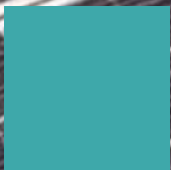
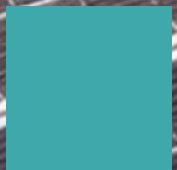
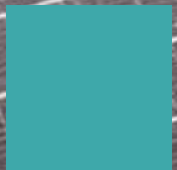
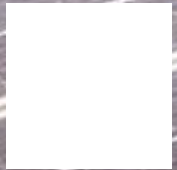




Empowering Sustainability

Deep Retrofit of
North Preston
Day Care



Presenters



Samantha Gaetz
samantha@recoverinitiative.ca



Vanessa Hartley
vanessa@recoverinitiative.ca



Rodney Small
rodney@onenorthend.com



North Preston Day Care

A community-led deep retrofit in an African Nova Scotian Community



Enhancing energy efficiency through sustainable building upgrades



Community-owned and operated since 1971 as the first African Nova Scotian daycare



Providing welcoming, inclusive care for families across the North Preston Community



Project Vision & Goals

Balancing community resilience with building performance

Expanded Childcare Capacity

Increase licensed childcare from 62 to 82 children.

Energy and Emission Goals

75% reduction in energy use and a 60% reduction in greenhouse gas emissions.

Resilience and Sustainability

Retrofit modernizes community building supporting well-being of children, families, and staff.

Operating Costs Reduction

This level of reduction could translate to roughly \$15k–\$30k per year.

Delivering the Deep Retrofit

Integrated Retrofit and Addition

Combining deep retrofit with a 4,000 sq ft addition.

Mechanical and Energy Upgrades

Upgrading from oil heating to electric heat pumps.

Site and Accessibility Improvements

Paved parking, accessible sidewalks, updated play areas, and stormwater management.

Community Benefits

Serving as a safe indoor gathering space when weather conditions require.

Deep retrofit + Addition + Site and accessibility upgrades

Community Led, People-Centered Delivery

Built with community, guided by trust, delivered with care

Community Ownership Structure

Technical and Fundraising Support

Youth Job Shadowing Program


Capacity Building

Funding Challenges

In an ANS community: constraints, deadlines, and administrative capacity



Deadline Pressure



Strict
Documentation
Rules



Conditional
Agreements



Perception and
Trust Risks

Timeline & Readiness

From schematic design to permits and tender documents



Readiness is not a single milestone; it is a deliberate process of alignment



Lessons Learned

1 Effective
Communication
System

2 Grant Tracker and
Deliverable
Mapping

3 Grounded
Community
Engagement

4 Capacity
Building and
Inclusion

What is Next?

Technical ambition alone is not enough

Technical Next Steps

- Finalize construction drawings and develop daycare-friendly construction plans.

Day Care Friendly Planning

- Plan construction to reduce disruption, ensure safe access, and maintain clear communication.

Funding and Governance

- Secure approvals, funding, and permits while preparing financing strategies for construction.

Community Engagement and Readiness

- Gather quotes, align energy models, and document benefits to meet requirements and maintain community trust.

Interested in supporting community-led impact?
Let's connect.



Samantha Gaetz
samantha@recoverinitiative.ca



Vanessa Hartley
vanessa@recoverinitiative.ca





Thank you.

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