



# cleanBC

our nature. our power. **our future.**

***ROADMAP TO 2030 AND BEYOND***  
**JUNE 25, 2021**

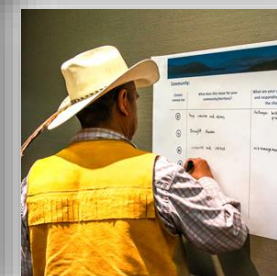
# WHAT IS CLEANBC?

**CleanBC is the Province's plan to a more prosperous, balanced and sustainable future. It's....**

- A climate plan to meet our 2030 emission targets
- A blueprint for a sustainable competitive economy
- A commitment to prepare for the impacts of climate change - which we're already seeing in our communities

Launched in Dec 2018, the policies and programs aimed to get B.C. 75% of the way to our 2030 climate targets

We have met with Indigenous peoples to discuss CleanBC numerous times over the last few years



We're hoping to continuing the conversation today to talk about how we can work together to meet our targets

# WHAT IS THE ROADMAP?

Our gap to target has grown since the release of CleanBC – 28-44% remains

The **Roadmap to 2030** is the Province's response to the challenge of reducing our emissions further to meet our targets

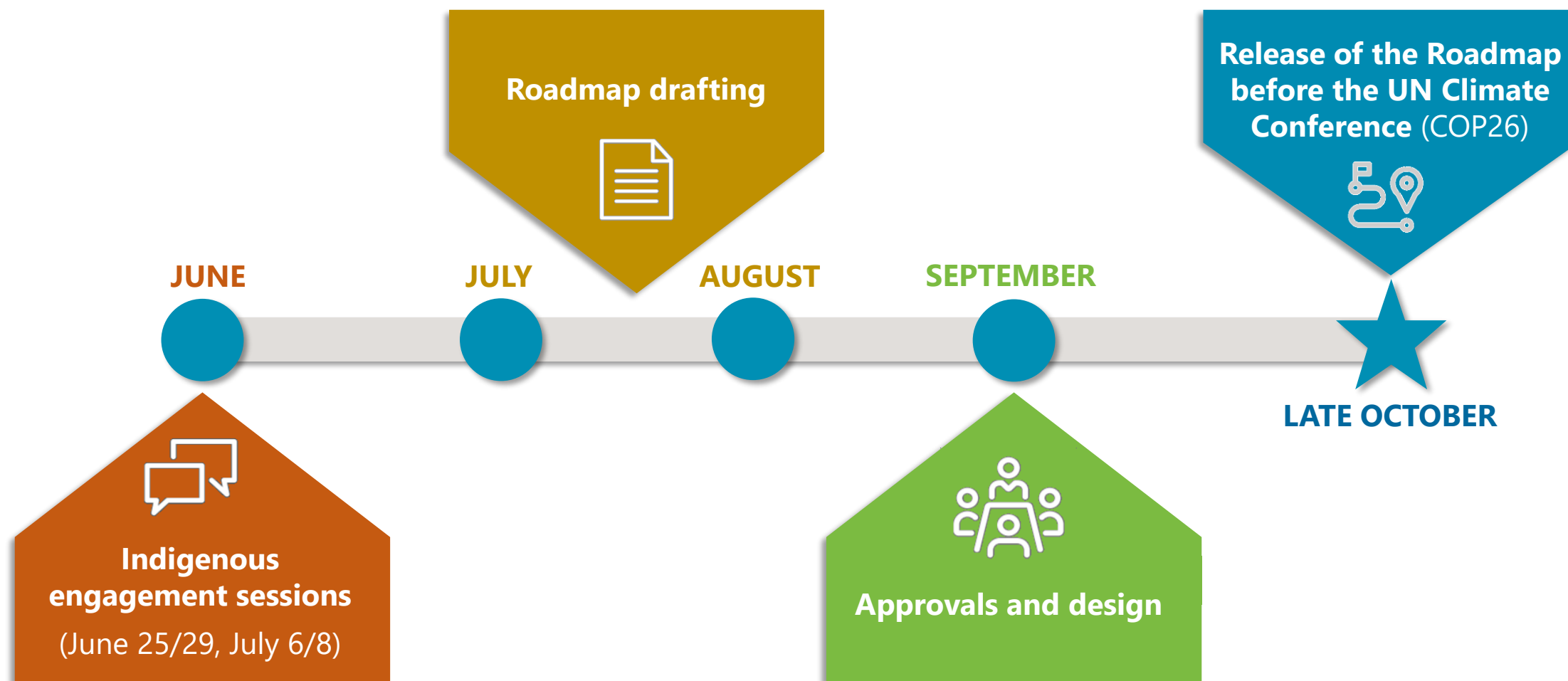
## The Roadmap aims to:

- Help create the conditions different sectors and communities need to transition to a low carbon future
- Reduce emissions in a way that integrates social and economic priorities into climate actions

## How to get there?



# WHERE WE'RE AT & WHERE WE'RE GOING





# WHAT IS A PATHWAY APPROACH?

There are many pathways we can take to reach our climate goals - these pathways intersect and overlap

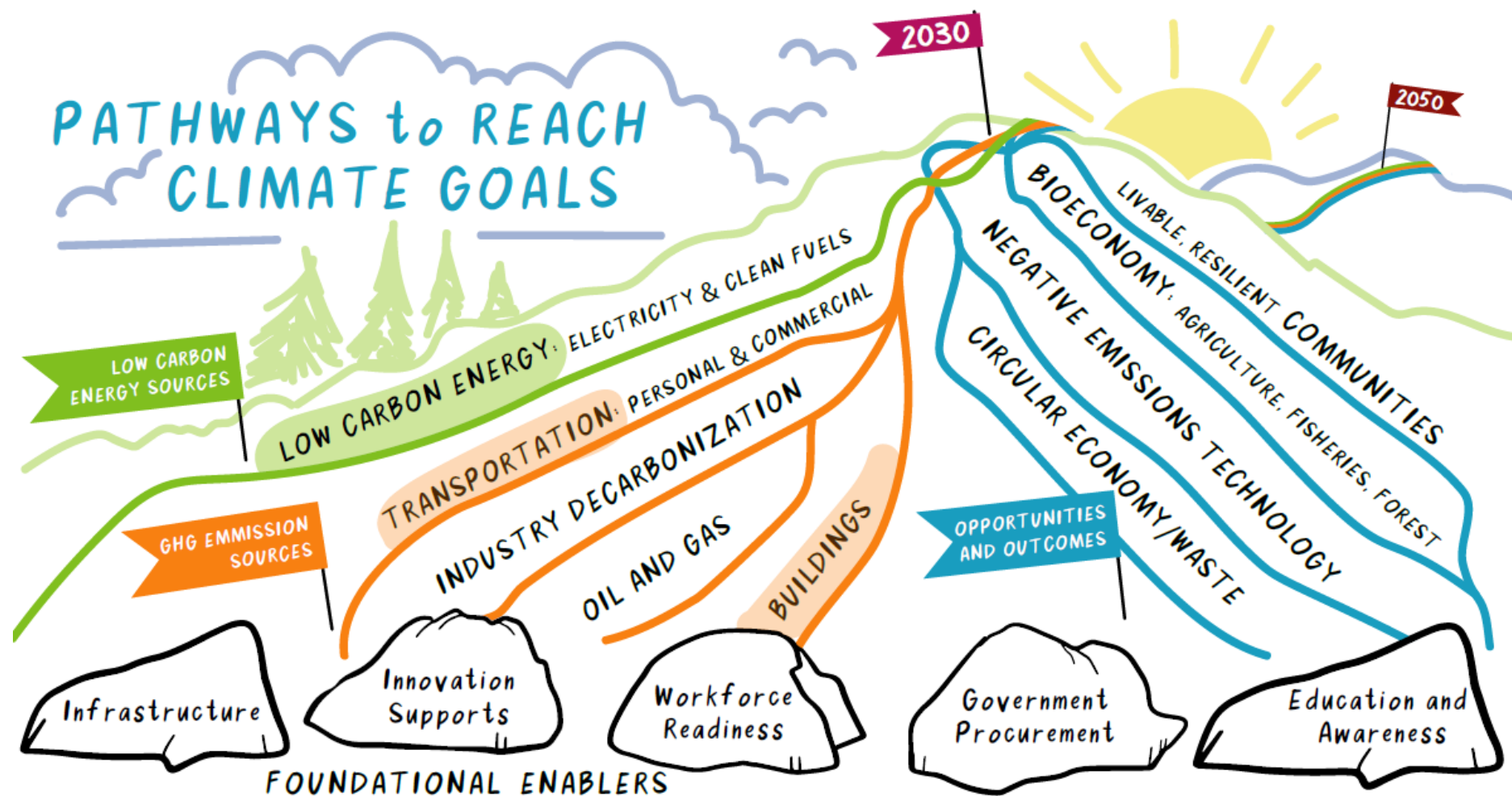
## Pathways will:

- Be designed to achieve our social, economic and environmental goals
- Illustrate where these goals are connected
- Focus on meeting our 2030 climate goals while keeping net zero by 2050 in mind
- Start from where we are today and lay out a range of options between now and 2030

*Together these pathways can support the economic and social priorities of the government, create wide climate action support, and minimize unintended consequences*



# THE 9 PROPOSED PATHWAYS



# WHY ARE WE GATHERING TODAY?



- Our work is grounded in the implementation of the *Declaration on the Rights of Indigenous Peoples Act* as the Province's framework for true, lasting, and meaningful reconciliation with Indigenous peoples and where Indigenous Rights and Title are acknowledged and respected
- We are here to listen, learn and create a space for Nations to share their learnings
- We recognize Indigenous communities are leaders and have knowledge to share in transitioning to a low-carbon economy. We want to ensure Indigenous peoples are well positioned to be leaders in the transition to a low-carbon economy
- These sessions are just one point in our continued conversation to collaboratively develop the new policy approaches required to get us to net zero





# LIVABLE, RESILIENT COMMUNITIES

## What we've heard:

- Build climate action mentorship between communities to support learning
- Indigenous peoples more involved in land and water use planning to address flood risk, drought and sea level rise, support emergency planning, address coastal erosion
- Support local food security, support for traditional food preservation, gathering, and hunting

## Indigenous communities are leading the way

- Kanaka Bar building affordable, energy self-sufficient housing and increasing community food security through food production, processing and storage.
- Tsleil-Waututh Nation is working on a Community Climate Change Resilience Planning process to prepare for, and to build climate change resilience in their community



Kanaka Bar Garden



# LIVABLE, RESILIENT COMMUNITIES PATHWAY



Planning and land use  
e.g.: complete, compact, energy-efficient communities



Infrastructure and services  
e.g.: natural assets



Clean Transportation



Buildings



Energy



Bioeconomy – agriculture and forestry



Waste



Governance and administration

**What actions will help achieve livable, resilient communities?**



# BUILDINGS PATHWAY

## What we've heard:

- Energy efficiency projects for homes and buildings (e.g. net-zero buildings, energy retrofits)
- Improving housing can increase climate resilience, health outcomes, and household income
- Interest in greater home retrofit support for Elders to allow Elders to age in home

## Indigenous communities are leading the way

- Doig River has designed an energy efficient "Passive House" for their community building
- Skidegate is lowering energy costs for members through energy saving upgrades like heat pumps



Doig River Cultural Centre – Passive House Project





# BUILDINGS PATHWAY

Buildings and Communities will be a key component of the Province's commitment to reduce emissions by 40% by 2030

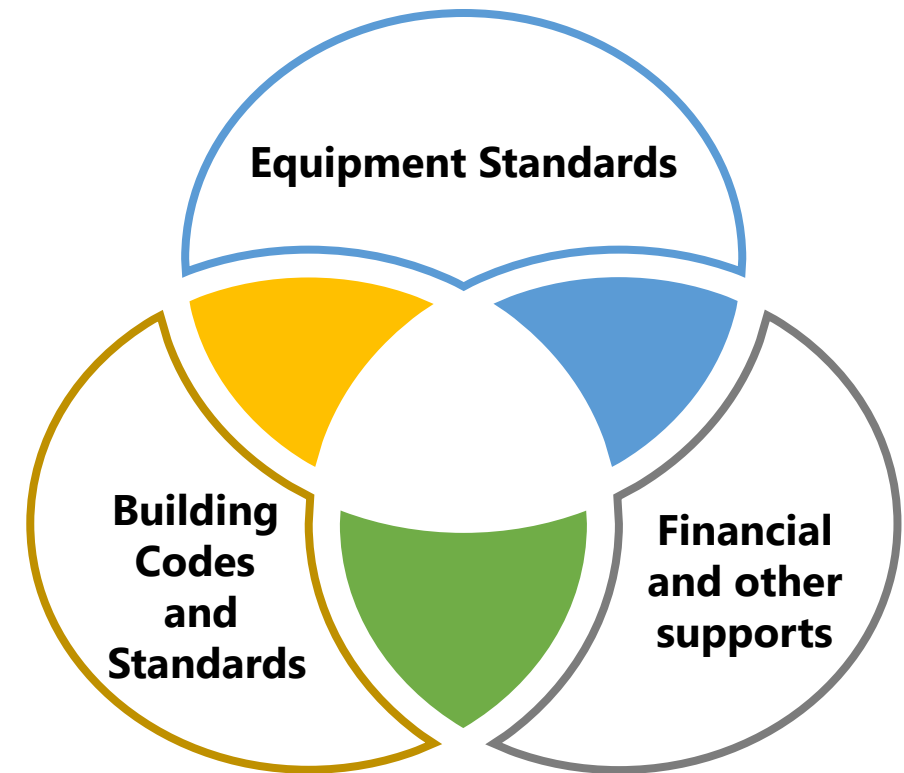
## Buildings and Homes are:

- Low Carbon
- Energy Efficient
- Affordable

By 2032, new buildings will be **80% more energy efficient** than a home built today.



## Provincial tools







# BUILDINGS PATHWAY

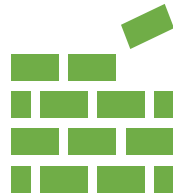
cleanBC



**Communities**



**Manufacturers  
and Retailers**



**Builders and  
Designers**



**Trades and  
Renovation  
Professionals**



**Building and  
Homeowners**



# TRANSPORTATION PATHWAY

## What we've heard:

- Support for different types of clean transportation (e.g. boats and off-road vehicles) that would better suit northern and remote living
- Importance of having access to safe and reliable public transportation, bike paths and walkways
- Potential economic opportunities through charging station installation
- Conversion of public transportation and fleet vehicles to ZEVs

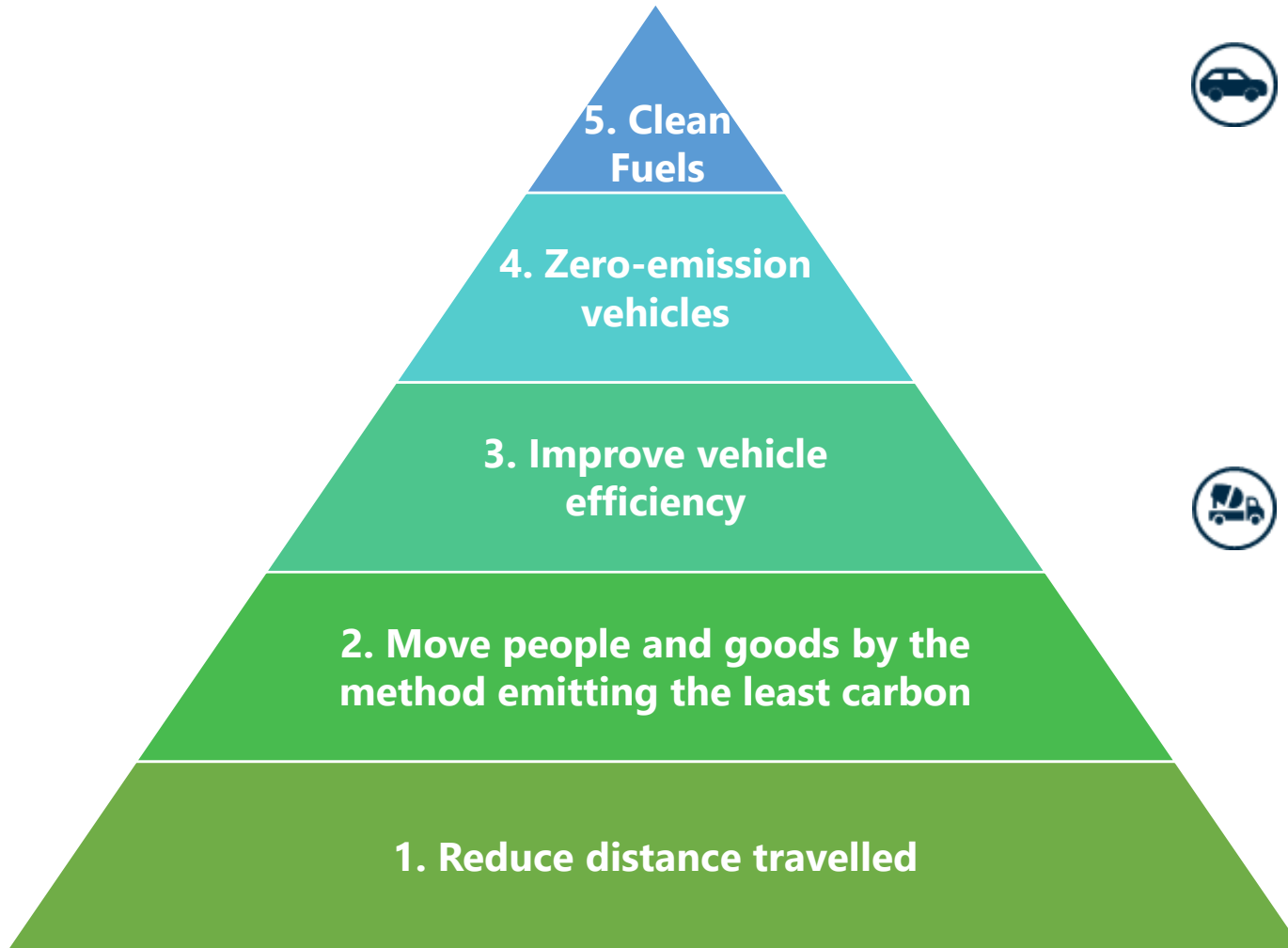


## Current CleanBC Programs that offer enhanced Indigenous funding opportunities:

- Go Electric Home and Workplace Charger Rebates
- Go Electric Public Charger Program
- Go Electric Fleets Program
- CleanBC Heavy-Duty Vehicle Efficiency Program
- B.C. Active Transportation Infrastructure Grants Program



# TRANSPORTATION PATHWAY



## Personal Travel

- Complete, compact energy efficient communities
- Sidewalks, bike paths, transit/bus service, carpool/carshare and telecommuting options
- Electric vehicles and charging/fuelling stations readily available
- Remaining fuels are low carbon



## Commercial Transportation

- Move freight by lowest carbon option (could be electric trucks, train, ship, or cargo bike)
- Improve vehicle efficiency through driver training, improved maintenance, etc.
- Commercial electric vehicles and charging/fuelling stations readily available
- Remaining fuels are low carbon





# CIRCULAR ECONOMY & WASTE PATHWAY

## What we've heard:

- Many principles, values and beliefs held by Indigenous peoples align with CE, e.g. importance of using fully all that you take, "seven-generation model", systems based holistic thinking
- Strong interest in composting and waste reduction by supporting food security through community gardens, sharing food preservation techniques

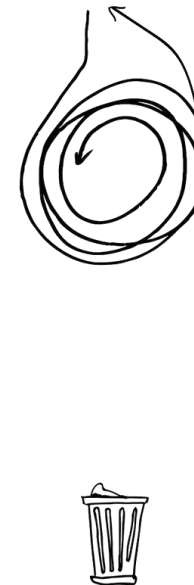
LINEAR ECONOMY



RECYCLING ECONOMY



CIRCULAR ECONOMY



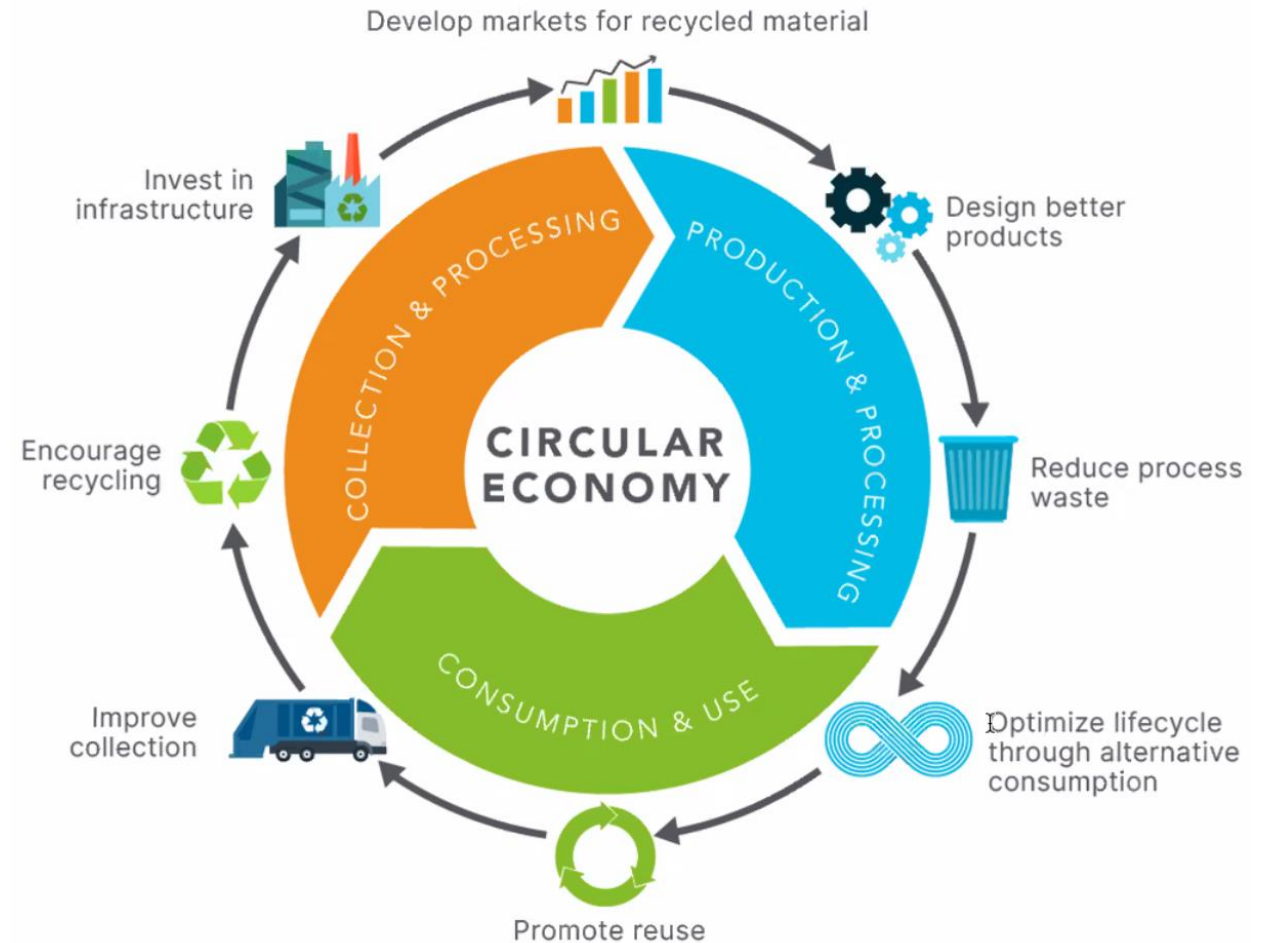


# CIRCULAR ECONOMY & WASTE PATHWAY

Economic development designed to benefit businesses, communities and the environment

## Principles

- **Reduces resource consumption** and designs out waste, harmful chemicals, and pollution from products and services.
- **Keeps products and materials at their highest value** and in use as long as possible.
- **Regenerates natural capital** while preserving ecosystems.





# CURRENT PROGRAMS & OPPORTUNITIES



## Food Systems and Agriculture

- Food waste prevention: education and skills training (e.g., food storage, planning, curing, etc. )
- Food recovery: surplus food redistribution from grocery/retail, processors, farms, etc.
- Food utilization: food by-products to create new food products, materials, animal feed, etc.
- Recycling and composting: Organics Infrastructure and CleanBC Organic Infrastructure & Collection Funding Programs to support composting and returning nutrients to the soil
- Link to food security programs



## Plastics

- Phasing out unnecessary single-use plastics
- Adding new products to extended producer responsibility programs (EPR) that make producers responsible for recovering and recycling more plastics
- Economic recovery funding: Clean Coast, Clean Waters Funding for shoreline clean-up and derelict vessel removal
- Economic recovery funding: CleanBC Plastics Action Fund supporting remanufacturing or recycled plastic into new products
- Development of recycled content standards



## Forestry and Bioeconomy

- *Wood First Act*, BC Indigenous Forest Bioeconomy Program
- Mass Timber construction and engineered wood products
- Building deconstruction and timber reuse
- Bio-based materials and products (e.g., textiles, biochemicals, bioplastics)



## Industry (e.g., Mining and Metals)

- Reduce/recycle mine site waste streams (e.g., extracting more value out of tailings)
- Precision mining
- Material stewardship (e.g., lifecycle approach to materials)



QUESTIONS?

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[www.cleanbc.gov.bc.ca/](http://www.cleanbc.gov.bc.ca/)

# BC COMMUNITY CLIMATE FUNDING GUIDE

for Indigenous communities &  
local governments

*An all-in-one online guide  
to funding climate action projects  
in your community*

## YOU SPOKE, WE LISTENED

Since 2011, the Province of B.C. has updated a clean energy funding guide that helps Indigenous communities and local governments in British Columbia find appropriate funding to support energy planning, energy efficiency, and clean energy generation projects. We're responding to the feedback that it is difficult to find funding for climate related projects. We've expanded the scope of the funding guide and created **a new website to simplify the search for available funding** for local governments and Indigenous communities.

**WEBSITE COMING SOON!**

## WHAT TYPES OF PROGRAMS ARE LISTED?



### CLIMATE PREPAREDNESS & ADAPTATION

Funding to help Indigenous communities and local governments prepare for and respond to wildfires, drought, floods and other impacts of climate change.



### COMMUNITY INFRASTRUCTURE

Funding to help cover the costs of building sustainable communities, including waste facilities, transportation systems and community buildings.



### SUSTAINABLE TRANSPORTATION

Funding to help pay for bike lanes, charging stations, and other projects that will encourage the use of zero-emission vehicles and active transportation (like cycling and walking).



### CLEAN ENERGY

Funding for energy efficiency, fuel switching and renewable energy projects that will help Indigenous communities and local governments move to cleaner sources of fuels.

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# ENOWKINWIXW PROCESS

Self-identified perspectives to facilitate dialogue

## Tradition

This might be you if:

- You like to share stories
- You want to share the big picture
- Sharing how things have been done in the past is important to you

## Action

This might be you if:

- You like coming up with Next Steps and To Do lists
- You're eager to get started
- You like to understand the sequence of how things will happen



## Relationship

This might be you if:

- You like connecting people
- You ask "who's missing?"
- You focus on making connections between topics

## Innovation

This might be you if:

- You like to try new ways of doing things
- You like to understand the big picture and ask questions
- You're not sure where you fit