 tonnes CO2e (assumed to be captured by carbon sequestration technology)

Construction starts in 2024: For more information on the water pipeline project, go to: [Okotoks.ca/WaterSolution](#)

RESILIENT OKOTOKS