



# SUSTAINABLE DEVELOPMENT GOALS AT THE UNIVERSITY OF ALBERTA



The University of Alberta in Edmonton, Canada, consistently ranks in the Top 10 universities in the world and Top 3 in Canada for its research and stewardship that advance the UN Sustainable Development Goals. With our local and international partners, we work to address the urgent global need to improve health and education, reduce inequality and spur economic growth, all while tackling climate change and working to preserve oceans and forests.

## Partnerships are key to our efforts

U of A is a top performer in Canada on SDG 17 (Partnership for the Goals) for our extensive collaborations across disciplines, industry and multiple levels of government, as well as with international partners. Our **agreements with six of India's top academic institutes** are examples of leveraging mutual strengths to advance energy and climate research. And one of our many spinoff companies is currently working with Edmonton International Airport to build a **biojet fuel production facility**.



Scan for the latest Times Higher Education Impact Rankings



uab.ca/wqk

## Top SDGs at U of A:

2 - We strive for zero hunger and zero food waste

9 - We spark innovations that make infrastructure and industry more sustainable

14 - We protect and preserve life below water

15 - We steward life on land

17 - We build partnerships to advance all SDGs

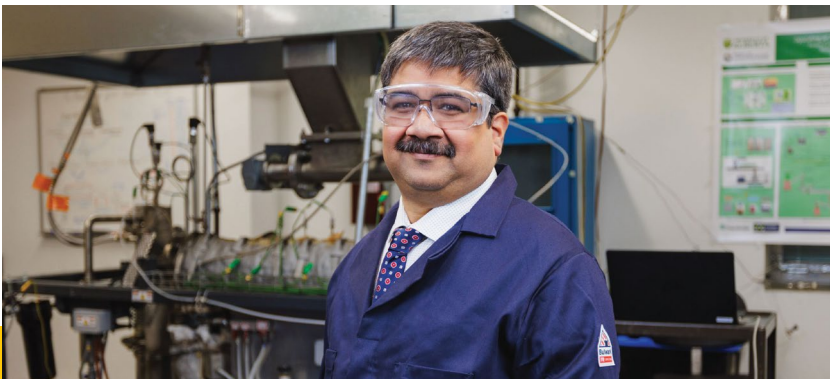
## Sustainability is in our DNA

Part of what draws new students and faculty to U of A is our commitment to the SDGs, which is woven through everything we do. Our **energy management program** has reduced greenhouse gas emissions across our five campuses by more than 2.3 million tonnes and saved the university more than \$350 million. We operate the **oldest campus food bank** in Canada and opened a community pantry in January 2024 to ensure equitable food access in our community. Students in several faculties can choose from a **suite of sustainability courses**, including one that offers an in-depth look at how the SDGs are intertwined with the complex environmental, economic and social dimensions of development. And on our research farm, community volunteers used a U of A grant to **build an irrigation system** that cut water use and eased the burden on older gardeners, leading to the most productive growing season ever.

## Stewards of land and water

Ensuring the health of the planet and people remains a priority at the U of A. Efforts in this area include **Agri-Food Discovery Place (AFDP)** where companies can access technologies to assist with product and ingredient development and help determine the feasibility of commercialization. AFDP links industry to our research in food safety and agricultural technology, helping make farming more sustainable.

Our conservation research and other efforts prioritize integrating the perspective of Indigenous Peoples. One **research project** has young hunters submit the head and glands of harvested animals to be checked for chronic wasting disease, to ensure the meat is safe and provide insight into the presence and spread of CWD across our region. Meanwhile, **the Āramāt Project** actively engages Indigenous Peoples in land conservation and governance around the world by amplifying Indigenous-led biodiversity projects, strengthening traditional food systems and re-establishing relationships with wild species based on traditional knowledge.



**“We are developing novel and resilient solutions to mitigate greenhouse gas emissions in energy demand and supply sectors. Globally, this will significantly help in achieving net-zero emission goals.”**

– Amit Kumar, Canada Research Chair in Assessment of Energy Systems



uab.ca/9mc