



## Symposium: Making The Links 2018 – Kanaka Bar Sustainable Food Systems

November 5<sup>th</sup>, 2018

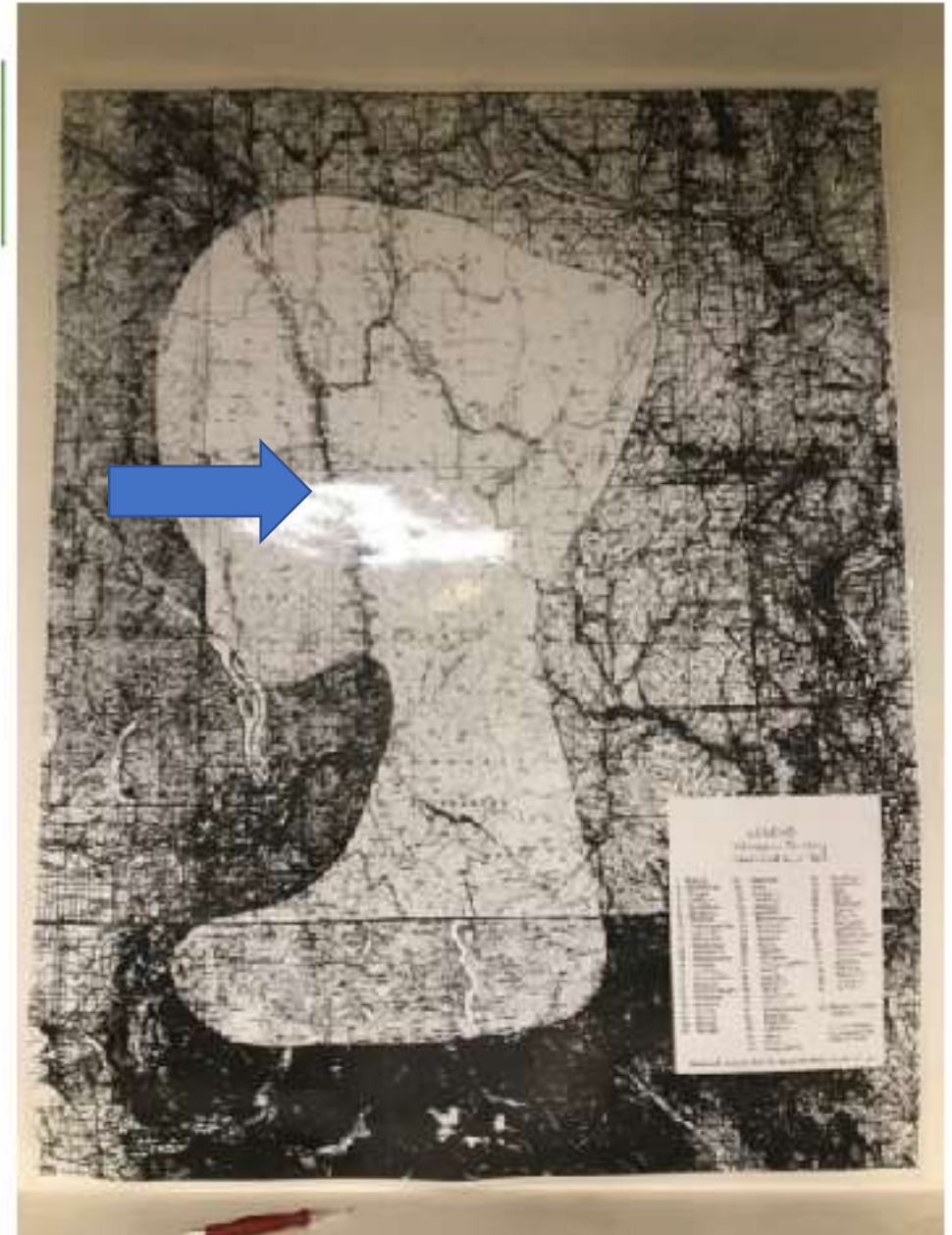
- Chief Patrick Michell & Aaron Coelho

**URBAN**  
systems



# Kanaka Bar Indian Band

- North end of the Fraser Canyon
- 14 km South of Lytton on Highway 1
- Archaeology: shows 7000+ years of continuous year round occupation
  - Shelters - located near water courses
  - Excavation reveals tools, fruit, vegetable and meat uses going back millennia
- For 7000+ years, a stable quality of life



# Kanaka Bar

## A wholistic View in regards to Quality of Life

### Finding the Balance



### Stability and Certainty

- Food
- Air
- Water
- Shelter

Kanaka Bar intuitively knows and accepts that climate change is occurring and all are observing site specific changes to the land and ecosystems that have supported the community for generations.



# Kanaka's Four Self-sufficiency Goals

## 2015 Community Vision Statement

To become a self-sufficient, sustainable and vibrant community!

Has evolved into 4 intertwined goals

### Employment & Community Readiness

- Office
- Field
- Commercial
- Retail

### Food

- Meats
- Fruits
- Vegetables
- Beverages

### Energy

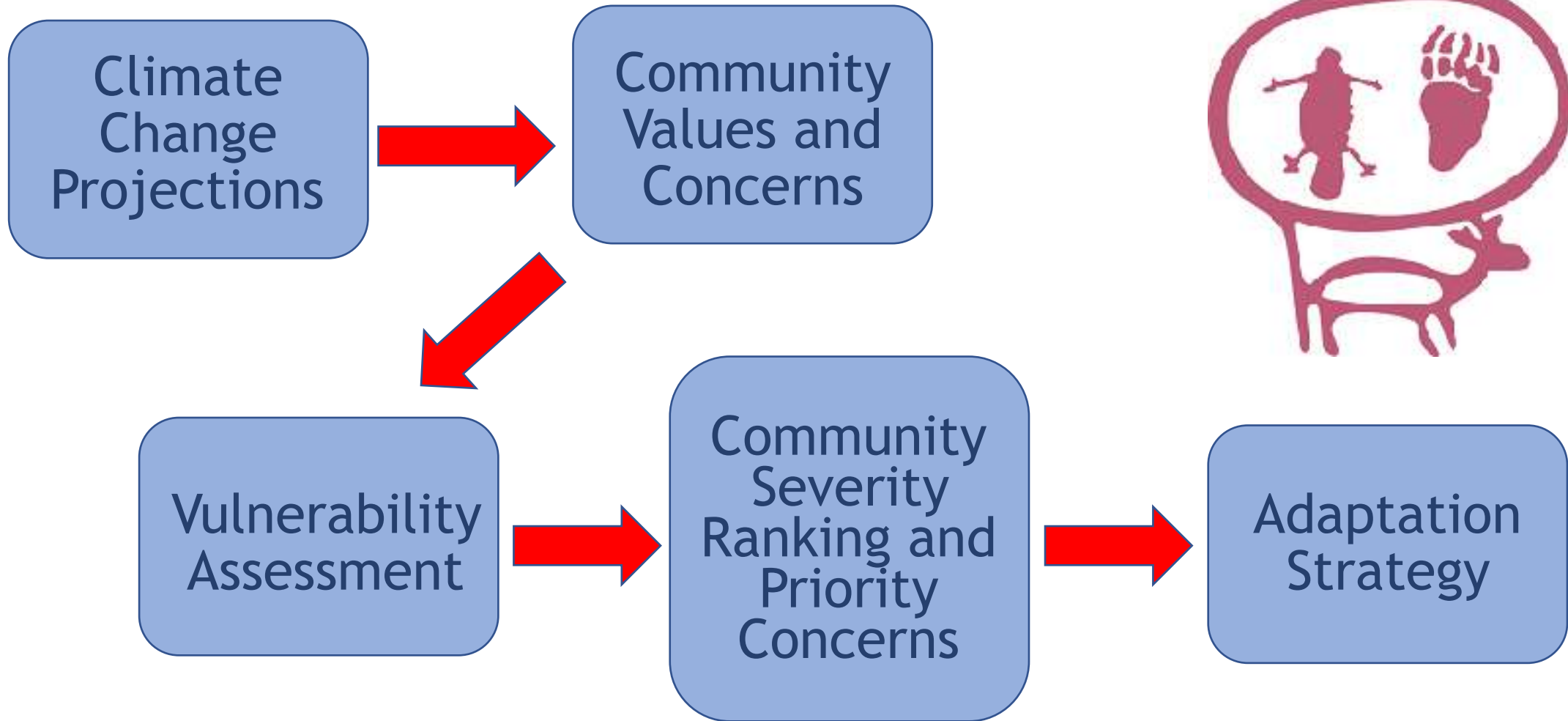
- New builds
- Renovations
- Demand-side management
- Production

### Financial

- Royalty
- Taxation
- Revenue Sharing Agreements
- Business Revenues



# Climate Change Vulnerability Assessment and Adaptation Strategy



# Greatest Vulnerability and Highest Community Priorities

- Water Resources
- Forest Fires
- **Traditional Foods**
- Access Roads



# Global Food Market

- Do we have food certainty & stability?
- What determines the “price” of food?
  - <https://www.theglobeandmail.com/report-on-business/economy/annual-food-bill-for-canadian-family-in-2018-expected-to-rise-by-348-study/article37311778/>
- Is our monthly income matching the rising costs of food, rent and hydro?
- Is BC a net food importer?
- How many days “food stock” do our retailers actually carry? <https://www.cbc.ca/news/canada/north/highway-closure-sparks-questions-about-food-security-1.1132731>



Gregor Peter  
@L0gg0l



It's starting in Venezuela: Major shortages of basic goods, supermarket shelves empty (via @Betticaa ) #inflation



# Food Self-sufficiency Strategy

## 1. More than food production!

- It's a 5 step holistic cycle

## 2. Feasibility and planning!

- see fostering food self-sufficiency online at:  
<http://www.kanakabarband.ca/downloads/berezan.pdf>

## 3. Community development!

- Kanaka will learn to focus our energy and develop incrementally

## 4. About making decisions and change!

- Kanaka will live with our successes and learn from our mistakes.





# Community Food Forest

## Vegetables, Fruits and Medicines

- Everything in one spot!
- Made a plan and implemented (currently in 2<sup>nd</sup> year).
- Planting, harvesting, processing, eating, celebrating and selling surplus.
- Waste is composted.

### Goal

1. Intensify "Food Forest".
2. Expand Food Forest to more community public spaces.
3. Expand to membership homes (those who want it).

September 2018



# Green House

Solar Thermal: to maintain a static internal growing environment (warm in winter and cool in summer).

This is not a Walmart/Canadian tire special.

## Goal

1. Year round supply of fresh fruits, vegetables and medicines.
2. Root stock and seedlings for field and orchards.
3. Expand to more or larger when and if needed.



Ribbon Cutting: September 20, 2018



# Bees

From 1 hive in 2017 to 4 in 2018....

- Bring in the pollinators
  - for our fruits and vegetables
- Producing honey & beeswax

## Goal

Not going to compete with the stores, but make available a product for residents, visitors and Lytton?



# Chickens

From 24 in 2017 to 50 in 2018....



## Goal

1. learn everything we can about “ranching”
2. Start small and scale up!
3. Looking at goats, deer and pork.



# Youth Engagement

- Kanaka Bar youth employment program
- Every year Kanaka employs regional youth in the office and in the field
- The youth are the future of all our communities



# WHAT YOU DO TO THE LAND, YOU DO TO YOURSELVES



**WHO:** Kanaka Bar is engaged as a community.

**WHAT:** Doing community based agriculture.

**WHERE:** On our land and resources.

**HOW:** One step at a time.

**WHY:** For the environment/economy of tomorrow!

Any question?

Email: [chief@kanakabarband.ca](mailto:chief@kanakabarband.ca)

Website: <http://www.kanakabarband.ca/>

