

RTFT – Havre-Saint-Pierre Mine

2019 Sustainable Development Scorecard



OUR OPERATIONS

Rio Tinto Fer et Titane (RTFT) processes ore from its ilmenite mine at Havre-Saint-Pierre. In 2020, the company is celebrating its 70th birthday! It is a major producer of titanium dioxide feedstock, used widely as pigment for high-quality white finishes, and is a global leader in high-purity metallic powders. It also produces iron and steel for highly specialised applications in sectors such as the automotive industry and wind power.

This sheet describes the main sustainable development indicators for 2019 at RTFT's Havre-Saint-Pierre mining facilities. Feel free to share it across your networks.

Your feedback is welcome:
rtft.info@riotinto.com



INVESTMENTS AND GROWTH

We continued OUR PROJECT aimed at positioning the Mine for the future and achieving our target of \$430 per tonne.

Investments

In 2019, RTFT devoted a record **\$148 M** to capital investments.

Part of the investments went to major work on the railway and marshalling yard aimed at ensuring long-term, safe operations in Havre-Saint-Pierre.

Mine production

• 2.1 million tonnes per year

Innovation as a lever for growth:

- Ongoing implementation of an innovative process for reclaiming high-purity scandium oxide at the Sorel-Tracy Technology Centre and production of Al-Sc master alloy
- Development of new value-added grades of titanium dioxide (Hi-Ti)
- Significant improvement in reduction furnace technology



HEALTH AND SAFETY

Metallurgical Complex

0
Recordable injuries

0 ✓
AIFR⁽¹⁾



(1) All injury frequency rate (number of lost time, work restriction and medical follow-up incidents x 200,000/number of hours worked)

Prevention

There was an improvement in our safety performance thanks to the commitment shown by all employees and contractors, along with the shift undertaken in 2018 to bolster our safety culture. **We are proud of the fact that there were no recordable injuries at the Mine in 2019!**

A new dashboard implemented at all RTFT facilities enabled us to monitor and improve our safety leadership and impact on interactions with workers in the field. The adoption of Safety Impact Leadership (SIL) brought about a transformation in our safety culture, by concentrating our focus on aspects with an impact.

Health and hygiene

In addition to regular medical follow-ups, RTFT conducted an annual employee exposure sampling and analysis programme.



PEOPLE

Employees

Number of employees*
280

% of women
11%



Training

Hours
2 608

Employees in training
253

Employee engagement is a key lever for ensuring our company's long-term future in a competitive market.

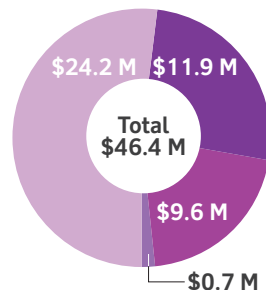
* Total on 31 December 2019



IMPACT

RTFT total expenditures
\$670 M

21% of the Mine's expenditures for services were concentrated in the region



Breakdown of RTFT Mine expenditures

Local
Rest of Quebec
Rest of Canada
International



ENVIRONMENT

Water and waste rock management

In general, effluent quality was stable in 2019. However, there was an increase in nickel concentration at the Mine's main outflow from September to December. The company therefore increased monitoring and the frequency of sampling campaigns. It also created a team of experts to prepare a plan to correct the situation.

Average annual Ni content at the main outflow (Léo waste rock site)

0.46 mg/L ⬆

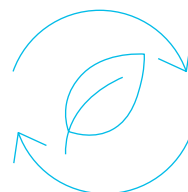
The Petitpas waste rock pile reclamation programme was ongoing.

Air emissions

PM _{tot}	PM ₁₀	PM _{2.5}	CO	NO _x	SO ₂
Tonnes/yr	Tonnes/yr	Tonnes/yr	Tonnes/yr	Tonnes/yr	kg/yr
404.4	182.1	37.3	115.5	311.1	266.2

Residual materials

Non-hazardous residual materials		Hazardous residual materials	
Tonnes/yr	% recycled	Tonnes/yr	% recycled
1,560	45%	481	73%



Hydrocarbon consumption

Diesel

3,301,000 litres

Gasoline

167,000 litres

Environmental incidents

16 ⬆
incidents



Half of the incidents were related to diesel spills, and approximately 15% were due to breakdowns resulting in hydraulic oil spills. The remaining incidents involved exceedances at the main outflow.



COMMUNITIES AND PARTNERSHIPS

\$40,500

in community investments channelled to 24 regional partners. RTFT also participated in initiatives aimed at diversifying the economy and promised to contribute to a regional economic diversification fund.

A historic agreement

We are grateful for our host communities' trust and support, and are proud to have signed an agreement with the Ekuanitshit Innu community. The *Uauitshitun* agreement is based on the principles of mutual support and respect, and is firmly focused on the future.



Recognition token programme to support local organisations

An employee recognition programme was created to congratulate employees who display exemplary behaviour with regard to safety and other issues, and at the same time to support local organisations. Employees receive tokens that they can redistribute to chosen local organisations.



Complaint management

5 ⬆

complaints (train speed and dust)

LEGEND



Increase



Stable



Decrease



Proportionate to production