

2019 - 2028

10-YEAR STRATEGY

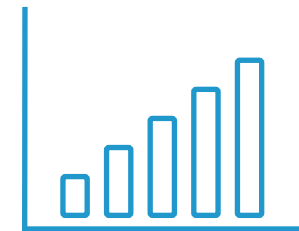


CHANGE IS ACCELERATING, PRESENTING NEW CHALLENGES AND OPPORTUNITIES FOR THE SAFETY SYSTEM

DEMOGRAPHICS

The population of BC is changing, and with that comes the need to change how we communicate and interact with our employees, clients, stakeholders, and the public.

For example, individuals born between 1984 and 2000 are now the largest demographic in the labour force and will compose more than 75% of employees by 2027. As well, immigration and our awareness of the rights of Indigenous Peoples are on the increase, bringing new values, expectations, needs, and norms that we will need to reflect in our interactions on every level.



DIGITALIZATION

Digital technology continues to advance, reaching into every part of society. New capabilities such as artificial intelligence and audio/photo recognition are being deployed to provide new insight and support decision making. Many value-added functions can be performed remotely or autonomously through the Internet of Things, while spatial computing and multi-sensory interfaces (including augmented and virtual reality) are changing the way we communicate, explain, and learn.

Although digitalization is expanding our scope, reach, and productivity, it is also creating new hazards relating to data security, personal privacy, and humanism.

NEW ECONOMIES & KNOWLEDGE MODELS

Many businesses are being disrupted by the emergence of the sharing economy, which is changing traditional economic models relating to asset ownership and use.

How people obtain and consume information has changed with the proliferation of social media, resulting in a personalization of truth, an increased confidence in “do-it-yourself”, and distrust in expertise and institutions.

Rising economic inequality due to the widening gap between rich and poor is adding to economic and political uncertainty. Decreased support for globalization and rising populism in some regions is leading to political gridlock and conflict, while the cost of being safe is increasingly a barrier in vulnerable populations.



OUR PROVINCE

Regional socio-economic differences, both within the province and between the province and the rest of the world, are widening and require new approaches to governance and oversight. In addition, climate change is causing extreme weather such as flooding, wild fires, and landslides, which are threatening communities, straining resources and leading to new innovative solutions that are outpacing regulation.

While much of the regulated technical equipment in BC is aging and approaching end-of-life, there are also capital assets and infrastructure being modernized and upgraded to be cleaner, more efficient, and capable of enduring severe weather.

To meet these infrastructure challenges, government is leading with policy and plans, promoting partnerships, and establishing bold targets for clean transportation and energy technologies in industry and the built environment.

PLOTTING OUR FUTURE IN UNCERTAIN TIMES



Our strategy is designed to drive the growth of innovation, influence, knowledge, and confidence in our organization and in the safety system. In our immediate future, we will diversify our people and their skills, tapping their ingenuity to innovate, deliver service excellence, and influence safe behaviour. We will apply science and rigour to understand risks; and partner with clients, stakeholders, organizations, and the public to expand our reach. And, we will prioritize investments based on their value to the safety system.

As British Columbia's overseer of regulated technical equipment, systems and work, we will continue to use the best technology available to augment the talent, experience, and leadership of our people, in service to a safer BC.

We model the integration of technology and humanity.

OUR ASPIRATION

Our vision has been consistent since 2012. It presents a future world influenced by our activities for the benefit of all people.
Safe technical systems. Everywhere.

OUR VALUES REFLECT OUR PHILOSOPHY AND GUIDE OUR DECISIONS

We see genius in diversity

When we each bring our unique perspective to the table, in the spirit of collaboration and respect, ideas improve and our impact on the safety system becomes greater.

We foster confidence

We communicate directly, listen actively, explain our decisions, and share what we know to build confidence in each other, our organization, and the safety system.

We make the complex simple

Through simplification of our initiatives we promote understanding and engagement, making safety accessible to everyone.

We adapt

As society changes, we create and adopt new ideas, skills, and tools that will enable us to meet the safety challenges of a highly-connected world.

OUR GOALS FOR THE SAFETY SYSTEM

CULTURE

We invest in an inclusive, collaborative, and courageous culture that develops innovative approaches to capably adapt to safety issues and opportunities.

KNOWLEDGE

We create and share information and knowledge with each other, clients, stakeholders, and the public to cultivate safety literacy and collaborate on new opportunities.

BEHAVIOUR

We work across the safety system to understand needs and motivations, and reduce barriers to improve safety-minded decision-making and inspire action.

CONNECTION

We engage with clients, stakeholders, and the public to identify their needs, and deliver services that increase their attachment to, and participation in, the safety system.

SUSTAINABILITY

We develop value-driven solutions that result in the long term sustainability of the safety system, the environment, and our organization.

SAFETY

We build a safer BC by identifying and addressing hazards, and we provide the tools, knowledge, and impetus to reduce incidents and injuries.



OUR MILESTONES BRING CLARITY TO OUR VISION 2019 - 2022

2019

2022

SAFETY INFORMATION ECOSYSTEM

The Technical Safety System Registry enables an integrated safety information ecosystem for clients and citizens.

LIFECYCLE FOCUS

Members of the public, stakeholders, governments, and clients partner to address aging infrastructure that puts people at risk.

PROVINCIAL OVERSIGHT CONSISTENCY

Federal sites, Indigenous communities, and local governments in BC receive a consistent level of oversight.

CULTURE OF LEARNING & INNOVATION

Partnerships with post-secondary institutions, industry associations, and labour organizations advance learning and innovation.

BEHAVIOURAL PROGRAMS DESIGN

We use data to design programs that make full use of motivators, deterrents and defaults to drive safety-minded decision-making.

KNOWLEDGE TRANSLATES TO IMPACT

Incident investigations are systematically used to tell safety stories that target specific behaviour change.

OUR MILESTONES BRING CLARITY TO OUR VISION 2022 - 2025

2022

2025

SAFETY SYSTEM PARTICIPANT FOCUS

Balance of oversight shifts from inspections of units and events to individuals and entities who own and perform regulated work.

SUSTAINABLE BUSINESS MODEL

Operating permits, qualified individual certifications, and contractor/owner licenses drive the majority of the investment in the safety system.

HUMAN CENTERED SCALE & ACCURACY

Ethical algorithms and autonomous technologies support assessment activities and decisions, enabling remote connections with clients.

PERSONALIZED CLIENT EXPERIENCE

Almost all system interactions can be personalized and performed digitally by system participants.

SYSTEM VIEW OF RISK

Human behaviour mapping is integrated with technology fault trees, advancing the understanding and management of safety risks.

AGILE REGULATION

The speed of regulatory change and standards creation aligns with the pace of technological change.

ECONOMIC VALUE IS REALIZED

Fees are designed to incent safety-minded behaviour and to reflect fair value.

PUBLIC ENGAGEMENT

Technical Safety BC is a recognized and trusted source of safety expertise.

OUR MILESTONES BRING CLARITY TO OUR VISION 2025 - 2028



OUR STRATEGY GUIDES OUR PRIORITIES



Our [2019-2021 Business Plan](#) outlines the path we will take to deliver on the longer term aims of our 10-Year Strategy. Updated each year with a three-year outlook, the Business Plan reflects our ongoing strategic priorities to advance understanding and management of technical risks, and specifies short-term tactics, initiatives, and measures that lead to enhanced safety in the province.

Together, these documents guide us as we model the integration of technology and humanity in service to our vision.

Safe technical systems. Everywhere.