

Recherche/action sur la santé et le bien-être des Inuits à l'interface Inuit-chien- environnement



Groupe International vétérinaire et collaborateurs
André Ravel, Suzanne Bastian et coll.

Outline

- Issues of concern
- Background
- Project goal and steps
- Team and network
- Achievements and future

Issues of concern: listing form

- Dog aggressivity
- Dog attacks, bites (death)
- Rabies (endemic in Nunavik)
- Zoonotic parasitism

- Free roaming dogs, packs
- Free reproduction
- Overpopulation
- Dog feeding
- Dog adoption
- Dog shooting

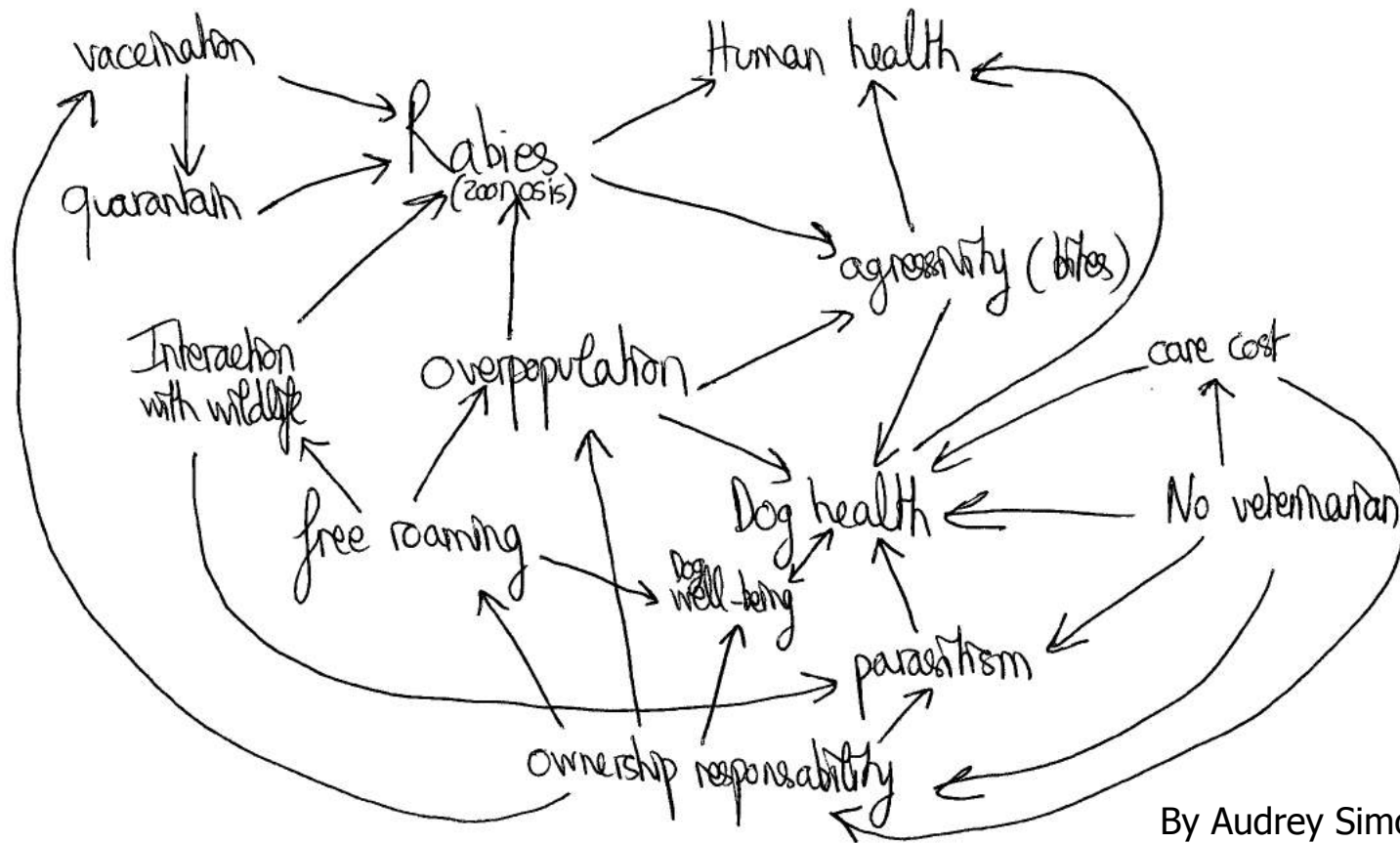
Vs.

- Sled dogs
- Ivakkak race
- Northern Inuit breed

Considering

- Inuit culture (dog role and value)
- History: dog slaughters in the 50's and 60's
- No vet services in Nunavik
- Emerging of other cultures

Issues of concern: complexity !



By Audrey Simon 2013

Background: the origin

- The Faculté de médecine vétérinaire (UdeM) has an ongoing project with Nunavik communities, conducted by (GIV).

“Supporting Veterinary Public Health and Animal Health in Nunavik”

www.vetnunavik.ca

- Initiated in 2008 to address Nunavik needs and preferences in animal health and public health, following a demand from several local and provincial organizations.
- 2009: A Collaborative consultation to define needs in Nunavik related to dog health, rabies and other zoonoses

Background: first action

Since 2008 Remote veterinary service



Service d'information vétérinaire gratuit pour chiens et chats

Le Centre Hospitalier Universitaire Vétérinaire de l'Université de Montréal offre un service d'information vétérinaire gratuit par courriel et par téléphone. Vous pouvez joindre directement notre service par courriel à l'adresse n.nasik.civ@medvet.umontreal.ca ou sur notre boîte vocale au numéro suivant : (514) 345-8521 poste 0065. Nous vous offrons le service en deux langues, soit en français et en anglais.

Dans votre message, donnez le plus de détails possibles. Votre nom et le numéro de téléphone où nous pourrions vous rappeler sont nécessaires lorsque vous laissez un message par téléphone sur notre boîte vocale. Les réponses à vos questions et demandes d'information seront acheminées en français ou en anglais, du lundi au vendredi seulement, et non le fin de semaine.

Le service sera adapté selon vos besoins et vos commentaires. Nous tenons finalement à vous rappeler que ce service ne remplace pas une consultation avec un vétérinaire et qu'aucune prescription de médicaments ne pourra être faite. Merci de votre compréhension.

Free veterinary information on dogs and cats

The University of Montreal Veterinary College offers free veterinary information and advice about dogs and cats to all residents of Nunavik. You can contact our service directly by email at the following address: n.nasik.civ@medvet.umontreal.ca. You can also leave a message in our voice mailbox at the following number: 514-345-8521, ext. 0065. We offer the service in French and English.

Please leave us a detailed message. Include your name and a phone number where you can be reached if you have left us a message in the voice mailbox. Replies to questions and information requests will be made in the afternoon or evening, from Monday to Friday only, and not on weekends.

The service we provide will be based on your needs and comments. Please note this free service does not constitute an examination by a veterinary professional and that prescriptions will not be given. We thank you for your understanding.

Renseignements vétérinaires gratuits pour chiens et chats

La Faculté de médecine vétérinaire de l'Université de Montréal offre des renseignements et des conseils vétérinaires gratuits concernant les chiens et les chats, aux habitants du Nunavik. Vous pouvez rejoindre directement notre service par courriel à l'adresse n.nasik.civ@medvet.umontreal.ca ou sur notre boîte vocale au numéro suivant : (514) 345-8521 poste 0065. Nous vous offrons le service en deux langues, soit en français et en anglais.

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Le Groupe International Vétérinaire (GIV)



Background: Dog Care Guide



Groupe International Vétérinaire



DOG FIRST AID Guide

Faculty of Veterinary Medicine

Université 
de Montréal

WOUNDS

Bleeding and haemorrhage



When an animal is injured, always stop the bleeding first. Then you may address the wounds and other problems.

DIRECT PRESSURE

If possible, put on latex gloves (found in the first aid kit).



1. Apply direct pressure on the bleeding site with a gauze (found in the first aid kit) or a clean cloth. If it becomes soaked, apply additional layers of gauze while maintaining the pressure;
2. Direct pressure should be held over the bleeding site for 10 minutes. After 10 minutes, release the pressure to verify if the wound is still bleeding;
3. You can make a pressure bandage to keep the gauze/cloth in place or if the bleeding is severe. Refer to the *Pressure bandage* section of this chapter for more information.



DO NOT tie an elastic, belt or rope around a limb to manage a bleeding as this could cause severe damage to the limb.



If the bleeding is severe, use very absorbent gauzes (found in the first aid kit) or a sanitary napkin to control the bleeding and make a pressure bandage.

Background: Dog Health Workshops

2011-2014:

- Kuujjuaq,
- Quaqtaq,
- Kangiqsujuaq,
- Kangiqsualuujjuaq,
- Kangirsuk,
- Kuujjuaraapik



Background: veterinary public health side

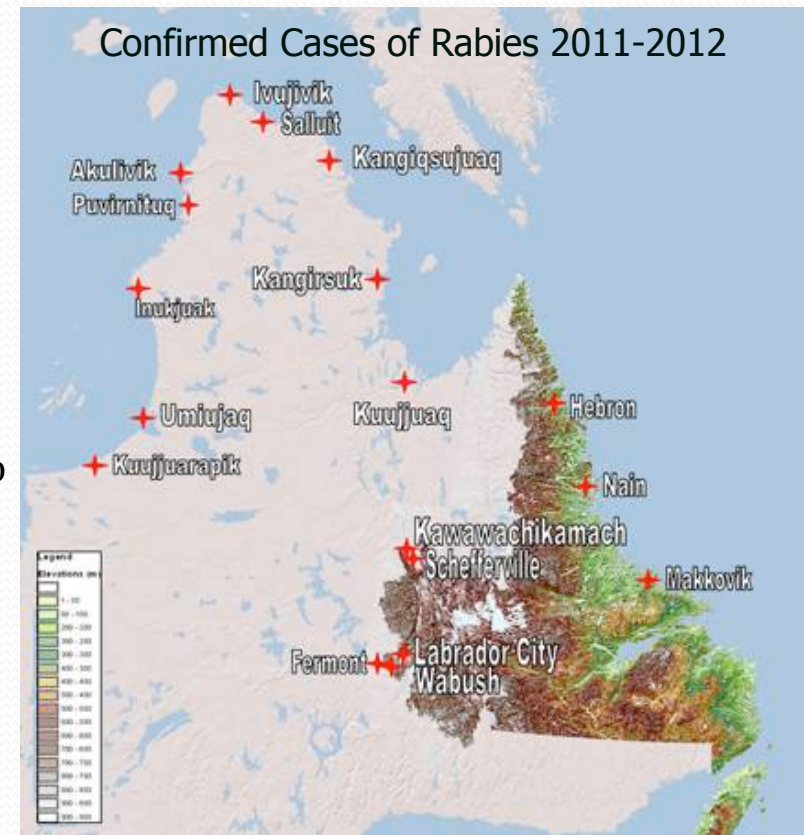
Study on rabies risks in Nunavik:

■ Agressivity & bites

- 1996-2009: 76 dog bites recorded
- Underreporting !

■ Bites and rabies

- 1999-2012: 10 rabies positive dogs (23% of all positive animals tested)
- 1996-2009:
 - 6 rabies positive / 76 dog bites (1/13)
 - Children (0-9 yrs):
 - 37% of potential rabies exposure
 - 46% of confirmed exposure



http://www.nr.gov.nl.ca/nr/agrifoods/animal/animal_health/confirmed.html

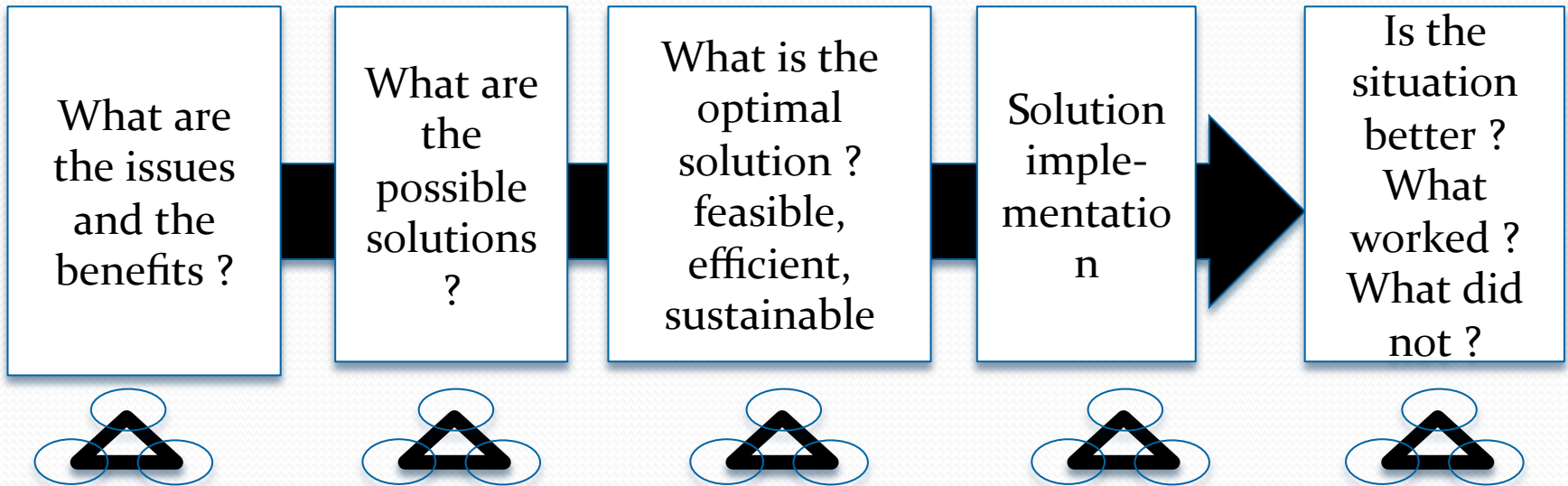
Project goal and objectives

To contribute to reduce the dog-related health issues while sustaining values and benefits related to dogs in Nunavik

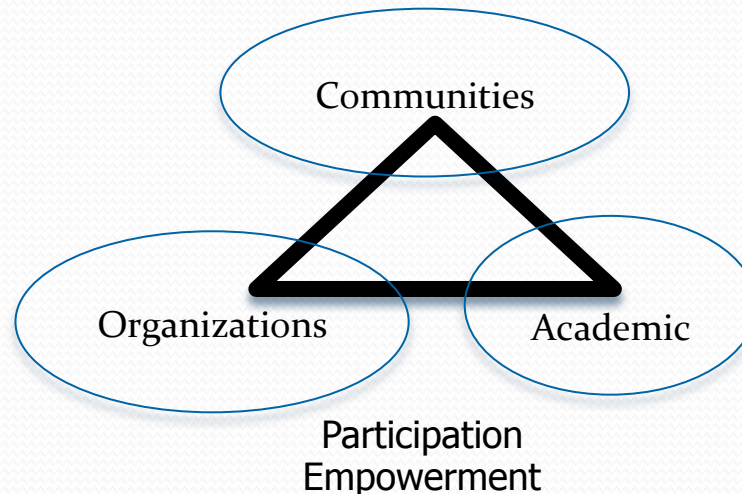
To assist **each interested** Nunavik communities to :

- Identify and prioritize the **dog-related health issues and benefits** according to **their experience and perception**.
- Analyze the issues (**importance, impacts...**) of high **priority** by **combining communities' knowledge and scientific knowledge**.
- Determine the **optimal actions to reduce** the impacts and foster the benefits.
- Facilitate the actions and **verify** their efficiency.

Project Steps & Approach



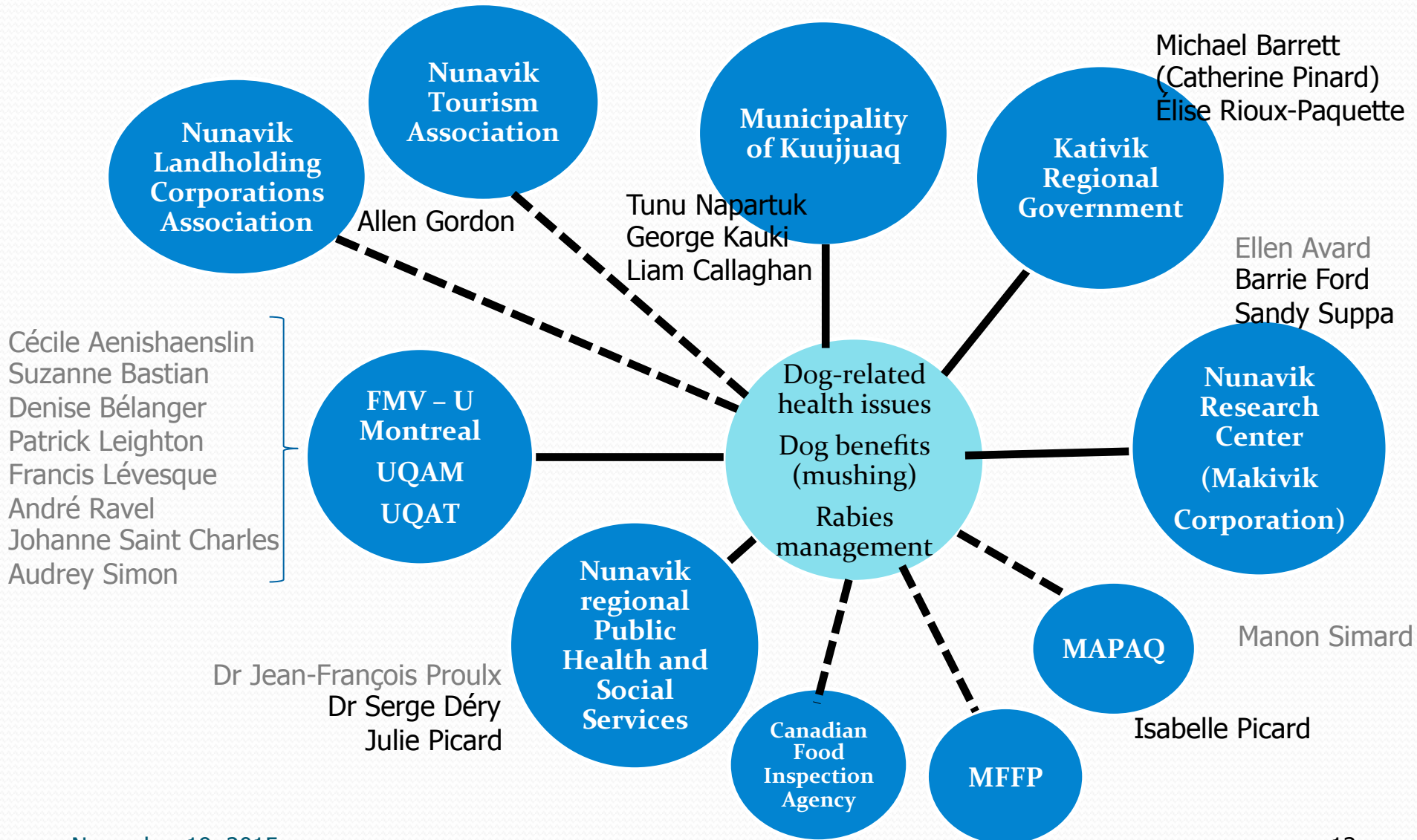
Following the
Ecohealth approach



Project research team: multidisciplinary

- Medicine/public health: Dr Proulx (Direction régionale de la santé publique du Nunavik)
- Veterinary science & public health: Aenishaenslin, Bélanger, Ravel, Simon (FMV, U. Montreal), Bastian (Oniris, France)
- Biology & environment: Leighton (FMV, UdeM), Simard (previously with Makivik), Avard (Nunavik Research Center)
- Anthropology: Lévesque (UQAT)
- Communication & ecohealth: Saint-Charles (UQAM)

Project partners and supporters



Achievements: in 2015 to date

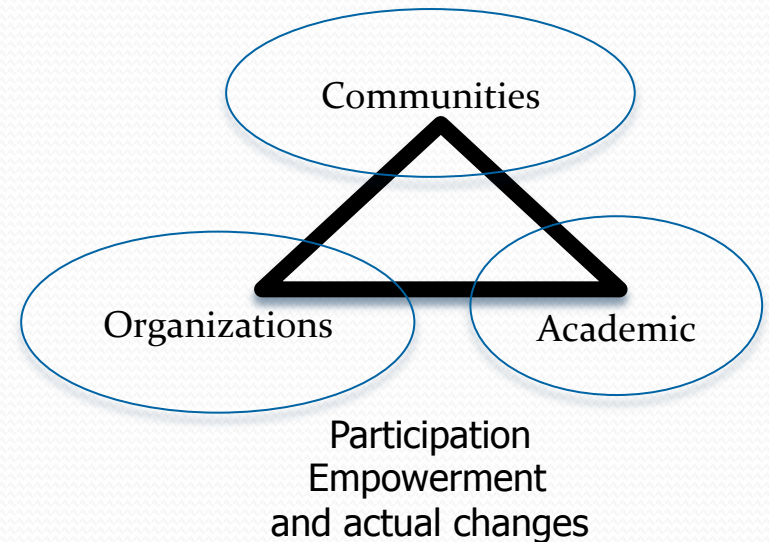
- Limited funding obtained: CIHR Planning, OHMI-Nunavik, Nasivvik
- 3 visits in Kuujjuaq (March, May, October)
- Project promotion:
 - interest from Kuujjuaq Mayor
 - support confirmed from KRG, Nunavik Research Center/ Makivik Corporation, Nunavik Public Health Board
- Building common understanding, trust, credibility
- Better knowledge of the village:
 - set-up
 - residents' concerns: distemper outbreak, ravens, wildlife
- Funding for anthropology study granted to Francis

Achievements: planned for end of 2015

- Dog census planned (partially funded by OHMI-Nunavik):
 - all households / dogs in Kuujjuaq – Dec 2015
- Dog survey planned (partially funded by OHMI-Nunavik)
 - Nov 25- Dec 2, 2015
 - Questionnaire to 50 dog owners + 10 mushers
 - Along with free dog clinics and health dog workshop
- Looking for new funding
 - Lévesque's proposal : 'Qimuksiq Network' for Nunavut and Nunavik stakeholders and researchers to discuss dog related issues

Success measurement: in progress

- Bourse Ekosanté de Copeh-Can & Copeh-LAC
- Audrey Simon
- Goals:
 - to document a posteriori any changes in the community due to the project
 - to assess the impacts of any interventions
 - to identify obstacles, challenges, opportunities, and advantages according to each stakeholder



Future: 2016 and beyond (1)

- Dog survey finding dissemination – winter 2016 (Nasivvik funded)
- Study on wildlife-dog-human interaction (in synergy with an ArticNet-funded project and in collaboration with MFFP)
- Study of roaming dogs & dogs without owners (in synergy with the wildlife-dog-human interaction study)

Future: 2016 and beyond (2)

- Publication/presentation:
 - Dog survey + ?
 - One Health & EcoHealth Congress (<May 17, 2016)
- Looking for funding to move the project forward
 - OHMI-Nunavik: issues/benefits mapping
 - CIHR Project program (< March 1st 2016)
 - Other ?
- Questions:
 - Other Northern villages in Nunavik ?
 - Other villages beyond Nunavik ?

Questions ?

