



Dr. Gord Lovegrove is an MBA/Civil Engineer with over 30 years of experience in smarter growth, housing, sustainable transportation, safety, economics, and project management. Gord was the point man that got the award-winning Universal Transportation Pass (U-Pass) for UBC that tripled transit use at both campuses. His current research focus is on zero-emission, hydrogen-powered rail (hydrail), including several industry partnerships to develop Canada's first hydrail switcher locomotive. Other items of note, Gord is:

- Founding partner of the SMARTer Growth Partnership (smartergrowthpartnership.ca)
- Associate Professor / founding member of UBCO's School of Engineering (ok.ubc.ca)
- P-I of UBC's Sustainable Transport Safety Research Lab (sustainablecommunities.ok.ubc.ca)
- VP Technical Programs for the Canadian Society of Civil Engineering (csce.ca); and,
- Co-author of several best practise guides on sustainable development, health, and safety, including:
 - American Society of Civil Engineering's book "Engineering Sustainable Communities",
 - Barcelona Institute for Global Health's "Integrating Human Health into Urban and Transport Planning".
 - Province of BC's Road Safety Strategy guide for cities: Module 1 - Protecting people walking and cycling

Dr Lovegrove brings 20 years of practical industry development experience plus 14 years of engineering research and design expertise. His research team includes electrical, mechanical, and civil engineering graduate students, plus computer science coders and research assistants. Learning by living and experiencing overcomes mental barriers and imparts vision of what is possible. Gord's vision for the Okanagan is to reconnect our communities – thru SMARTer Growth, including a system approach to co-housing development, and high-capacity, zero-emission Okanagan Valley Electric Regional Passenger Rail (OVER PR) using hydrail technology – all to sustain our beautiful quality of life beyond 2050.

In addition to working with UBC students to develop and launch U-Pass, Gord has been thrilled to host groups to The Netherlands, where they live and travel for 1 month to visit Dutch cities and discover how they are able to so successfully sustain one of the world's highest quality of lives, and to explore ways to bring back and adopt ideas for adoption in Canada.