# Climate & Culture Informed Food Distribution Model with the First Nation of Na-Cho Nyak Dun

Melissa Carvalho, Department of Neuroscience, Carleton University Ben Koskowich, Department of Industrial Design, Carleton University

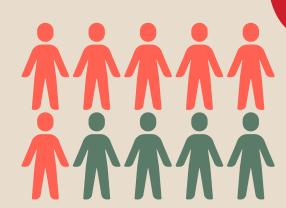
### BACKGROUND

The First Nation of Na-Cho Nyak Dun (FNNND) is a self-governing nation located in Yukon.

The community is working towards regaining and maintaining food sovereignty



First Nations regional health survey found that 54.2% of onreserve households were food insecure.



That equates to nearly 6 out of 10 households struggling with food insecurity.



## PROJECT COALS

This project aims to design a food distribution system that promotes:

- Sustainability
- Food sovereignty
- Knowledge Sharing
- Cultural Integration
- Climate-informed practices
- Sense of collective identity

Proposed Food and Knowledge Sharing System









Infographic Design: Leenah Abdelrazeq, The CHAIM Centre, Carleton University

### OUR APPROACH

In order to inform the distribution system, the FNNND provided the audio cassettes of Elder interviews conducted in the 1990s. These tapes were transcribed with the goal of highlighting their visions and concerns in relation to the land and future generations.





Being on the land, caring for it and living off it

# Knowledge & Resource Sharing



Sharing the land and resources, and passing knowledge to the next generation



#### KEY EMERGING THEMES

In the tapes, the Elders expressed the importance of :



# Colonial Influence & Change



Colonial impacts to their ways of life and the land, and their desire to resist these changes

#### Looking into the Future



Reconnecting with traditional knowledge and practices

# IMPLICATIONS & CONCLUSION

The results convey that the stories of Elders can inform current and future community initiatives. Their stories give insight into how food sovereignty projects can promote community health and well-being.



Infographic Design: Leenah Abdelrazeq, The CHAIM Centre, Carleton University