



Executive Summary

Back to Basics Social Developments is a non-profit organization based in Barrie Ontario that focuses on delivering affordable and sustainable community development projects to those in need.

Core Mission

Create sustainable housing & food infrastructure for Northern Aboriginal Communities in need. Back to Basics SD wants to assist these communities in implementing environmentally restorative housing, clean water and organic gardening solutions while providing opportunities and facilitating programs for skilled trades training opportunities for the youth .

Objective

Working with our community partners and these programs and initiatives we further hope to ;

- Expand the existing economy by generating revenue sources that will serve to create jobs and lower the cost of living expenses such as, housing, food, water .
- Strengthen relations between northern communities and centralized capitals and work conjointly on the Housing initiative to further foster social, economical and skilled trades growth.
- To collaborate with communities and other NGO's to develop new initiatives that are administrable with existing resources.

A b o r i g i n a l C o m m u n i t y H o u s i n g a n d F o o d I n i t i a t i v e





Twenty-five per cent of the aboriginal population live in homes that require major repairs, a figure that hasn't changed since 1996. (taken from statics Canada). Ontario has the largest concentration of Aboriginal Peoples at 242,495, or two per cent of the province's population. The inflated cost associated with procuring adequate food, housing and water on remote reserves has caused the degradation of these Northern Ontario Communities.

- First Nations have no tax base and little independent revenue with which to fund infrastructure un like cities or provinces.
- Infrastructure gap ; The AFN(Assembly of First Nations) estimates that capital expenditures on reserves are underfunded by \$169 to \$189 million annually and operations and maintenance expenditures by \$11 million. It says 40 new schools, at a cost of \$12.5 million each, and 85,000 housing units would have to be built just to meet current needs.
- Aboriginal Affairs state "As quickly as new units come on stream, they require aggressive maintenance because of the overcrowding and heavy "wear and tear" they take," - February 2011 report.
- Three northern Ontario reserves off of James Bay declared a state of emergency in late September 2011 because of a housing shortage.
- Housing on reserves is generally found to be substandard, dilapidated and overcrowded.
- Portables, not buildings, are the norm for schoolchildren in many First Nations communities.

A b o r i g i n a l C o m m u n i t y H o u s i n g a n d F o o d I n i t i a t i v e





ISBU is a form of architecture using steel intermodal containers (shipping containers) as the structural element. All shipping containers are made to standard measurements and as such they provide modular elements that can be combined into larger structures. This simplifies design, planning and transport. Due to the containers' modular design additional construction is as easy as stacking more containers.

Shipping container modules are the most logical structure base for multiple reasons;

- They are stronger than wood, concrete, and normal steel buildings.
- They are lower cost per square foot than other base structures.
- They are truly Eco-Green structures; 85% recycled steel, and fully recyclable if demolished.
- Their use reduces the extreme surplus of Shipping Containers being stored near our harbors, ports beaches and even inland cities.
- The units can be pre-fabricated off-site where materials are readily available at a much lower cost.
- ISBU units are particularly appropriate to endure the colder climate conditions of northern Ontario.
- By recycling these containers, we cut down on the need for new raw materials to be extracted, refined, transported and then assembled inefficiently.
- ISBU units are designed for ease of transported by ship, truck or rail.
- Energy efficient

A b o r i g i n a l C o m m u n i t y H o u s i n g a n d F o o d I n i t i a t i v e





Advantages.

ISBU Containers are in many ways an ideal building material because they are strong, durable, stackable, cut able, movable, modular, plentiful and relatively cheap. Architects as well as Laypeople have used them to build many types of unique building structures such as homes, offices, apartments, schools, dormitories and artists' studios.

Availability

There are about 11 million shipping containers in circulation worldwide, according to SG Blocks, with approx. 300,000 sitting vacant in ports worldwide, enough to recycle into 90 million SF of new living space.

Expense

Shipping containers can be purchased from major transport companies for as little as US \$1,200, when purchased brand new they are seldom more than US \$6000.

They are approximately 20% cheaper to build than homes made with traditional construction, price averaging from \$87 a square foot for the most basic container homes depending on location and finishes.

Energy System

Money saved on build would be invested into solar hot water and photovoltaic panel systems (to power, heat and cool the building); extra insulation; rooftop water-recovery and vegetable gardens to allow people to grow their own food in season.

A b o r i g i n a l C o m m u n i t y H o u s i n g a n d F o o d I n i t i a t i v e





Program and initiative:

Together with our community, we can offer the youth the opportunity to work with experienced tradesmen to mentor and teach basic build skills, opening the door to sustainable life changing skill sets, while facilitating a healing and restorative bonding between the diversified cultures within our community.

Aboriginal Community Housing and Food Initiative





Program and initiative:

Together with our community, we can offer the youth the opportunity to work with experienced tradesmen to mentor and teach basic build skills, opening the door to sustainable life changing skill sets, while facilitating a healing and restorative bonding between the diversified cultures within our community.

Aboriginal Community Housing and Food Initiative

