

SmartICE Sea Ice Monitoring & Information -Adapting to Climate Change

Transport Canada Adaptation Webinar Series



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Hosts: Carolann Harding & Andrew Arreak

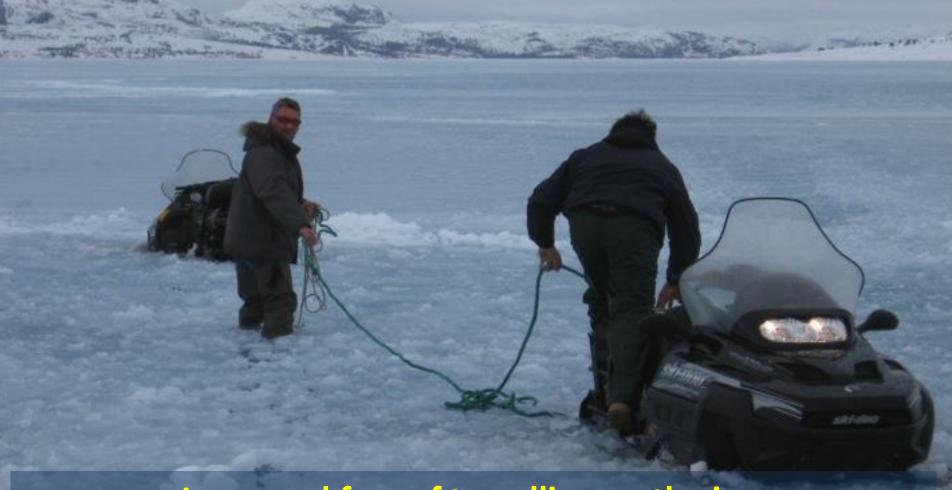








Living with climate variability & change



Increased fear of travelling on the ice: in 2010 75% of people surveyed could no longer predict ice conditions and 1 in 12 had fallen through the ice.







SmartBUOY



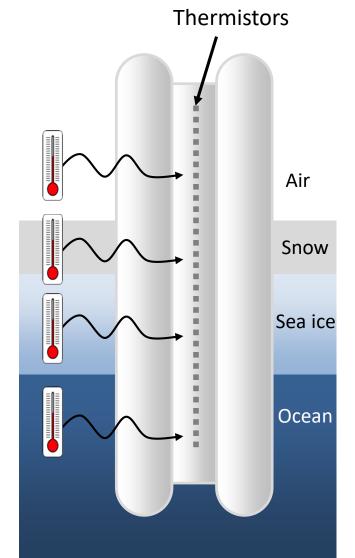






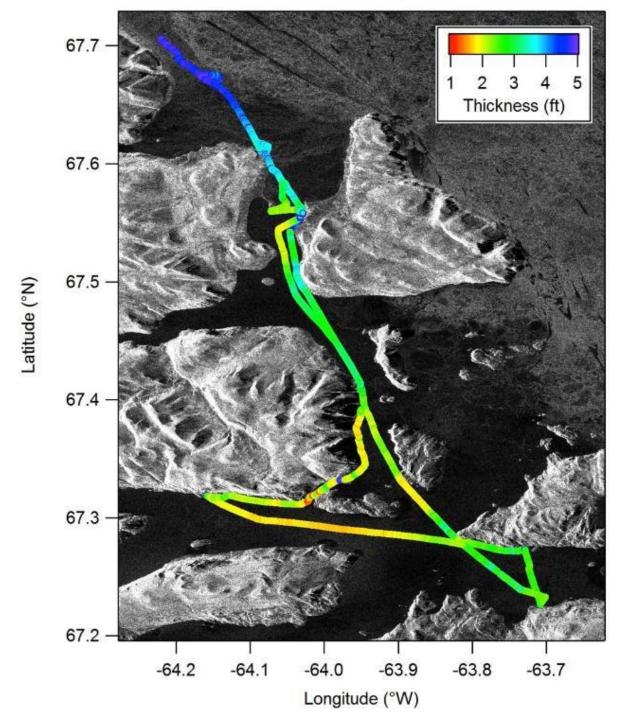
sea-ice thickness sensor



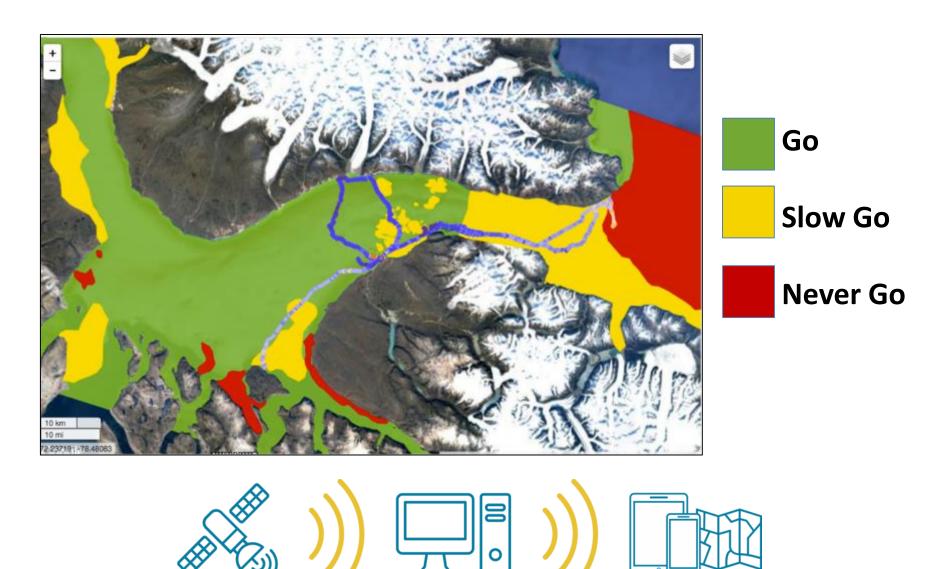








Combining local knowledge and satellite imagery to produce Inuit-relevant sea-ice travel hazard maps



Communicating SmartICE information

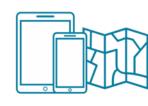










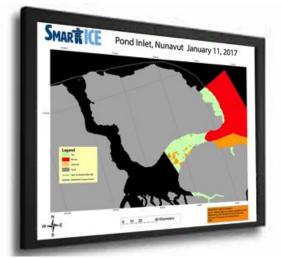








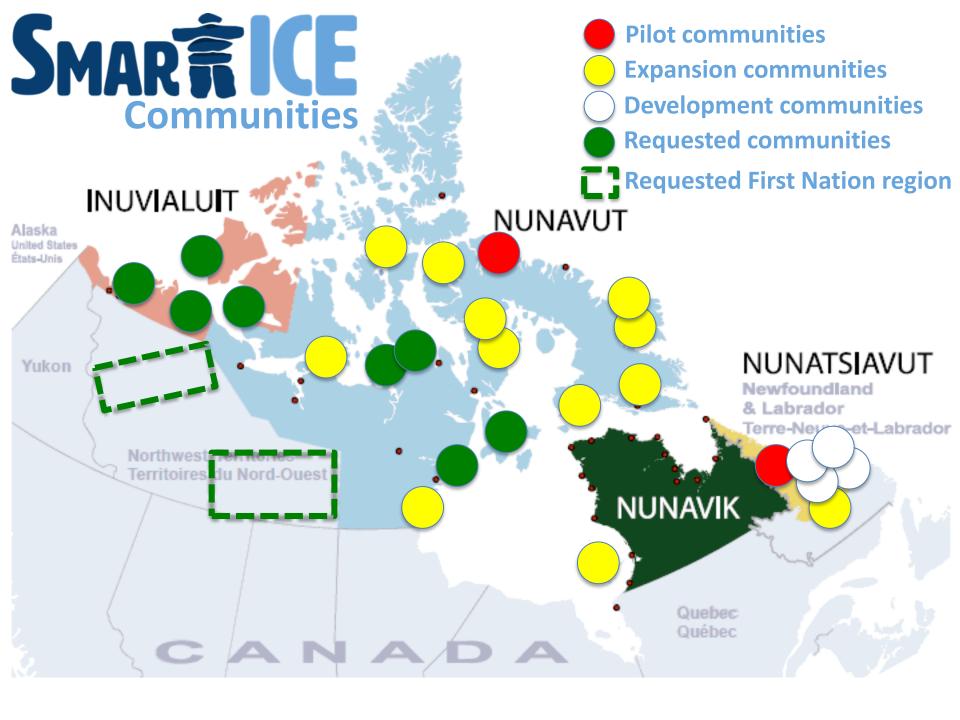














From community partnership to social enterprise

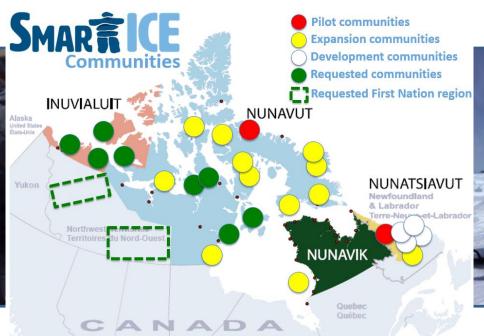






From feasibility to sustainability







Build a **SUSTAINABLE** social enterprise through servicing commercial clients while fulfilling a public safety need at the community level

Ice-based Fisheries







Floe Edge Tourism







Winter shipping and sealift















Winner of 2017 UN Climate Solutions Award



...shines light on some of the most **innovative**, **scalable**, **replicable** and **practical** examples of what people across the globe are doing to combat climate change







QUESTIONS?

UPCOMING WEBINAR

Incorporation of Climate Considerations: Transportation Infrastructure Design

Date: March 19th 1:00 – 2:30 pm EST

Click here to register

Thank you for joining us today!