



Climate-Ready NL

Updates from the Field

12 June 2026

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Regional Adaptation Coordinator (Western Team)

Climate-Ready NL



Made possible through
funding from the
Federation of Canadian Municipalities'
Green Municipal Fund and the
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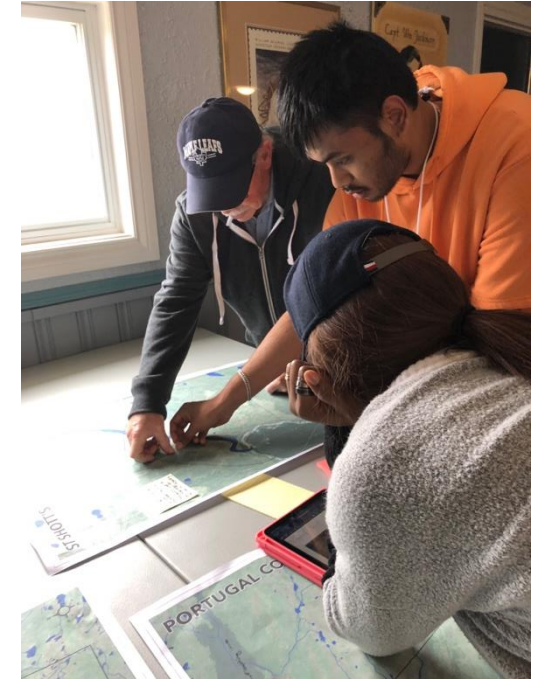
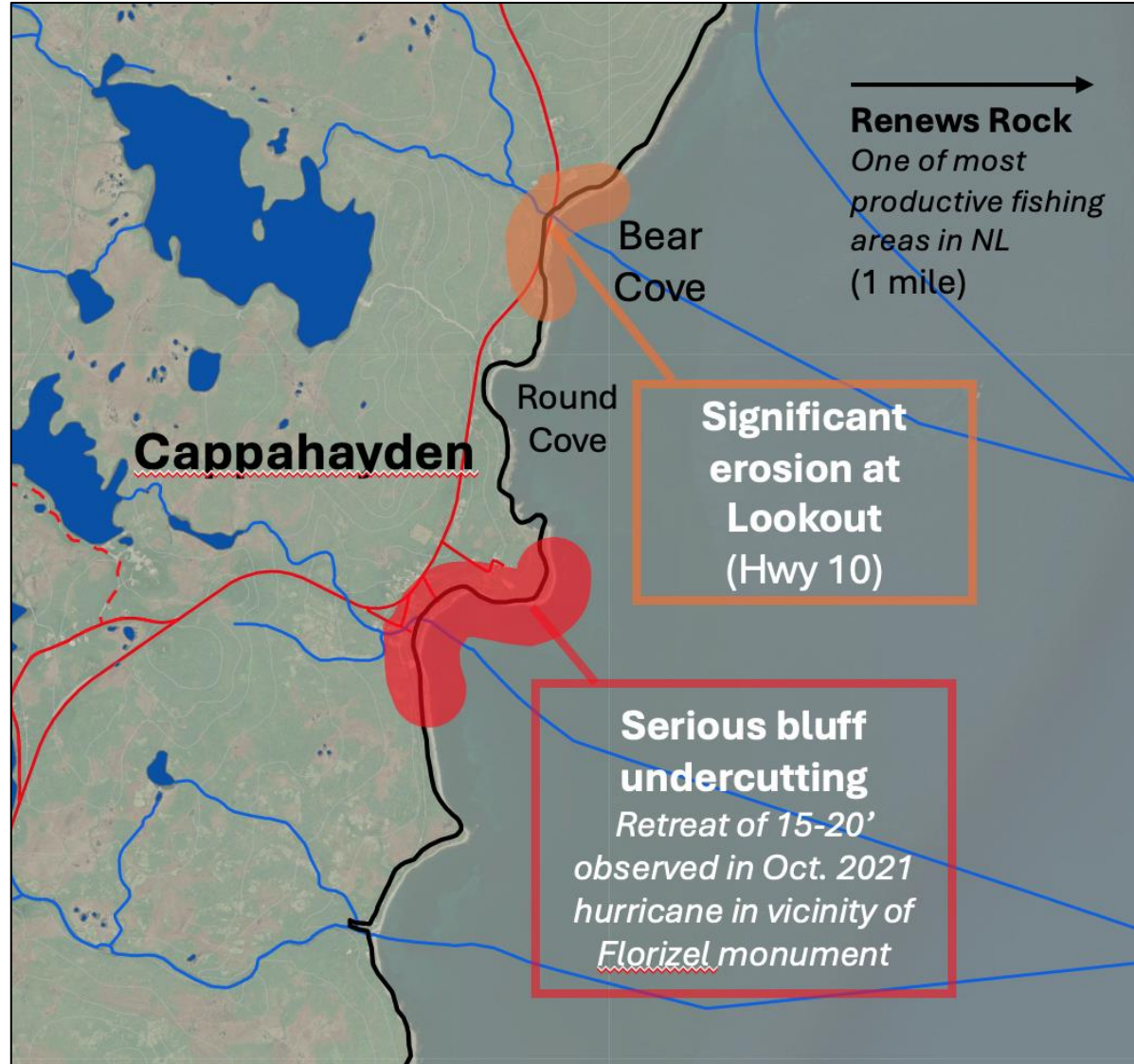
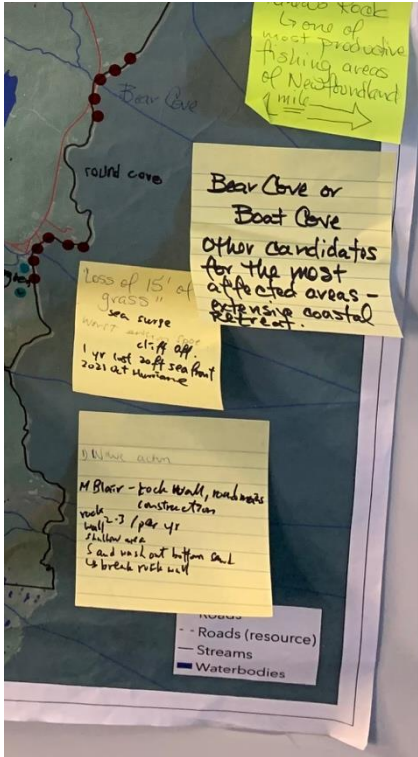


Climate-Ready NL

- 1 Sector-Wide Climate Adaptation Campaign
- 2 Climate-Informed Emergency Planning
- 3 Nature-based Adaptation Options

Our Newfoundland and Labrador municipal sector-representing team

CLIMATE HAZARD MAPPING





*The Town of
Massey Drive*

OPEN HOUSE

Thursday, 11 June 2026

**Massey Drive Town Hall
Drop-in anytime from 10 a.m.-7 p.m.**

In the woods, on the water, here in town...

We're all seeing differences these days.

**Please stop by to share your climate observations and
experiences of other changes in our area.**

For more information: (709) 634-2742



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MASSEY DRIVE (June 11, 2026)

- ① Old Sk. h.w.
- ② Tipping Pond
- water is being removed
this year.
- ③ Old cross country
spring site near
Tipping's Pond. Also
used to be a horse stable
fence here.
- ④ Link Pond
Excavating this
year and last year.
Invasive species
June 12-20 in this year
and last year.
- ⑤ Stratton's Pond
was used to
divert water
and people skated
in there.
- ⑥ Stratton's Pond
- ⑦ Walking trail
around Stratton's
Pond
- ⑧ Old sk. h.w. and
Lodge
- ⑨ Walking Trail
around Tipping's
Pond
- around 2.3 km
- connects w/
Stratton Pond trail
- ⑩ Ski-hill trail
near Stratton's Pond
- ⑪ Sub-station
- ⑫ Suggests for
this road to
be an emergency
way out to the
TCH
- ⑬ Used to be a road
from here owned by
Jimmy Grace.
- ⑭ Used to be
a soccer field
and then a soft
ball field
Now is a town
maintenance bldg
- ⑮ Forestry then
a Conservation
Bldg
- ⑯ Helped
- used mostly for
search & rescue
and medical calls
- ⑰ Stratton's Pond
works in phases
Phase 4 is
beginning soon
- ⑱ Soft ball field
- haven't been used
in years
- now a property
- ⑲ TST trucking
- ⑳ Used to be
Carter Wood
Cutting but
now a Sub-Station
- Sub-Station works w/
rose battle M reservoir
- ㉑ Used to be
a commercial
property but now
residential area
- ㉒ Most houses
around here have
their own septic
system
- ㉓ Access road
New development
- ㉔ Dog Park
- ㉕ School bus
turnaround
- ㉖ This area is
not developed because
it's all solid rock
- expensive to develop
- ㉗ Pump Station
- ㉘ New parking lot
development.
- ㉙ Water Pond
- ㉚ There were
work done by Li Di
to see drainage way
- ㉛ Road & barn
Club
- now private
property
- ㉜ Road and Gun
Club - sports club
- made TST trucking
- the road was
used to go to
that land behind
- was built by CB
in 1970s
- ㉝ Overlook
Crestview
also club
- ㉞ T & T Truck
and Trailer repair
- ㉟ The access by
mountain view st.
was blocked and
worked out the
Massey Dr. rd in
1977
- 60 m of road
- ㊱ Pictures of active region
used walked out on
Bearing Day a few years ago.
- ㊲ There used to be
one school in the
area. It used to be
a the town hall
fire hall.
- St Luke's
- owned by Anglican
Church
- ㊳ From
Connect homes
- for homes
- old farms
- all in the past
- ㊴ It's a
skateboard trail but
is a popular dog
walking trail
- ㊵ Can possibly
be a 2nd exit
route for residents
living in Link Pond
Dr.
- ㊶ Access road was paved
and given access 10-12+
years ago.
- ㊷ The access road was
originally a business
one and road
Massey Dr. is a restaurant
for the manufacturing
to this road
- ㊸ Used to be
an access Rd. but
was blocked in the
beginning because
paved by someone
then used by residents
maintained by town
owned by private
- ㊹ Sewer lines used
to be only until
here
- ㊺ House that burned
down due to a BBQ
- ㊻ Residents keep
have low water
pressure. If a
fire hydrant were to
be used, they would
not have running
water
- ㊼ Down Crestview - water
pressure is very low. If
residents use a fire hydrant
or pump it out from the
vicinity loses water.
- ㊽ No cell service
area. Living nearby
in the vicinity has
no service
- ㊾ No cell service
area. Living nearby
in the vicinity has
no service
- ㊿ Access to be called
"Sk. - calcium road"
Massey

History / Local development

that there was only one way in & out

Recreation

Water Supply

Working on a Water Conservation below
A lot of water wastage
on lawns

Emergency Preparedness

Climate observations

There was a flash flood
ago when they were fire
water systems broke in 19

TIMELINE

Activity 1

Sector Campaign:
Climate Hazard Mapping
Climate data

Risks &
Hazards
Open
Houses
(15)

Risks &
Hazards
Open
Houses
(50)

...**2025** June July Aug Sept Oct Nov Dec **2026** Jan Feb Mar Apr May Jun July Aug Sept Oct Nov Dec **2027** Jan Feb Mar

↑
We are here

Activity 2

Climate-Informed
Emergency
Planning



$\frac{3}{4}$
50

Climate-Informed Emergency Plan reviews

Activity 3

Watershed-Scale &
Nature-based
Adaptation Options



$\frac{1}{4}$
15

Nature-based adaptation options ID'ing

Climate-informed emergency planning?

Ensure identified and emerging climate risk and hazard scenarios are reflected in local/regional emergency plans, mutual aid arrangements, training, equipment and other first response resources.

2

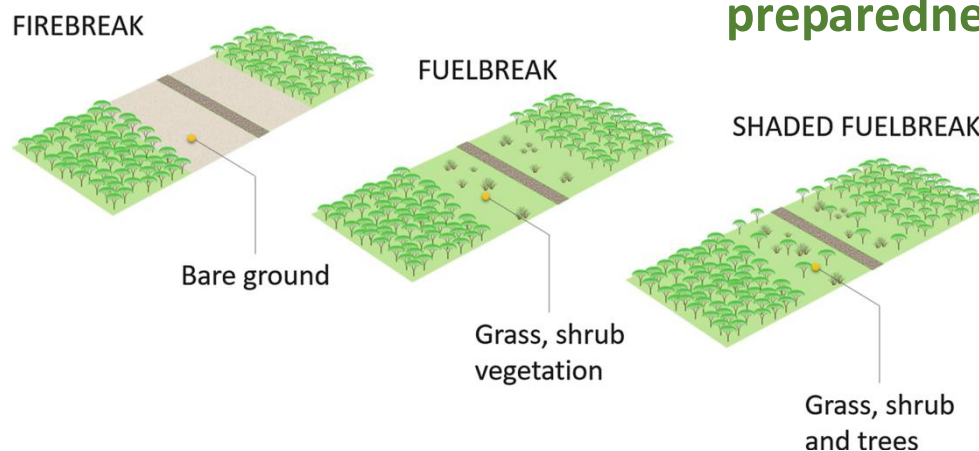


Extreme weather, flooding, erosion, slope movement...

- Communications
- Infrastructure failure
- Access affected
- Power outages
- Vulnerable populations

Wildfire

- Household, community and landscape-scale preparedness



Nature-based climate solutions?

Using the restoration, conservation and management of wetlands, grasslands, shorelines and forests, to mitigate and adapt to the effects of climate change.

3

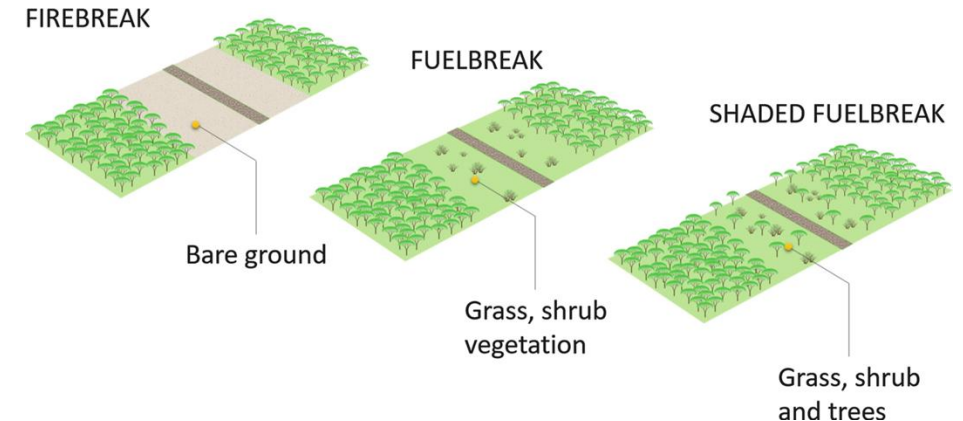


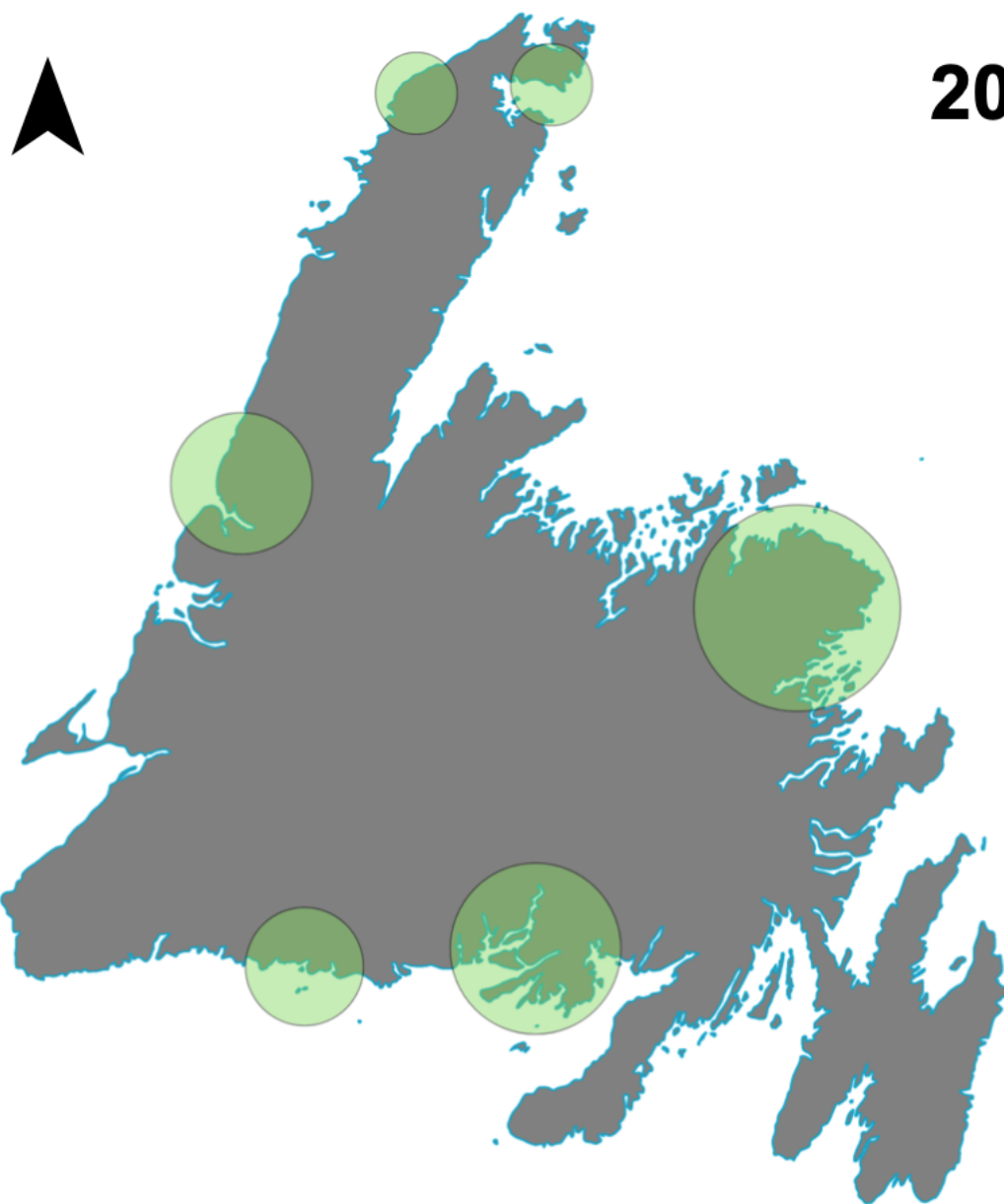
Erosion or slope movement
→ assess drainage and vegetation



Flooding
→ Enhance and conserve natural drainage and wetlands

Fuel Breaks
→ Manage and/or modify vegetation





2025 Field Season Coverage

Legend



Regional clusters of field activities



Coastline



Landmass

*Labrador fieldwork
will commence in 2026.*

2025 Themes

Wildfire and Drought

Warmer and drier summers have lengthened the wildfire season.

Residents report more extreme heat days, longer dry spells, much less snowpack and lower water levels, in some cases affecting **town water supplies**. Most towns expressed interest in developing a **fire break**.



2025 Themes

Heavy Rainfall and Overland Flooding

Rain events are becoming more intense and unpredictable. There are more frequent accounts of flooding following major storm events.

Heavier downpours, rain-on-snow events, and blocked or undersized culverts are often leading to road washouts and property damage.



Indian Bay

2025 Themes

Coastal Erosion and Storm Surges

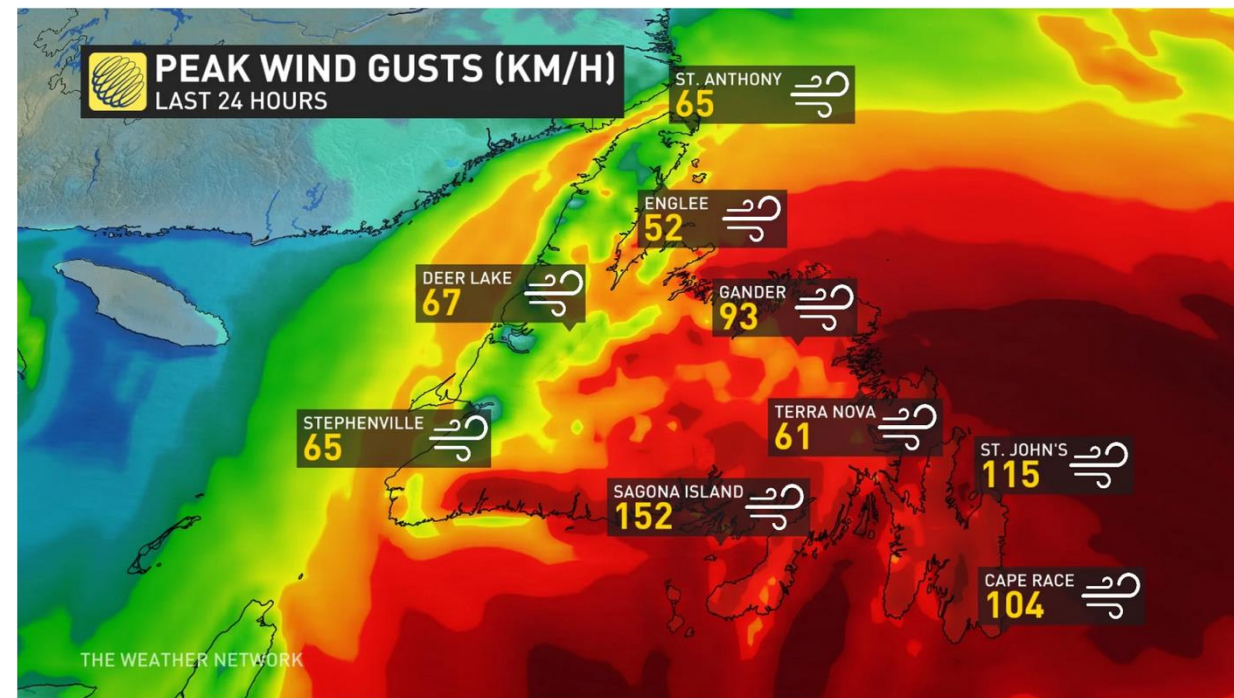
Sea-level rise, stronger wave action, greatly reduced ice extent and shorter periods of frozen ground are reshaping the island's shorelines. Some degree of coastal erosion was present in every town visited this field season, as were protective installations such as berms, armourstone, gabion walls, cribbing and breakwaters.



2025 Themes

Storms and Extreme Weather

Residents reported **stronger winds**, intense storms and more damaging hurricanes, regularly noting associated flooding and **infrastructure loss**. Named events varied by region, season and wind direction e.g. Hurricane Fiona affecting the southwest portion of the Island (September 2022); towns in the Gambo area hit hard by a January 5, 2025 storm.



Peak wind gusts from the weekend storm (updated January 5)

2025 Themes

Slope Instability and Landslides

Instability associated with steep slopes, heavy precipitation events, development-related undercutting and vegetation loss was documented. Roughly a third of the towns visited had a history of dangerous slope movement.



2025 Themes

Emergency Response and Preparedness

All these small towns depend on volunteer firefighters. Their fire departments provide many critical emergency services but are not trained or equipped to fight wildfires. Towns relying on a single access road know they face additional risks in the event of a major emergency. In addition to better equipment, training, and periodic emergency exercises, more reliable communication systems are required.

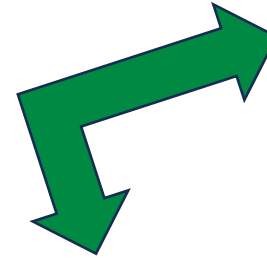


2024-2032 opportunities



<https://greenmunicipalfund.ca/local-leadership-climate-adaptation>

\$530M – 1,400 communities



Climate-Ready Plans and Processes

Helping municipalities develop comprehensive climate adaptation strategies



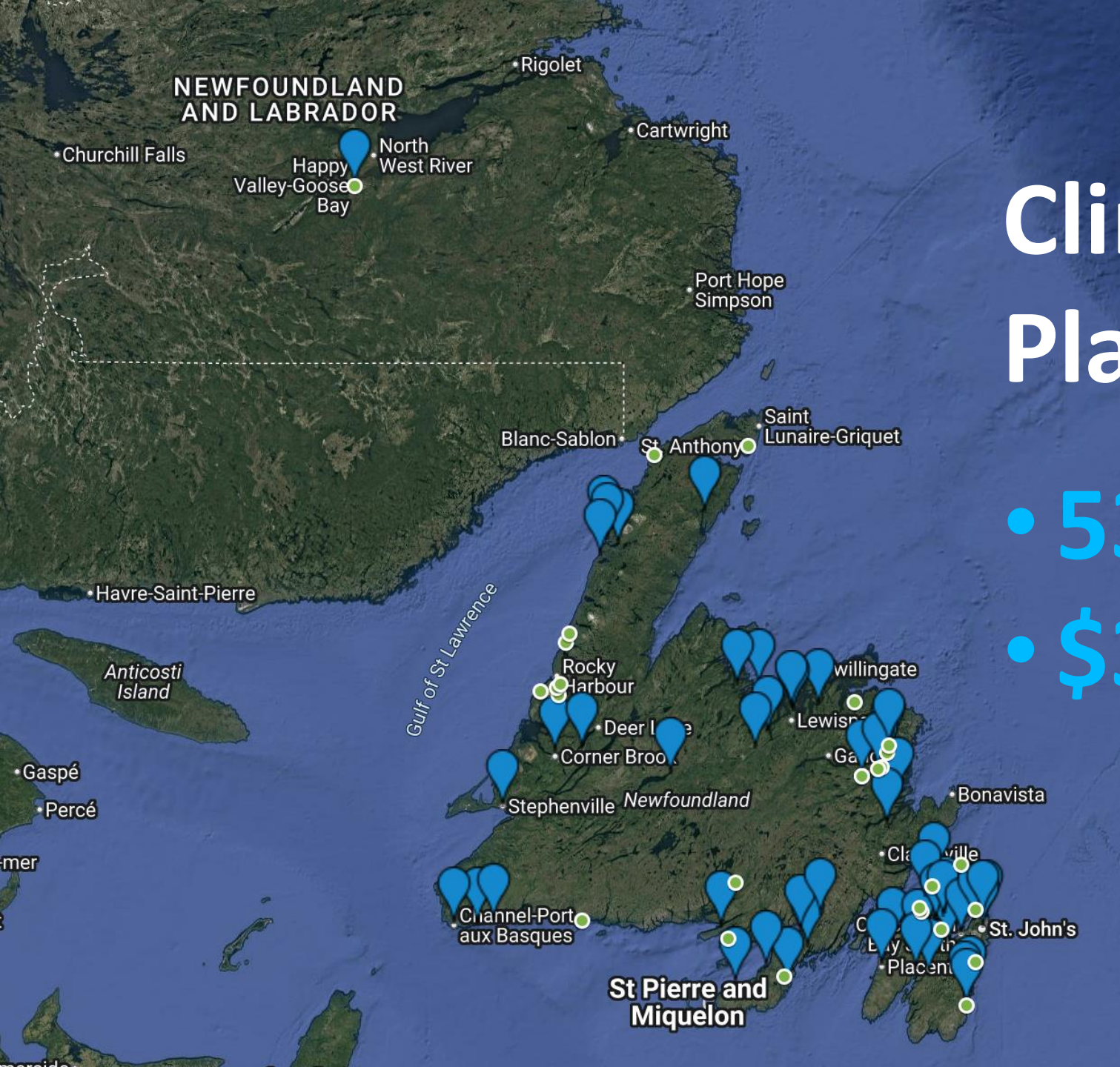
Feasibility study: Adaptation in Action

Funding for climate adaptation through municipal services



Implementation projects: Adaptation in Action

Empowering municipalities to thrive in a changing climate

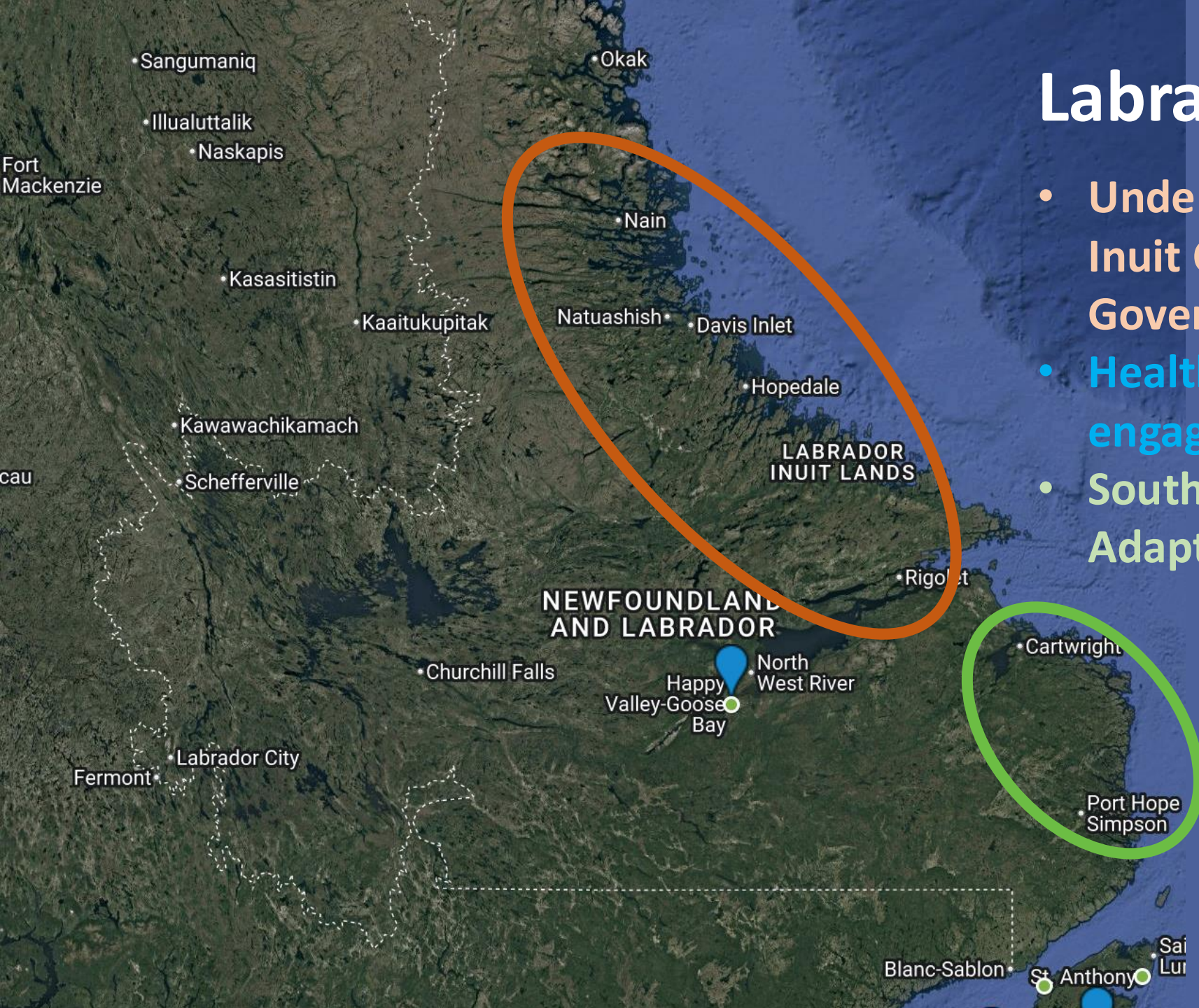


Climate Ready Plans & Processes

- 53 NL recipients
- \$3.5M

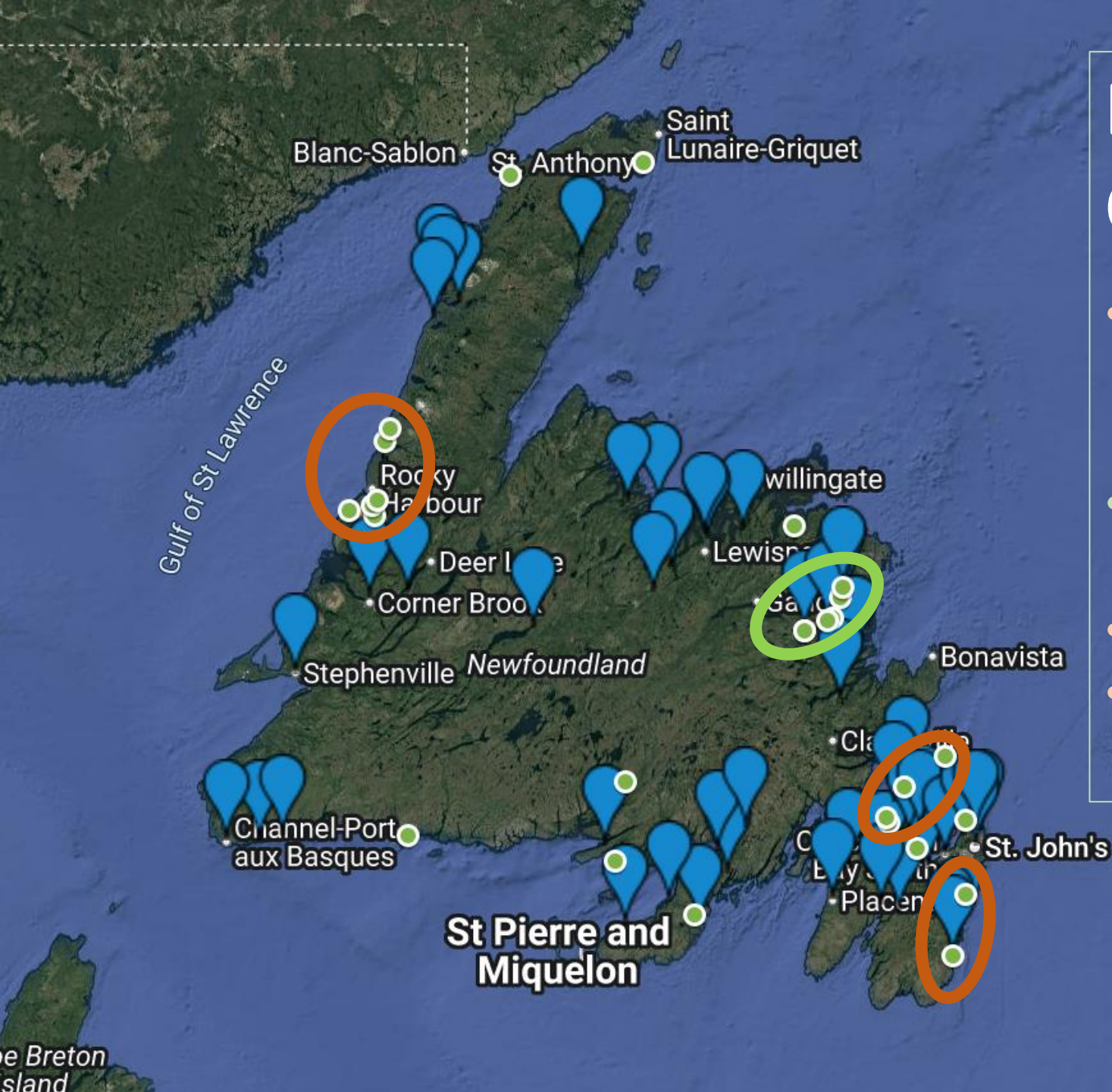
Labrador Activities

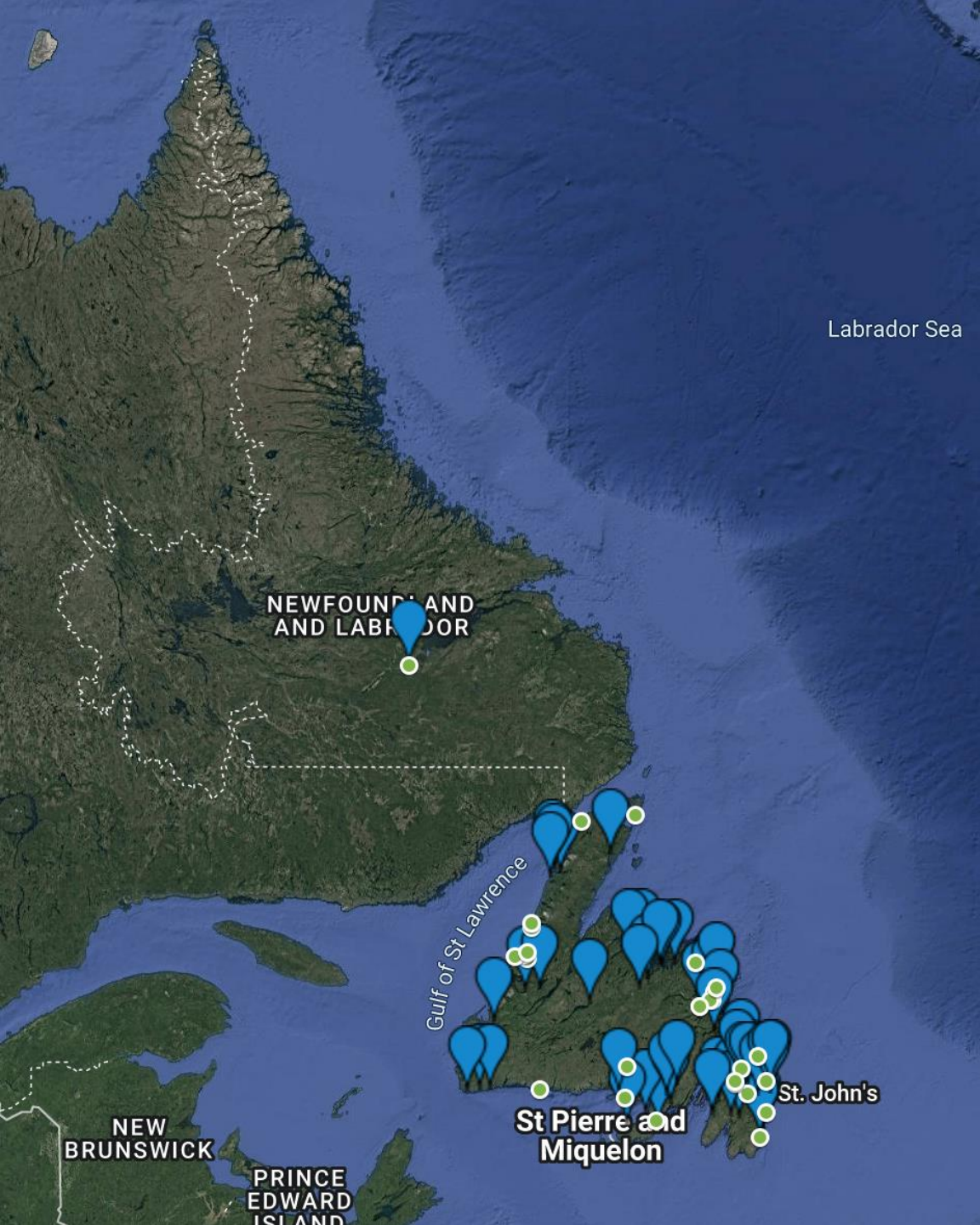
- Understanding Nunatsiavut's Inuit Community Government Fire Services
- Healthy Waters Labrador engagement
- South Coast (Nature-Based Adaptation Stream)



Emerging Regional Conversations

- Understanding Fire and Emergency Preparedness in Gros Morne
- Youth-engaged climate observations
- Trinity-Conception region
- Avalon Southern Shore





Food for thought...

Have you started?
How prepared are you?

Is there a common challenge
you'd like to dig into with others
in your region?

Dr. Kathleen Parewick

kparewick@municipalnl.ca

*Reach out if your small town
might like to join our
Climate-Ready network!*



Municipalities

Newfoundland and Labrador