Meeting the Human Resources Challenges of Northern Transportation









Acknowledgements

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Disclaimer

The ideas and proposals advanced in this presentation are the results of my futures work at AITF and elsewhere. They do not represent policies, positions or commitments of the Government of Alberta or AITF.



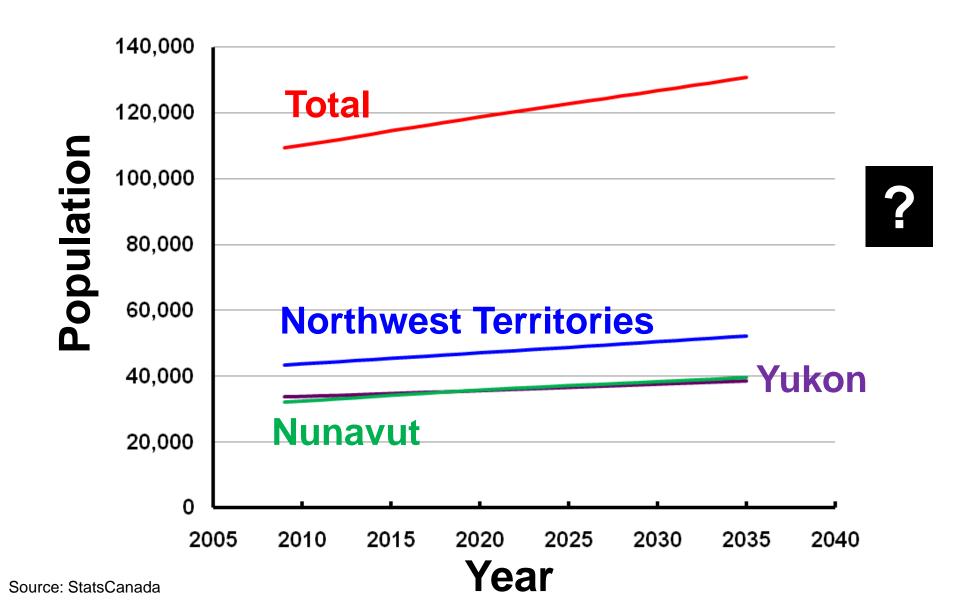




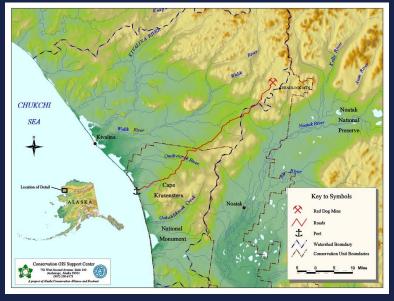
Innu School Question: How to Protect Offshore Oil Platforms Against Icebergs



Northern Canadian Populations



Transportation: Minerals Red Dog Mine (Alaska, USA)







Transportation: Minerals Red Dog Mine (Alaska, USA)





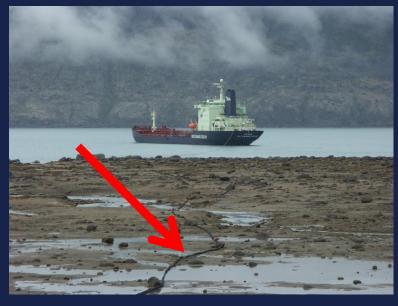




Transportation: Pangnirtung (Nunavut, Canada)



Transportation: Fuel and Goods Pangnirtung (Nunavut, Canada)









Transportation: Fish Pangnirtung (Nunavut, Canada)









Transportation: Fish Pangnirtung (Nunavut, Canada)









Transportation: Fresh Fish Pangnirtung (Nunavut, Canada)







Transportation: People Pangnirtung (Nunavut, Canada)







Transportation: Tourists Auyuittuq National Park (Nunavut)









Pangnirtung, Tourists Auyuittuq National Park (Nunavut)



Northern Transportation: Emerging Modes – Railways, Ships

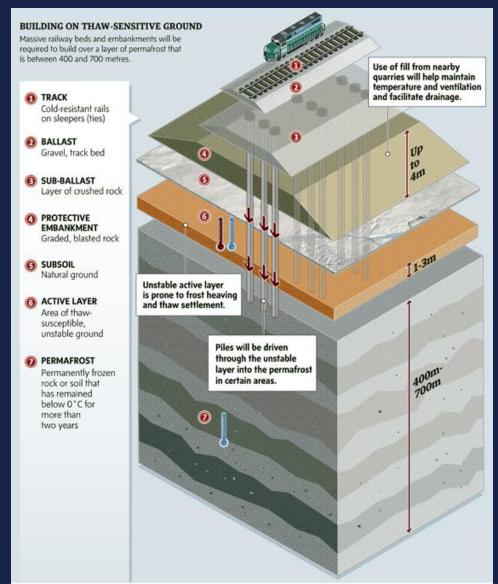








Northern Transportation: Emerging Modes – Railways



Northern Transportation: Emerging Modes – Ships



Northern Transportation: Emerging Modes – Airships/Hybrids



~40 t lift capacity



Transportation Education: Motivation through Experiential Learning









Transportation Education: Simulation







Transportation Education: Simulation







Bridge Simulator for Harsh Environments Marine Institute, Memorial University of Newfoundland

Transportation Education: Distance Learning for Northerners



Proposal #1: Provide Professional Transportation Programs for Northerners

Focus:

- Experiential Learning
- Simulation-rich
- Distance Learning
- Business and Technology
- Creativity





THE VAN HORNE INSTITUTE

Proposal #2: Articulate and Share the Higher Purposes of Northern Transportation



Proposal #2: Articulate and Share the Higher Purposes of Northern Transportation



Meeting the Human Resources Challenges of Northern Transportation

Northern Transportation Conference: Circumpolar Challenges and Opportunities Anchorage, Alaska, USA, September 18 - 20, 2011





Axel Meisen, CM, PhD, PEng, FCAE, FCIC, FIEI
Chair of Foresight
Alberta Innovates – Technology Futures, Edmonton, Alberta, Canada

