

# 2022 CSR Sustainability Highlights



Orano Canada Inc. acknowledges its operations take place on Treaty 6, 8 and 10 Territory. We pay our respects to the Indigenous Nations and Métis ancestors of these lands in a spirit of reconciliation and collaboration.

## ICMM

As a member of the International Council on Mining and Metals, Orano strives to satisfy the 10 ICMM principles for responsible mining. This overview highlights a few ways Orano Canada is meeting its commitments to Saskatchewan and northern communities.



### Mining Principle 1 Ethical Business

*Apply ethical business practices and sound systems of corporate governance and transparency to support sustainable development.*

Orano Canada, a subsidiary of the Orano Group, follows a strict compliance and influence peddling prevention program, with a “zero tolerance” policy for corruption and fraud, ensured through regular training and reporting processes. It also has a transparent communication program and grievance mechanism in place.

In addition to the Orano Code of Ethics training, that is mandatory for all Orano Canada employees, those in roles with an elevated risk of exposure to corruption receive an intensive training program on the prevention of corruption and influence peddling.

A whistle-blowing system is also open to employees, business partners and recruitment candidates.



### Mining Principle 2 Decision Making

*Integrate sustainable development in corporate strategy and decision-making process.*

As a leader in the industry, Orano Canada is committed to workplace health and safety, community engagement, environmental protection, and ethical practices. Through evolving Collaboration Agreements with local communities, it integrates sustainable development into its corporate strategy while working to maximize northern and Indigenous employment. In 2022, it purchased 57% of its goods and services from businesses in the Northern Saskatchewan Administration District.





## Mining Principle 3 Human Rights

*Respect human rights and interests, culture, customs and value of employees and communities affected by our activities.*

As a partner in the Pinehouse, English River First Nation and Athabasca Basin Ya'Thi Néné Collaboration Agreements, Orano Canada respects the rights of First Nations, Métis, and Indigenous Peoples and the need to deliver sustainable long-term benefits in the development of uranium resources. Fly-in-fly-out positions at its McClean Lake Mill also create access to meaningful careers without the need for resettlement from home communities..



## Mining Principle 5 Health, Safety and Radiation Protection

*Pursue continual improvement in health and safety performance with the ultimate goal of zero harm.*

### Safety

Orano is committed to providing a safe and healthy work environment, with measures to ensure compliance with relevant standards. It promotes mental health and protects its employees through its Radiation Protection Program. Orano Canada offers a mandatory Health, Safety, and Environment orientation to all employees, contractors, and visitors traveling to the McClean Lake Operation.



## Mining Principle 4 Risk Management

*Establish effective risk management strategies and systems founded on a sound scientific basis and which take into account how stakeholders perceive risks.*

### Tailings Management

Comprehensive risk management systems ensure compliance with laws and regulations, including preventing human rights violations, and protecting people's health and safety and the environment. Orano's crisis management and emergency response teams conduct regular preparedness drills. In 2022, the McClean Lake Operation's license was granted an amendment by the Canadian Nuclear Safety Commission to expand its JEB Tailings Management Facility after a public hearing and examination of its competent safety measures.



## Mining Principle 6 Environmental Performance

*Pursue continual improvement in environmental performance issues, such a water stewardship, energy use and climate change.*

Orano focuses on sustainable development and environmental performance, including water stewardship, waste and tailings management, decarbonization, and post-mining remediation. It aims to comply with the UN's Global Industry Standard on Tailings Management and for carbon neutrality by 2050.



## Mining Principle 7 Preserving Biodiversity

*Contributing to the conservation of biodiversity.*

Orano Canada minimizes its interactions with the environment and performs comprehensive monitoring at and near its sites during all operational stages. Wildlife specialists conduct sampling and monitoring programs every three years, and Ecosystem Services monitoring reports are evaluated every five years. Since 2011, the company has participated in the Eastern Athabasca Regional Monitoring Program, an industry-government partnership that includes a community program developed to determine the safety of traditional foods consumed by local residents.



## Mining Principle 8 Responsible Production

*Facilitate and support the knowledge base and systems for the responsible design, use, and re-use, recycling and disposal of products containing metals and minerals.*

Orano Canada is committed to responsible production and extraction of uranium ore. To continue decarbonization at McClean Lake, the company has identified and implemented several energy efficiency projects while achieving significant reductions of propane and electricity consumption. It plans to achieve a 30% reduction target of greenhouse gas (GHG) emissions by 2025 through a combination of conservation and recycle projects, energy mix changes, and production changes.



## Mining Principle 9 Social Performance

*Seek continual improvement of our employment performance and contribute to the social, economic, and institutional development of host countries and communities.*

Through its Collaboration Agreements, Orano Canada contributes to three Community Trusts to promote the environmental, health, social, cultural, and economic well-being of present and future generations of Indigenous Peoples. In 2022, the company began a \$60,000 three-year donation to the University of Saskatchewan's Indigenous Student Achievement Pathways program to offer new math and digital literacy programming. Through its scholarship program, Orano awarded \$27,000 to nine post-secondary students from the north.



## Mining Principle 10 Engaging with Stakeholders

*Proactively engage key stakeholders on sustainable development challenges and opportunities in an open and transparent manner. Effectively report and independently verify progress and performance.*

Orano Canada engages with stakeholders and Indigenous Rights Holders in dynamic ways. In 2022, it conducted two Mill Operator Training Programs, with one specifically available for Indigenous residents of the Athabasca Basin in northern Saskatchewan. Successful trainees were offered positions at the McClean Lake Operation. To transition its Cluff Lake property to the Province of Saskatchewan, Orano engaged with stakeholders throughout the entire process.





# Orano Canada 2022 Key Figures

## Direct Employment

TOTAL Orano Canada	429	
Female Employment	103	24%
TOTAL McClean Lake Mill	315	
RSN - McClean	160	51%
Indigenous - McClean	143	45%

## Long-term Contractors

Total Employees (average)	54.7	
Residents of Saskatchewan's North (RSN)	39.1	72.1%
Indigenous - McClean	45.0	82.5%

## Goods and Services

Total Orano Goods and Services	\$120,631,575.57	100%
Total Orano SK Spend	\$70,853,816.02	66.9%
Total Northern SK Spend	\$40,480,763.46	57.17%
Total Indigenous Owned Business Spend	\$38,093,847.48	53.8%

## Taxes and Royalties

Submitted to municipal, provincial and federal bodies.

Total	\$41,185,209.34
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## Community Investment

Including scholarships, community trust disbursements, donations and sponsorships.

Total \$1,073,204.59



## Uranium Production (lbs U<sub>3</sub>O<sub>8</sub>, 100% basis)

Cigar Lake/ McClean Lake	18,037,443
McArthur River/Key Lake	1,148,980
Total	19,186,423

## Safety

Fatalities	0	0
Lost-time injuries	3	3
Medical incidents (reportable and includes modified work injuries)	17	12
First aid	56	56
<b>Total</b>	<b>76</b>	<b>71</b>
	2021	2022

## Emissions

Year	Scope 1 (tCO <sub>2</sub> e)	Scope 2 (tCO <sub>2</sub> e)
2020	22,758	23,802
2021	25,157	24,900
2022	25,972	26,420

\*Increased emissions reflect a suspension of production in 2020 due to COVID-19 and a gradual return to normal operations. Orano Canada has an objective to reduce Scope 1+2 GHG emissions by 30% from a 2019 baseline by 2025.

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