



Fact Sheet: Reducing Our Greenhouse Gas Emissions



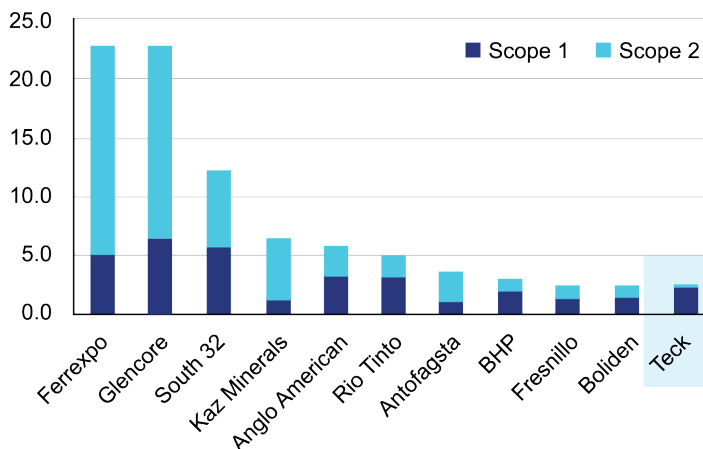
Teck is committed to taking action to address global climate change. We have set targets to reduce greenhouse gas (GHG) emissions across our operations with the ultimate objective of becoming a carbon neutral operator by 2050.

This objective builds on our track record of taking action to reduce our carbon footprint and improve energy use at our operations.

Where we are today

Teck is one of the lowest greenhouse gas emission-intensity miners in the world. According to data from the International Council of Mining and Metals (ICMM), our steelmaking coal and copper production rank among the lowest for carbon intensity—a measure of carbon dioxide generated per unit of material produced—compared to the global mining industry. The intensity of Teck’s scope 1 and scope 2 GHG emissions on a copper equivalent basis is amongst the lowest in the industry.

Scope 1+2 emissions per copper equivalent ranking
(tCO₂e/t CuEq)



Source: Barclays Research, Teck

Currently, all of our steelmaking coal operations are covered by carbon pricing, as is close to half of our copper business, the Fort Hills oil sands mine and all of our metals refining business.

How will Teck become carbon neutral by 2050?

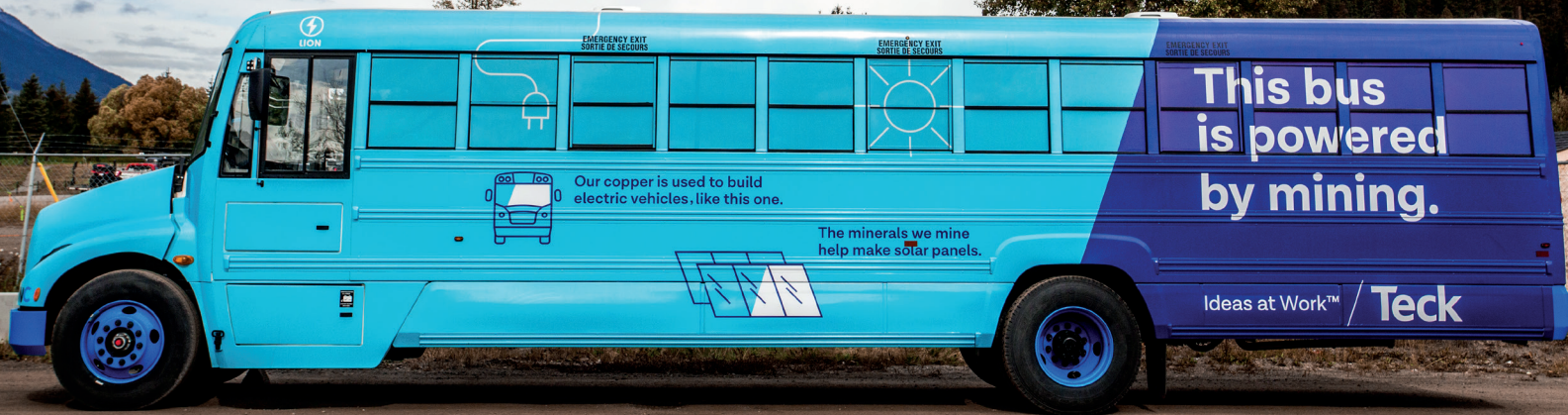
We have set out a roadmap of how we will reduce carbon intensity and ultimately achieve our long-term objective of carbon neutrality. It first starts with a solid understanding of our current and future emission sources and then applying a mitigation framework.

This mitigation framework has four steps:

1. Avoiding emissions altogether where possible
2. Eliminating emissions through the use of alternatives – such as solar instead of coal power
3. Minimizing emissions
4. Using carbon offsets if needed

We know that our two most significant emission sources are from power supply and from our mobile equipment fleets, such as haul trucks. We have prioritized those sources, and are deploying proven, cost-effective technologies to achieve three short-term goals:

1. Reduce the carbon intensity of our operations by 33% by 2030.
2. Accelerate the adoption of zero-emissions alternatives for transportation by displacing the equivalent of 1,000 internal combustion engine vehicles by 2025.
3. Procure 50% of our electricity demands in Chile from clean energy by 2025 and 100% by 2030.



Harnessing renewable power

Already, 81% of all electricity that we use is sourced from renewable, zero-carbon power sources. We are reducing carbon emissions further by sourcing and using more renewable energy to power our operations.

In early 2020, we purchased the SunMine solar energy facility, located on fully reclaimed land at Teck's former Sullivan Mine site in Kimberley, B.C. The 1.05-megawatt solar facility is the first grid-connected solar facility in British Columbia and the first built on a reclaimed mine site.

At our Quebrada Blanca Operations in Chile, we are currently sourcing 30% of our total energy needs from solar power. In 2020, we entered into a long-term power purchase agreement for our Quebrada Blanca Phase 2 project. Under this arrangement, Teck will source 118 megawatts of renewable power. Once in place, more than 50% of total operating power needs at Quebrada Blanca Phase 2 will be met from renewable sources.

Our electric vehicle initiatives

Transportation is a significant source of emissions for our operations, whether that is vehicles needed to operate our mines, or the vehicles our employees use to get to work. We are working to identify and implement zero-carbon options for transportation across our operations.

In 2019, we introduced two electric buses for crew transport. The 40-passenger electric buses are replacing diesel crew transport buses at our Fording River and Greenhills operations in the Elk Valley, and each bus is estimated to be the equivalent of taking 10 combustion engine cars off the road.

We also contributed to a regional and community-driven strategy to accelerate the adoption of electric vehicles (EVs) by installing charging stations along an 1,800-kilometre stretch of Highway 3 in the Kootenays, a road frequently travelled by thousands of Teck employees in the region.

Advocating for climate action

We support action at all levels to combat climate change and are actively advocating for broad-based, effective carbon pricing. We were the first Canadian resource company to join the Carbon Pricing Leadership Coalition, a partnership of national and sub-national governments, businesses, and organizations working toward integrating carbon pricing into the global economy.

For more information

Visit teck.com/climate-change

