

## Organizational Info

Organization Name: TransLink

Presenter: Niklas Kviselius

Organization URL: <https://www.translink.ca/Plans-and-Projects/TransLink-Tomorrow.aspx>

## Challenge Synopsis:

Under the umbrella of TransLink Tomorrow, we are aiming towards three goals for transportation in the future:

1. Enable seamless and efficient door-to-door mobility for people and good
2. Promote safe, healthy, clean and compact communities
3. Ensure affordable and equitable access for all.

## Challenge Statement & Context:

*Challenge: How to reduce greenhouse gas emissions in our transportation network?*

Climate change is a priority globally and in this region. Metro Vancouver has set goals of greenhouse gas emissions reductions of 80% by 2050 across the entire region. Transportation accounts for one-third of 15.5M tonnes emitted in the region. In 2018, TransLink's Board of Directors and Mayor's Council adopted a number of targets to support the region's climate goals. These are:

- 100% renewable energy in our operations by 2050
- 80% reduction in greenhouse gas emissions by 2050

We are exploring the use of renewable natural gas and electricity in our fleet, but there are many opportunities to fuel-switch, improve energy efficiency and generate our own renewable energy within our system and beyond.

As TransLink's mission is to "connect the region and enhance its liveability by providing a sustainable transportation network", TransLink can play a key role in supporting more sustainable travel across the region regardless of transport mode and ownership (public, private, shared).

We would like to hear about private sector innovative solutions to reduce greenhouse gas emissions from the transportation sector in this region.

## Response Criteria:

The solutions can include:

- Innovative partnerships to help move people and goods across the region with zero emissions;
- Solutions to optimize energy use and improve energy efficiency in TransLink operations and facilities; and opportunities to generate, store, use and sell renewable power from TransLink assets.

**Next Steps:**

If interested in responding to this challenge and participating in this session, please contact John McPherson at the Vancouver Economic Commission: [JMcPherson@vancouvereconomic.com](mailto:JMcPherson@vancouvereconomic.com).