

cleanBC

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

ROADMAP TO 2030 AND BEYOND
JUNE 29, 2021



Session 1
Communities
June 25



Session 2
Bioeconomy, Agriculture
& Technology
June 29



Session 3
Low Carbon Energy
& Industry
July 6



Session 4
Wrap up &
Reporting Back
July 8



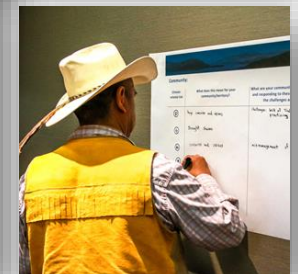
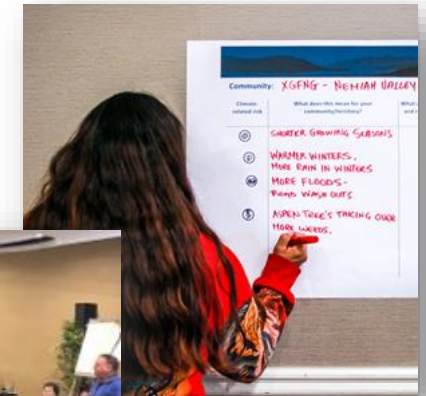
WHAT IS CLEANBC?

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

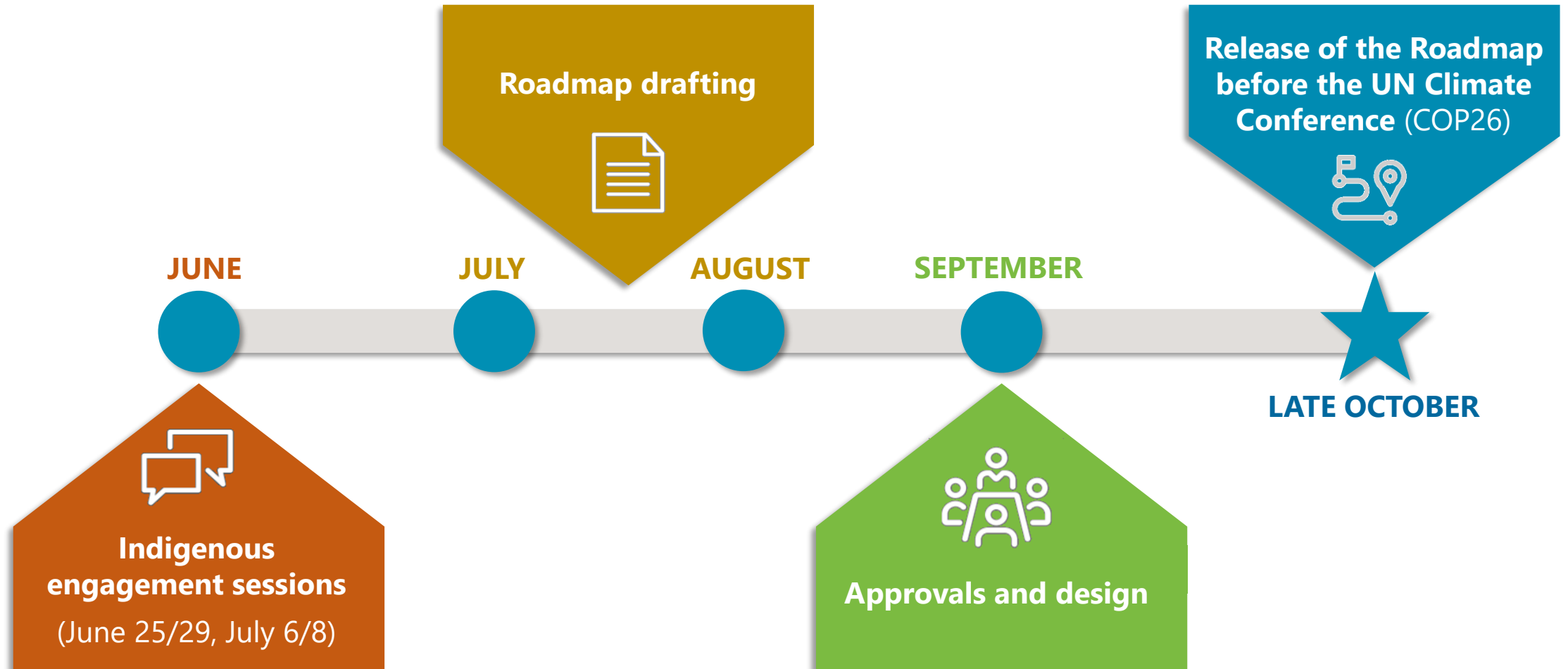
The Roadmap aims to:

- 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



BIOECONOMY, AGRICULTURE, FISHERIES, FORESTS

What we've heard:

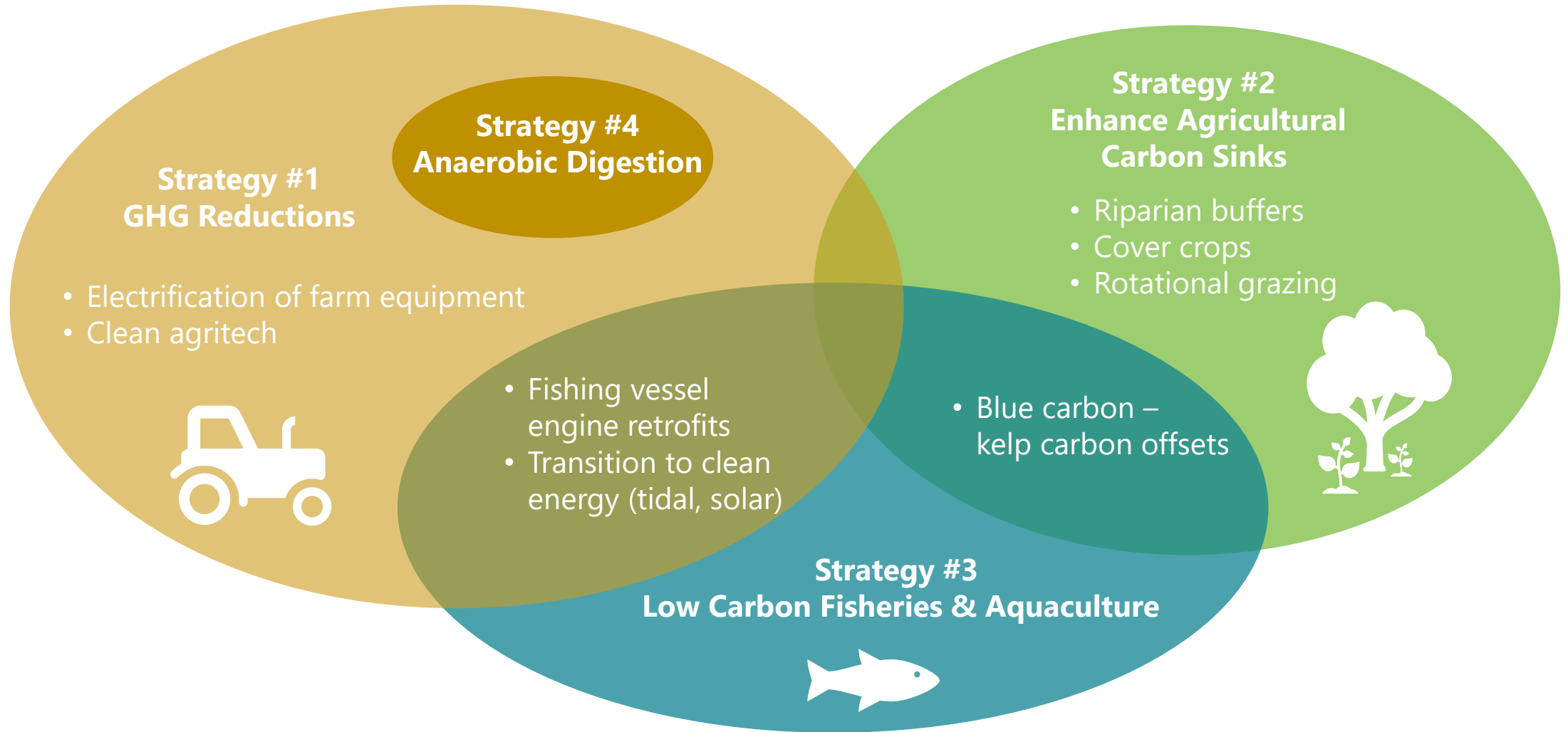
- Some Nations feel nature-based solutions align with sustainable Traditional Ecological Knowledge principles
- Many Nations trying to balance environmentally sustainable industry with economically sustainable industry
- Climate change is directly impacting Indigenous food security and food sovereignty
- Strong interest in supporting local food security through community gardens, hydroponics, and support for traditional food preservation, gathering, and hunting
- Desire to see support for economic activities related to the Indigenous food economy

Currently, the Ministry of Agriculture, Food and Fisheries is supporting several initiatives focused on Indigenous food security and food sovereignty





BIOECONOMY, AGRICULTURE, FISHERIES, FORESTS





FOREST BIOECONOMY

Storing / Sequestering carbon

+

Reducing emissions

in B.C.'s forest carbon sinks



Reforestation, fertilization, road rehabilitation, and forest health projects all contribute to growing and caring for our forest carbon sinks

in bioproducts

- Packaging & coffee cups
- Kitchen & toilet paper
- Greaseproof paper
- Magazines
- Ice Cream
- T-shirts & textiles
- Instruments, loudspeakers, wearable technology
- Perfume
- Paint
- Tires
- Glue
- Mould
- Fertiliser



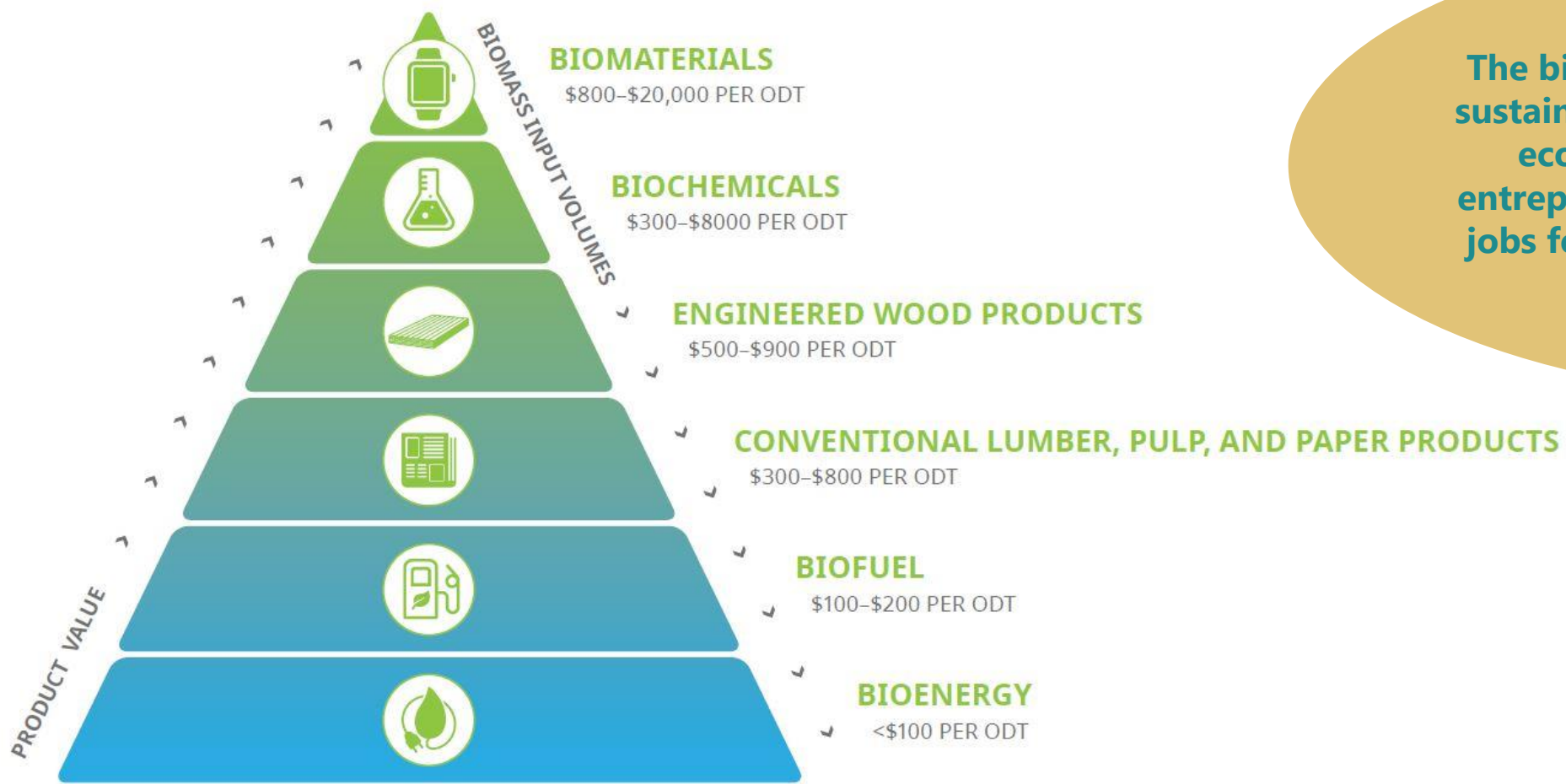
Innovation to create new bioproducts from residual forest fibre creates economic opportunities and substitutes from more emissions intensive products



Minimizing slash pile burning reduces emissions from forestry



FOREST BIOECONOMY



The bioeconomy can support the sustainability of local and regional economies while providing entrepreneurial opportunities and jobs for Indigenous communities across B.C.



NEGATIVE EMISSIONS TECHNOLOGIES (NETs) cleanBC

What we've heard:

- Potential opportunity for NETs to support Indigenous stewardship programs
- Support for updating forestry management practices by adding climate change lens, regularly revising forest management practices
- Some Nations support protecting and restoring natural areas such as forests to use as carbon sinks

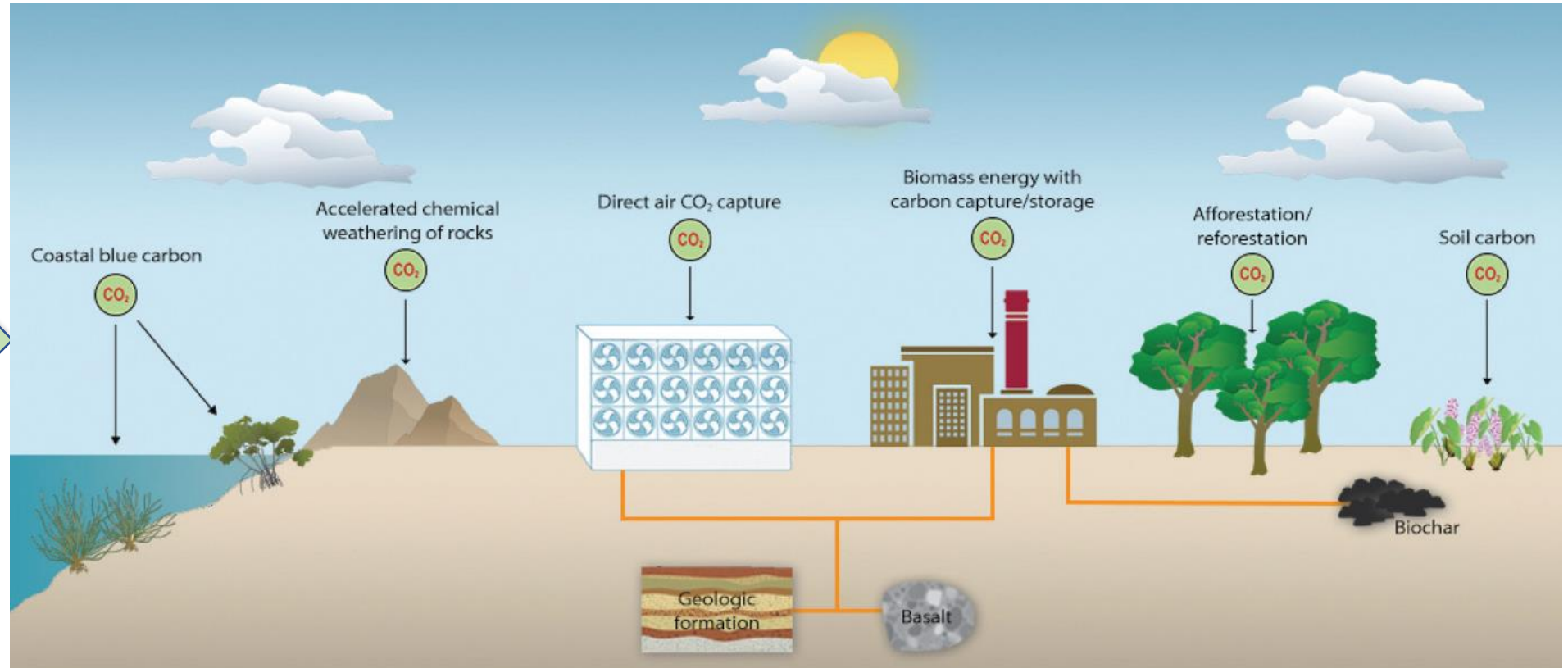




NEGATIVE EMISSIONS TECHNOLOGIES (NETs) cleanBC

What are NETs?

NETs extract CO₂ from the atmosphere and store it in terrestrial, ocean or geological reservoirs



NASEM, NETs: A Research Agenda (2019)

NETs are included in the Roadmap under two pathways:

- **NETs pathway:** technologies that capture CO₂ (direct air capture and biomass energy with carbon capture and storage), and geological and mineralization storage
- **Bioeconomy, agriculture, fisheries, forests pathway:** storage in soil, coastal blue carbon, and forests



APPROACH TO NETs PATHWAY

2030 Vision

B.C. based NETs are piloted by 2030; and deployed to provide cost-effective, permanent reductions needed to achieve climate targets by 2050.

What to consider to support a NET?

- Meaningful engagement with communities, NETs deployment should be equitable and socially sustainable
- Potential impacts and trade-offs, land & environmental conservation
- Good jobs
- Affordability & costs
- Synergies with other strategies and regulatory frameworks

How will Government support NETs development?

Investment in Research & Development, pilot, demonstration, and commercial scale projects

Other fiscal tools – carbon tax, procurement, tax measures

NETS offsets protocols

Workforce programs development

QUESTIONS?

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HEALTH BREAK

We're returning to session at

ADD TIME



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

Relationship

This might be you if:

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

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



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

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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