

# OUR ENVIRONMENT OUR ROLE

2019 REPORT TO THE COMMUNITY ENVIRONMENTAL MASTER PLAN



# WELCOME TO A **REFRESHED ENVIRONMENTAL MASTER PLAN!**

In April 2011, the Environmental Master Plan (EMP) was adopted by Red Deer's City Council as a planning document for Red Deer's sustainable future. It set a 25-year vision for Red Deer and formed the Environmental Pillar of The City's Municipal Sustainability Plan.

Through environmental programs, community outreach and partnerships, annual public reporting, and commitments from The City of Red Deer and the community, a lot of progress has been made; however, there is still more work to be done.

The City of Red Deer has consistently monitored progress on the goals and targets of the EMP and, in 2019, a review of the plan was completed.

The refreshed EMP retains the vision of the original plan; however, some portions have been reviewed and updated based on community and stakeholder input, benchmarking comparisons, and a third party assessment. Most of the focus areas and their associated goals and targets remain consistent but the language, priority actions, and some environmental data has been updated.

# **RESULTS BY FOCUS AREA**

The 2019 EMP contains six focus areas: Water, Waste, Energy, Ecology, Community Design, and Air. Each metric has a performance target Red Deer is striving towards over the life of the plan. The target has set a 2035 timeline (waste metrics are the exception having a timeline of 2023).



WATER



WASTE





ECOLOGY



**COMMUNITY DESIGN** 



AIR

# **FOCUS AREA** GOAL PROGRESSION TIMELINE

On the following pages each focus area baseline and target are outlined with the current state of progression towards the goal positioned along the timeline.

BASELINE

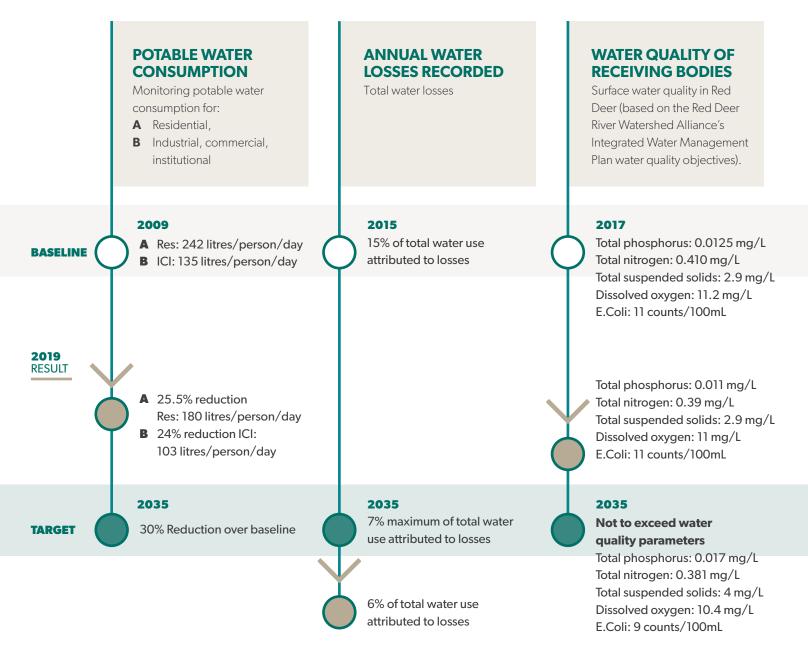
GOAL PROGRESSION

TARGET





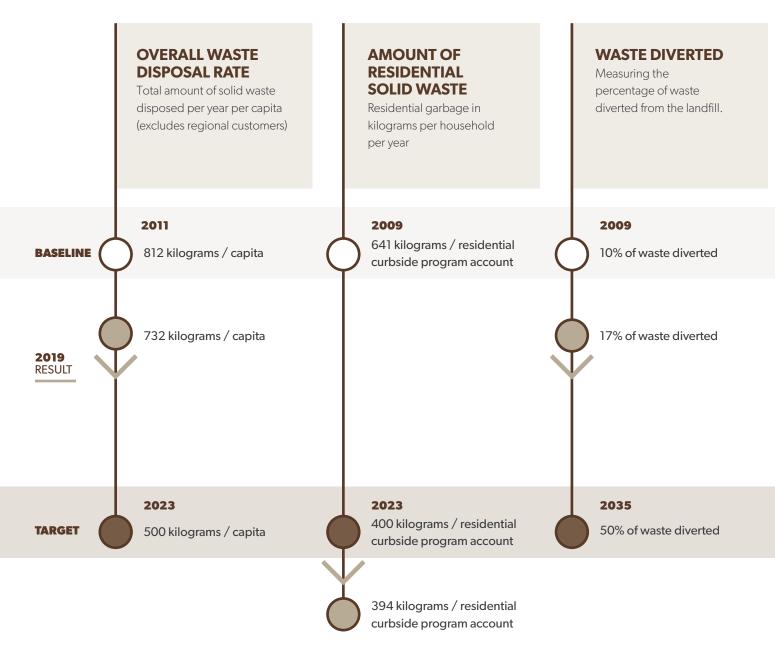
TO IMPROVE THE QUALITY OF OUR WATER RESOURCES AND INCREASE WATER CONSERVATION.







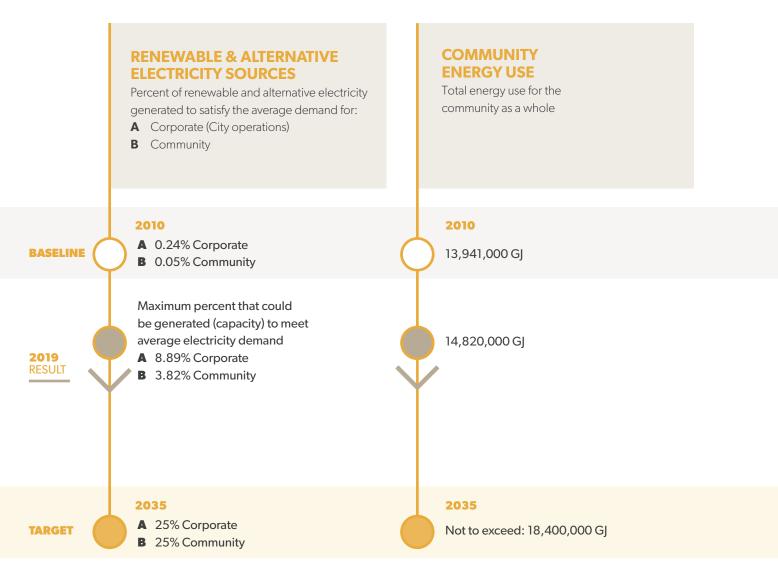
TO DECREASE THE AMOUNT OF WASTE GOING TO LANDFILL AND INCREASE WASTE DIVERSION OPPORTUNITIES.







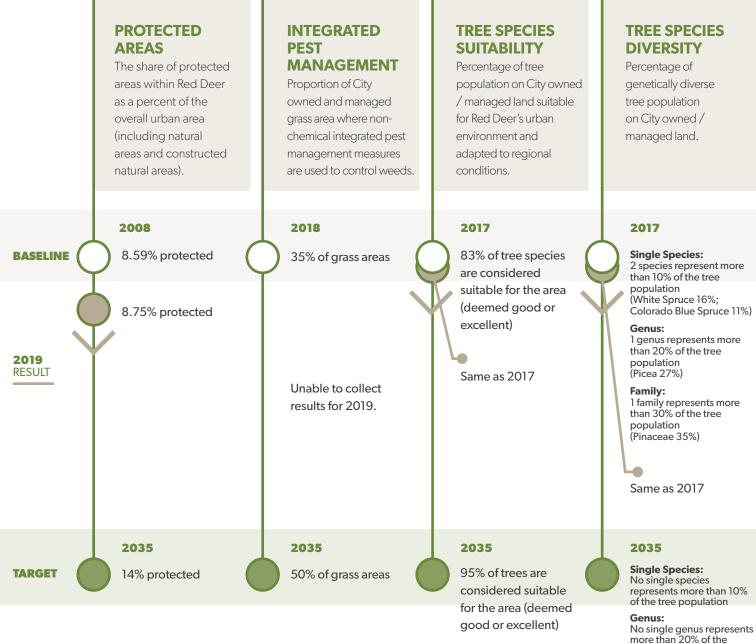
TO REDUCE ENERGY USE AND MOVE TOWARDS USING RENEWABLE ENERGY SOURCES.







TO PROTECT AND ENHANCE THE TERRESTRIAL AND AQUATIC HEALTH OF THE NATURAL HERITAGE SYSTEM.

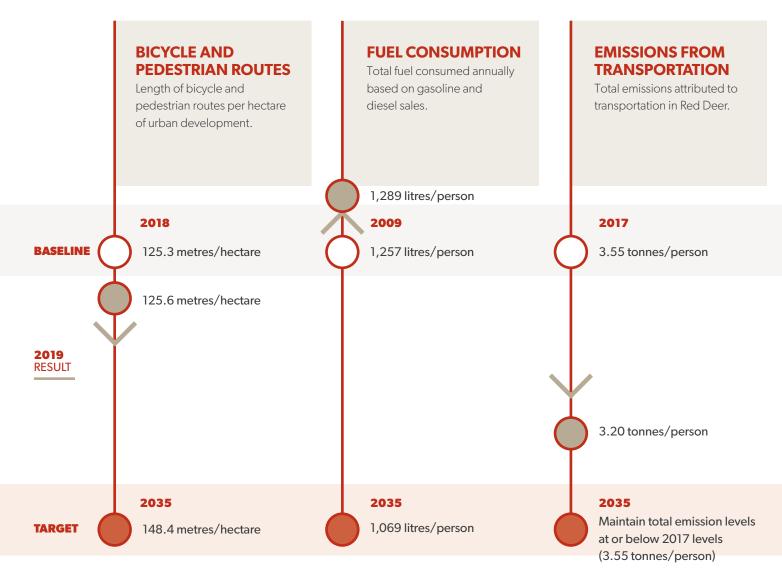


Family: No single genus represents more than 30% of the

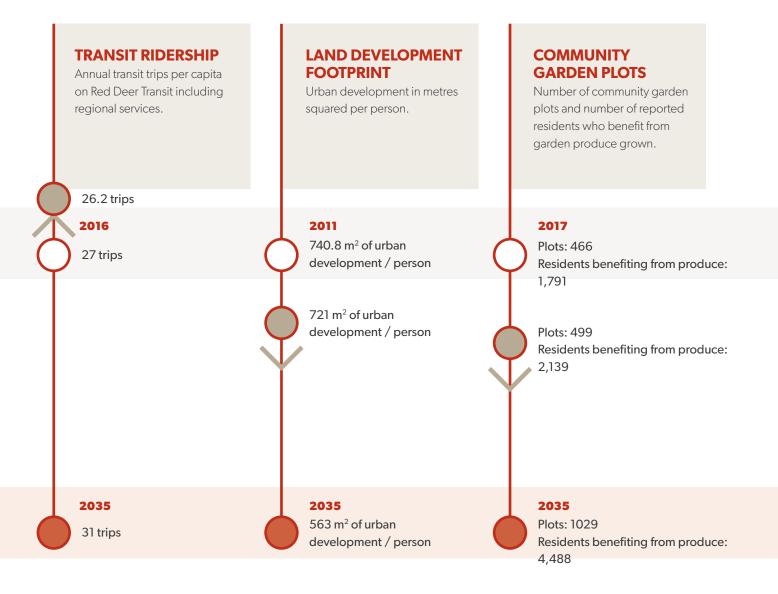
tree population



TO PLAN AND BUILD A WELL-CONNECTED, SUSTAINABLE COMMUNITY THAT CONTRIBUTES TO A QUALITY OF LIFE FOR RESIDENTS TO LIVE, WORK, MOVE AROUND AND ENJOY RECREATIONAL AND CULTURAL PURSUITS.

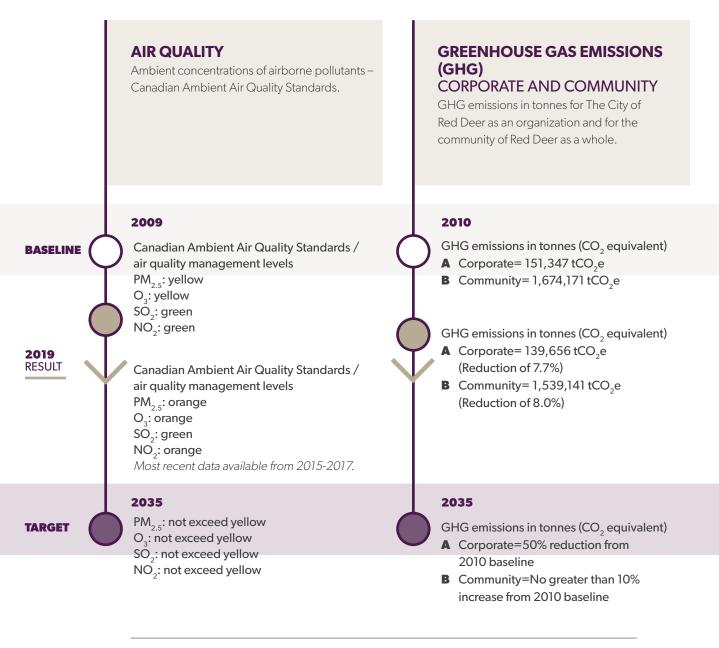








TO IMPROVE AIR QUALITY AND REDUCE EMISSIONS.



#### LEGEND

Green - maintain good air quality through proactive air management Yellow - improve air quality using early and ongoing actions Orange - improve air quality through active air management Red - reduce pollutant levels through advanced air management actions.

# THE NEW EMP AND LOOKING FORWARD

The 2019 EMP was publicly launched at the Cyclovia Open Streets event in August 2019 using an interactive booth in the Sustainable Living Hub. Residents were able to participate, learn more about the refreshed plan, and share their perspectives with City staff.

The 2019 refreshed EMP plan was presented at the Climate Leadership Lab, the 2019 Community Planning Association of Alberta (CPAA) annual conference and the 2019 Alberta Professional Planners Institute (APPI) annual conference.

With successful implementation and next steps in mind, Red Deer can make powerful progress towards the Environmental Master Plan vision and, together with residents, community stakeholders and partners, we can achieve the environmental future envisioned.



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For more information, the full Environmental Master Plan can be viewed on our website at

reddeer.ca/EMP