

COMMUNITIES & FIRST NATIONS IN THE FUTURE OF BC'S ENERGY SYSTEM

September 14, 2022



University
of Victoria

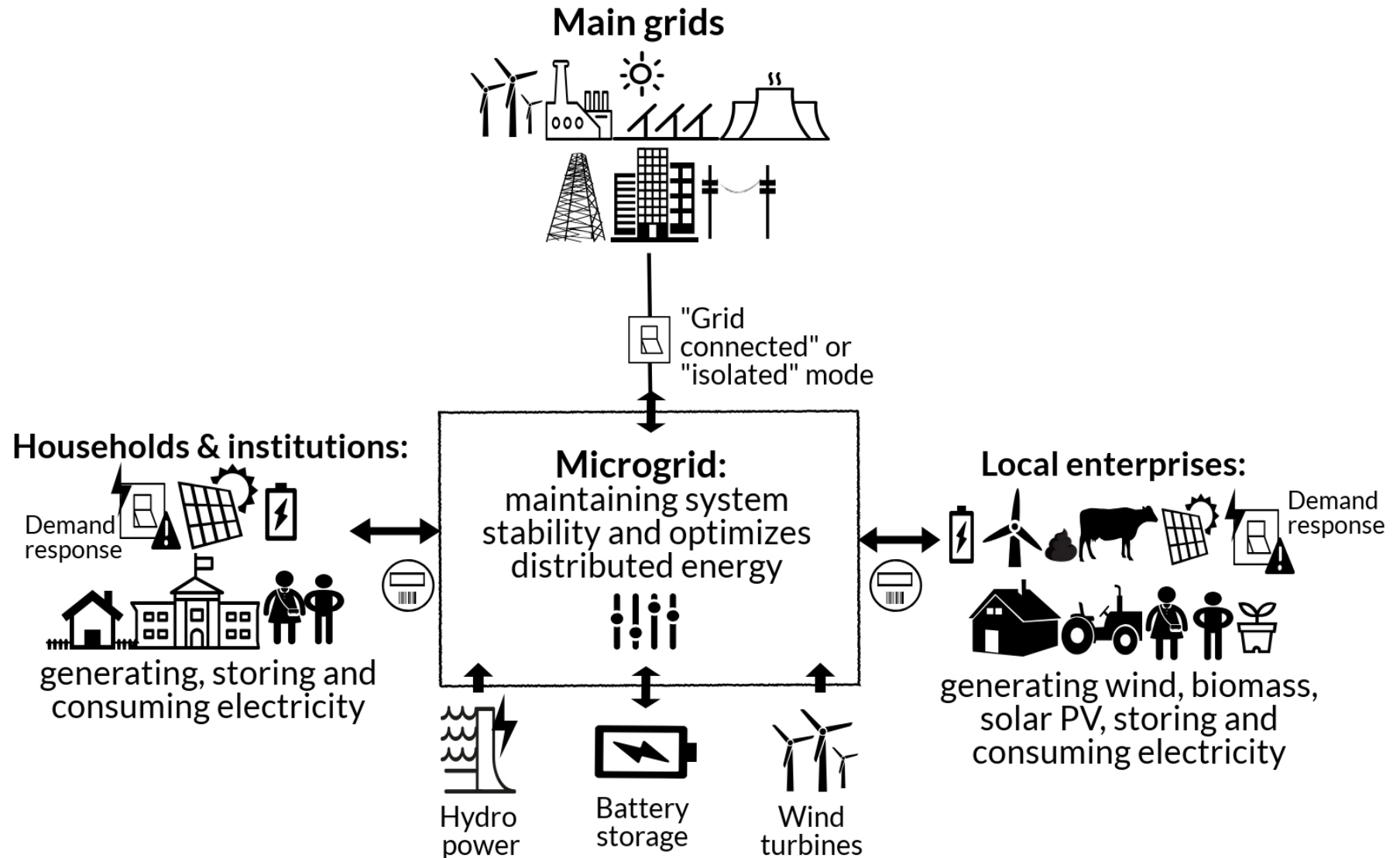


Renewable Energy and Local Economic Development

UBCM Convention
September 14 2022

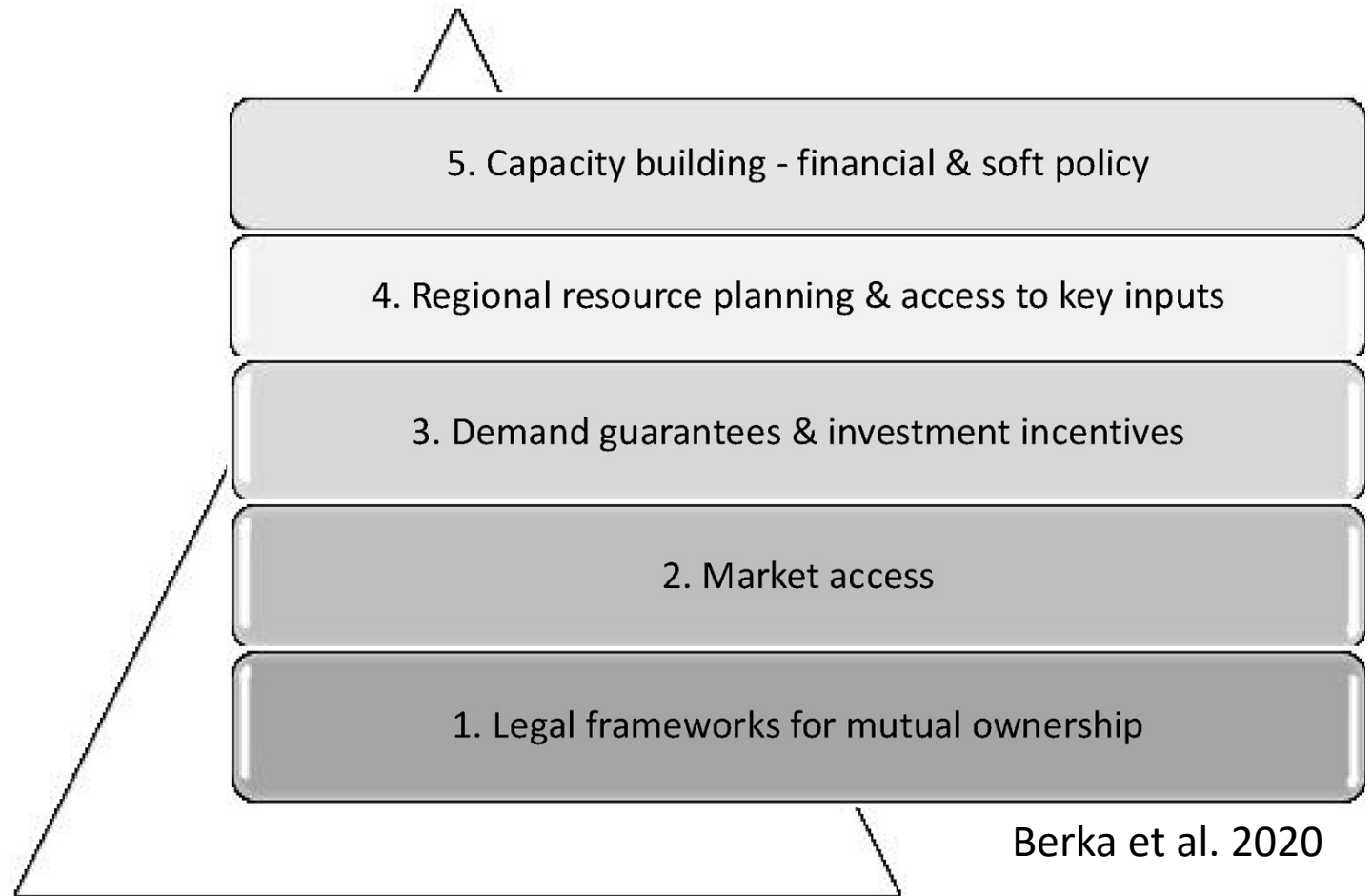
Dr. Christina Hoicka, Canada Research Chair in Urban Planning for
Climate Change, Associate Professor in Geography and in Civil
Engineering, University of Victoria

Renewable Energy Clusters

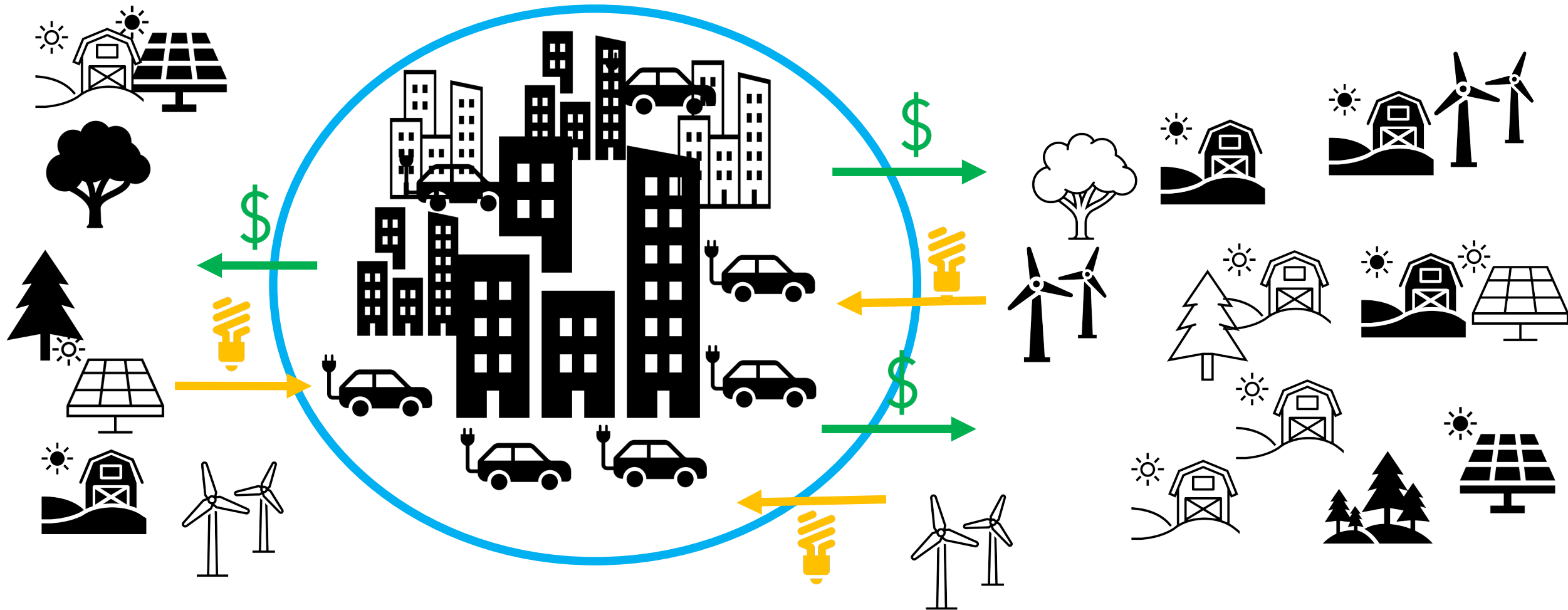


Inclusive Policy Mixes

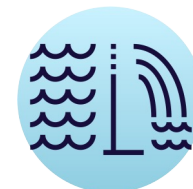
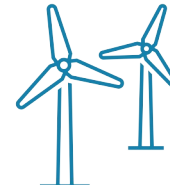
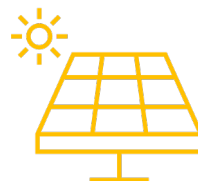
- Ensures financial viability
- Encourages benefits to communities
- How do we design institutions that support inclusive energy?
- How do we engage decision makers?
- How do we measure, predict and communicate the benefits of inclusive renewable energy?



Geography of Energy Transitions: Renewable Energy Transitions are Regional



- BC's voice of Independent Power for over 25 years
- 130 members: independent & Indigenous producers, service companies, academic institutions



INDEPENDENT POWER PRODUCERS

- 123 projects across BC,
~ 20% of BC market
- >\$10B capital invested to-date
- Economic contributions to
local and provincial economy
- No ratepayer/taxpayer risk
- Cost competitive



No Current Opportunities

No opportunities for Independent or First Nation power projects to sell power to BC Hydro or to anyone else



COMMUNITIES AND FIRST NATIONS IN BC'S CLEAN ENERGY ECONOMY



**Window of opportunity for BC
Communities**



**Broad trends towards GHG
reduction,
electrification targets**



**Widely held expectation that BC will
need more energy and capacity IF
we meet our climate targets**

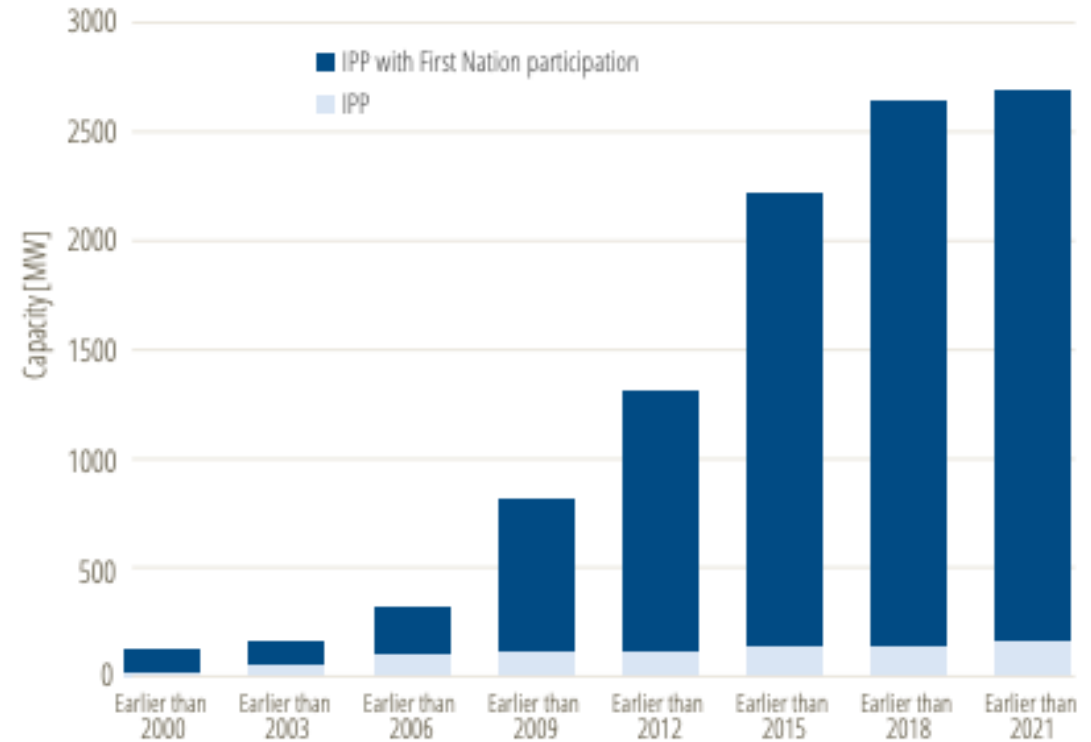


**BC seeking to advance
reconciliation with First Nations
and support economic recovery**

POWERING INDIGENOUS RECONCILIATION

About 90% of BC's renewable energy projects have First Nations participation

- full owners
- equity partners
- royalty agreements





Clean Energy BC

FIRST NATIONS ENERGY SUMMIT 2021



NEW RELATIONSHIP TRUST

INVESTING IN FIRST NATIONS IN BRITISH COLUMBIA

2019
2020
2021

BC COMMUNITIES IN THE CLEAN ENERGY ECONOMY



NEW RELATIONSHIP TRUST
INVESTING IN FIRST NATIONS IN BRITISH COLUMBIA

PEMBINA
institute

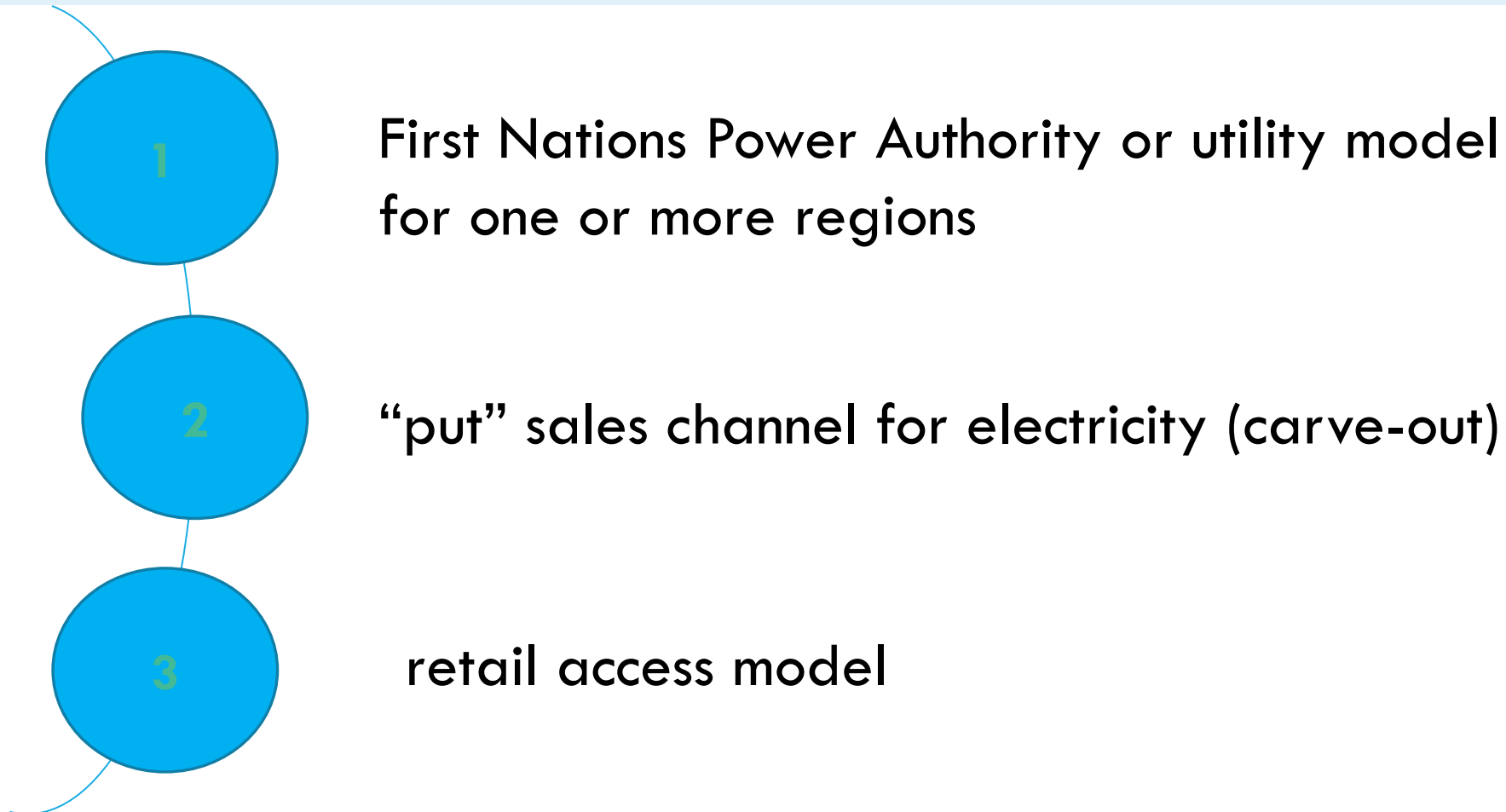


**University
of Victoria**

*NRT and CEBC
are engaging 92
First Nations and
Indigenous
organizations*

BC COMMUNITIES IN THE CLEAN ENERGY ECONOMY

Based on the intentions expressed by First Nations through engagement process, NRT developed three renewable energy policies



NEXT STEP

NEXT STEP

NEXT STEP

COMMUNITIES AND FIRST NATIONS IN BC'S CLEAN ENERGY ECONOMY

- Conduct more detailed research on renewable energy in local communities: socio-economic, qualitative
- Collaborate with municipalities – common objectives, potential for working together
- Advocacy



What community and regional-level resources can be leveraged for decision-making and building institutional capacity?



What information do you need to inform and improve decisions related to renewable energy and local economic development?



What are the barriers to accessing these resources and information?

An abstract graphic featuring a central magenta circle with the text "THANK YOU" in white. This central circle is surrounded by several other circles in blue and yellow, some of which overlap. A dotted line forms a partial arc around the top and right sides of the central circle.

THANK YOU