Reducing the Costs of Housing Engagement Tool

Nunavut Housing Corporation





Introduction

The Nunavut Housing Corporation (NHC) is leading the development of an Action Plan to address Nunavut's housing crisis the Blueprint for Action on Housing (BPAOH). The BPAOH will serve as a strategic action plan to be implemented over the next ten years. The Action Plan is a GN-wide perspective on the issues, solutions, and actions required to address housing challenges in Nunavut.

To inform the development of the BPAOH, the NHC has been carrying out departmental engagement sessions –supplemented by interviews and small focus groups – from April 1- June 17. The first round of engagement involved over one hundred participants from across the GN and other stakeholder groups.

This report provides a summary of the Issues – Challenges and Potential Solutions that should be addressed in the BPAOH. The table at the end of the report will be the focus of second round of engagement scheduled from May 30 – June 3, 2016. Departments are asked to review the table and consider what concrete actions could be taken (or are already being taken) to address Nunavut's housing issues.

NHC thanks you for your continued participation in developing a Blueprint for Action on Housing.

Goal 2: Reducing the Costs of Housing

The cost of housing construction in Nunavut is very high. On average, construction costs in Nunavut are nearly three times higher than in the Greater Toronto Area. Furthermore, the operation and maintenance costs for social housing are significant and increasing year over year. Operating costs are mostly attributed to water, power, and sewage services, with only a small percentage of these costs being recovered through rental revenues.

Nunavut's pool of skilled labourers, particularly in the areas of construction, maintenance and administration of housing and related infrastructure, is small. This impairs the ability of the NHC to maintain its buildings, limits the capacity of the construction industry to build more private dwellings and in some cases, prevents individuals from purchasing homes due to high maintenance costs.

Topics for Discussion

The Nunavut Housing Corporation (NHC) proposes that Reducing the Costs of Housing will rely on **strengthening local workforces** in construction, maintenance, and administration of housing and related infrastructure; **increasing technological innovation** to build and maintain housing more efficiently; and on improving **understanding of the true costs of service delivery**.

Workforce Development

a. Issues

Housing construction costs in Nunavut are very high – on average, they are 3 times higher than construction costs in the Greater Toronto Area. In part, housing and infrastructure costs in Nunavut are high due to the **geographic remoteness** of communities and a **short building season**. But housing and infrastructure construction, as well as maintenance and administration costs are further inflated by a **lack of skilled workers across the territory**.

There is a strong need to grow Nunavut's skilled workforce in order to reduce the costs of housing. A strong local workforce will enable the GN to build and maintain housing more efficiently and therefore reduce these costs. Increased local employment would also benefit the economy and contribute to increased self-reliance among Nunavummiut.

On one hand, there is need for skilled labour in housing construction, maintenance and administration. There is a need for more programs that prepare Nunavummiut for employment in construction and related trades. There is also a complimentary need for job development and retention across the territory so as to increase the self-reliance of Nunavummiut and reduce the demand for social housing, which currently accounts for more than half (57.5%) of all housing Nunavut.

b. Challenges

Nunavut's short construction season limits opportunities for integrating **apprenticeship opportunities**. There are few incentives for contractors to fulfill local workforce development obligations. Communities have **limited capacity** to provide the resources required (e.g., equipment) to support on-the-job training.

There are few education and training opportunities in most communities and most programs are located in regional centres, requiring people to leave their homes and families. A lack of available housing, incentives, and related supports for non-residents to pursue programs outside their community present further barriers in accessing education and training opportunities.

The K-12 school system is challenged to prepare students for higher education and employment opportunities. High truancy rates coupled with low graduation, numeracy and literacy levels limit the preparedness of youth for employment.

A significant constraint to the effectiveness of workforce planning and workforce development initiatives is the lack of labour market information (LMI) and analysis. Missing or incomplete labour market information (LMI) representing the capacities and needs of both the private sector and government prevents an accurate picture of the employment, training and education gaps across the territory. This limits effective planning and resource allocation for programs and services to address these gaps.

There are also a number of social challenges stemming from Nunavut's history with residential schools and poverty that prevent more Inuit from accessing education opportunities.

c. Potential Solutions

Identification of **opportunities for partnerships and better coordination** between departments involved in local workforce development (e.g., DFS, EDT, NAC, EDU) is key to strengthening Nunavut's capacity to meet the demands for housing and associated infrastructure.

Participants proposed the development of a comprehensive training continuum that outlines all existing programs and spending that support, or could be used to support

and sustain ongoing training and skills development. The continuum would align with adult education, career development, income support, etc., and would help identify training gaps through tools such as surveys. This continuum should integrate a single point of access for incoming trainees, workers and employers to manage their progress and avoid duplication of efforts by multiple departments and agencies.

Participants stated there is need to decentralize training and trades opportunities by establishing more training initiatives / programs across the territory, such as mobile apprenticeship/training programs. These programs should be Nunavut-specific and flexible to meet the needs of participants and employers. A number of incentive approaches exist such as wage subsidies and job grants.

Participants noted that **community partnerships** with RIAs, LHOs and other local/ regional organizations should be established to enhance **municipal training programs** to build hamlet capacity in a number of needed areas such as infrastructure financing and maintenance.

It was suggested that NAC, DFS, and NHC continue to work together to enhance program opportunities across communities, through work-readiness initiatives such as the G.R.E.A.T. program. In-high school co-op and "college foundation" programs can foster skills to better prepare students for trades entrance exams and post-secondary education.

Approaches to enhancing the availability and usability of Labour Market Indicators (LMI) were suggested by participants. One recommended option is to establish a formal inter-departmental forum with a mandate and workplan of tasks to address gaps in LMI, including: collection of data; housing data in a central accessible place; and analysis of these data to uncover and report on trends, gaps, and actions needed to promote workforce development. It was also noted that a review of LMI initiatives in other jurisdictions may help to inform Nunavut's path forward.

Another identified approach was the establishment of "career pathways" as a planning tool to both i) outline the education and training requirements for careers in demand and ii) to guide program offerings through NAC, DFS, EDU and other key stakeholders. It was suggested that DFS has done some work to create a Career Development Framework that may add value to this approach.

Participants raised dedication of more resources to community-based career development / liaison officers as an opportunity to help connect more graduates to potential employers. These staff can also fulfill a role in collecting community-level data to help reduce labour market information gaps and focus marketing and human resource efforts on "in demand" careers within the territory.

Government partnerships with the private sector (e.g., mining companies/ contractors) were another suggested approach to further plan for and extend training and employment opportunities to develop local and regional workforces. For example, changes to procurement and project planning processes may encourage increased local hiring and retention of labour for housing development.

Blueprint for Action on Housing

Technological Innovation

a. Issues

As noted, the costs of housing in Nunavut are significantly higher relative to the rest of Canada. There is a need to explore how technological innovation can help reduce the costs associated with building and maintaining housing. Given the high cost of utilities across the territories, more energy efficient homes and more sustainable energy solutions could have large impacts on the costs of housing over the long-term.

b. Challenges

Participants noted that across the territory, there is a shortage of skilled maintenance workers and lack of training and other resources needed to take advantage of current technologies.

There is a lack of understanding among public housing tenants of the purpose and utility of certain housing technologies (e.g., air exchange systems, digital thermostats) and why they are important. There can be a reluctance to use and challenges with maintaining existing or new technologies, which adds to the wear and tear on housing and ends up perpetuating O&M costs.

Session participants strongly agreed that any new technology requires tenant / owner buy-in to be effective. That is, the occupant of the house must understand the importance of basic home repair, maintenance, energy savings, etc. in order for the technology or tool to be effective. **Insufficient data** on technological requirements further perpetuates needs and costs.

c. Potential Solutions

Greater collaboration between GN departments and agencies on potential projects will enable more economical construction and maintenance options. Key suggested players include NHC, NAC, CGS, and QEC. As an example, it was discussed that NHC should collaborate with other departments in order to obtain more accurate and complete data on maintenance costs, among other factors.

It was suggested that partnerships with the private sector should be encouraged in order to achieve energy efficiencies.

Participants further recommended that analysis of best practices and potential standards from other jurisdictions be undertaken to help determine alternatives to build and maintain housing more efficiently. Any technological improvements proposed should be piloted first to test their applicability in the North and Nunavut, specifically. The benefits, risks and costs (construction and O&M), of specific technologies would require further analysis, using measureable data.

It was also suggested by participants that focus be directed on first improving current technological tools before turning to adopt other newer technologies that must be integrated and managed. Important questions to ask are: "Is the technology 'doable' for Nunavut?" "Is it 'learnable'?" "Is (use of) the technology 'maintainable'?"

For example, it was suggested that "passive" technologies which require minimal maintenance, follow-up or training may be applicable to housing in Nunavut. Incentives may also be productive to encourage owner/ tenant "buy-in" or support such as offering rewards to energy efficient households based on utility (heat and water) household consumption monitoring. In addition, it was noted that consultation with communities (e.g., Elders Advisory Committee) on the cultural relevance and usability of any new technology would inform decision-making and steps required for implementation.

Other innovative products such as quick assembly and high energy efficiency doors, windows, lighting, and structural insulated panel (SIP) prefabricated components may be worth piloting. To build territorial skill capacities to implement and maintain technologies, participants suggested training and specialized courses / programs such as maintenance, carpentry, and oil burner mechanics.

Lastly, participants raised an interest in further exploration of alternative energy sources, and technologies to foster climate change adaptation. QEC for example, is looking into the use of solar panels, and suggested harnessing waste heat in all communities and a forthcoming net-metering policy as opportunities for NHC and small IPPS.

Municipal Financing

a. Issues

The operation and maintenance costs for social housing are significant and increasing year over year. A contributing factor in this is the municipal financing structure, or more specifically the cost of water, power and sewage services. According to the NHC, water and sewage costs account for nearly a third (\$42.1 million) of all public housing costs annually, with only a small percentage of these costs being recovered through rental revenues. Financial assistance from the GN to municipalities to offset the cost of water and sewer services has not increased since 1994.

b. Challenges

There are challenges in planning for municipal financing that are unique to each community. Expenditures are categorized and included in community sustainability plans but it is difficult to determine priorities for the effective and equitable allocation of funding across the 25 communities. A lack of coordination and oversight results in high costs to the NHC for municipal services that support housing. There is also a lack of clear service delivery standards for services such as water available from municipalities on issues such as spillage and overfilling. NHC requires this information in order to adjust the design of housing units.

Capacity issues at the community level due to low recruitment, high turnover and lack of training impact service delivery effectiveness and efficiency. Issues with maintenance, infrastructure, qualified staff, and scheduling at the community level affect GN departments such as CGS who are responsible for supporting municipal planning processes.

c. Potential Solutions

The session participants discussed potential opportunities to investigate ways of increasing private ownership to alleviate pressures on NHC. It was suggested that there be multiple partners (government and private) to offset costs, including collaboration with RIAs for services on Inuit owned lands as one possible option.

Participants suggested that **profiling demographics** will help to identify gaps and areas to focus to encourage **expansion of the private market / market rents**. Large communities where demand and costs are highest make sense to target first. It is possible that different housing tenures (e.g., young professionals, individuals enrolled in home ownership programs) will lend themselves to market rental structures more easily.

It was suggested that more efficient delivery of services will potentially reduce high housing service delivery costs to Hamlets and the NHC. Greater oversight of rate charges and operating costs may provide transparency on hidden subsidies and true costs to NHC and others. For example, recalibration of water meters may be one mechanism worth piloting.

The participants shared that municipalities also need to come forward and identify challenges with current financing models they experience and specific training needs with currently operating forums to provide a platform to discuss these opportunities.

Participants agreed that borrowing best practices from communities that have been successful in managing their budgets will help other communities to become more efficient.

Lastly, a program review of the Water Sewer Service Subsidy Policy (WSSSP) was conducted in November 2015 to better understand how the transparency of the subsidy and its allocation can be improved. CGS' subsidy for infrastructure has increased based on need (population) and there is an impetus to review the criteria for determining subsidy levels for water and sewage, and rates charged to NHC. A working group composed of municipal, CGS, and NHC staff will be established to begin the implementation of these recommendations. It was suggested that this working group and the recommendations it will implement will assist in providing a solution to this challenge.

The following tables provide a summary of the issues and solutions that were raised in the round one engagement sessions, as well as action items and roles for their implementation (TBD during round 2), for each topic of discussion. There was general consensus from participants on the identified issues, potential solutions and action items presented below. The purpose of round two is to confirm / validate what we heard in round one and further develop action items, roles and responsibilities, and timelines for the Blueprint for Action on Housing (BPOAH).

Workforce Development

			employment in the mining sector. NAC has received accreditation for the Oil Burner Mechanic, Construction Electrician, Plumbing, Housing Maintainer, and Carpentry Programs. Over the next few years, the College will prepare for accreditation of Welder Millwright, Heavy Duty Equipment Technician and Automotive Technician programs in both apprenticeship and pre-apprenticeship.	Develop an approach for NHC and CGS (MTO / municipalities) to partner to create work coop terms and to provide apprenticeship opportunities. -Establish a wage incentive program for skilled workers to come to Nunavut to provide training/ supervision of apprentices.	Identification of opportunities for better coordination between departments involved in local workforce development (e.g., DFs, EDT, NAC, CGS, EDU, etc.) key to strengthening Nunavut's capacity to meet the demands for housing and associated infrastructure.	trades. There is lack of a coordinated approach across government and other agencies to enhance workforce development.
			-NHC coordinates the training, mentoring, development and staffing opportunities for Nunavut Land Claim Agreement beneficiaries within NHC. An employment succession plan to establish a long-term path for Inuit employees to progress through NHC positions is under development. -NAC has committed to increase post-secondary and apprenticeship opportunities in all occupational categories with an emphasis on workforce development - including Pre-trades, Adult Basic Education, College Foundations, and Pathway to Adult Secondary School Diploma programs. -NAC is working to establish an Equipment Training Centre and Mine Training Centre to expand	-Conduct a gap analysis / develop tools that would help identify training gaps in the continuum, such as surveys. -Build more supports for pre-trades training and make the process (i.e., along the training continuum) more transparent. -Develop a 'joint' website dedicated to linking all of the programs, as well as cross training of frontline staff on all of the various departmental programs (i.e., 'one portal' for clients).	-Another identified approach was the establishment of "career pathways" as a planning tool to both i) outline the education and training requirements for careers in demand and ii) to guide program offerings through NAC, DFS, EDU and other key stakeholders, It was suggested that DFS has done some work to create a Career Development Framework that may add value to this approach. -Participants proposed the development of a comprehensive training continuum that outlines all existing programs and spending that support, or could be used to support and sustain ongoing training and skills development. (This continuum should integrate a single point of access for incoming trainees, workers and employers to manage their progress and avoid duplication of efforts by multiple departments and agencies.)	A lack of skilled workers inflate housing and infrastructure construction, maintenance and administration costs. Nunavut's short construction season and lack of appropriate compensation for skilled trades (e.g., multi-red-seal tradespersons) limits opportunities for integrating apprenticeship opportunities. There is a need for more programs that prepare Nunavummiut for employment in construction and related
Timeline	Oversight Committee	Parties Involved in Implementation & Lead/Support	Existing Initiatives	Action Item(s)	Potential Solution(s)	Issue / Challenges

expand student employment opportunities in non-decentralized
the GN Human Resource Strategy. The Department has committed to
of Finance is evaluating the implementation of priorities set in
-Working with EIA. the Department
programs and services such as the
through delivery of training
their Inuit employment plans
that GN departments and public
division is responsible for ensuring
Within the EIA the Siving agaticilit
Occupations Certification Act
Assistance Act and the
undertake reviews of the Social
assistance programs and plans to
raise awareness of income
assistance clients. DFS continues to
readiness capacity of income
committed to improve services and
Income Assistance branches have
-DFS Career Development and
work readiness program.
Employment and Training (GREAT)
implement the Getting Ready for
-With NAC. DFS has been working to
GN Business Plan Priorities (2016-
Occupations Certification Act.
Apprenticeshin Trades and
from revisions to the Social
and policy changes that emerge
-DFS plans to implement program
Existing Initiatives

				example: Use of supply ship and Erect tendering methods		
				-Draft Action Plan: Implement Lessons Learned from the Nunavut Housing Trust Initiative. For		
				-Revise procurement and project planning processes to improve rates of local hire and retention of labour for housing development	- <u>Draft Action Plan</u> : Research and develop plans to ensure new construction is delivered efficiently.	There are few incentives for contractors to fulfill local workforce development obligations.
			of Nunavut's public service workforce.			
			strengthen the capacity and skills			(e.g., on-the-iob training).
			retention of Nunavummiut and			equipment) to support
			enhance the recruitment and			required (e.g.,
			(2014-2018) sets out actions to		maintenance.	provide the resources
			The GN Human Resource Strategy		areas such as infrastructure financing and	limited capacity to
			GN Strategic Plans		-Build hamlet capacity in a number of needed	Communities have
			education and employment.			
			students for post-secondary			
			that school curriculum prepares			
			and School Services branch ensures			
			School program. The Curriculum			
			for the Pathway to Adult Secondary			
			-Ine Department of Education is			
			1			
			apprenticeship program.			
			market programs and the			
			Students (FANS) programs, labour			
			provide information on the			
			Centres, and to NAC students to			
			schools, Community Learning			
			branch does outreach to high			
			The DES Career Development			
			employment with the GN.			
			Nunavummiut youth for			
			Student Employment Equity			
			participation in the Summer			
			communities and has increased			
		& Lead/Support				
		Implementation				
	Committee	5	0			
Timeline	Oversight	Parties Involved	Evicting Initiatives	Action Item(c)	Potential Solution(c)	leene / Challengee

			recruit and hire apprentices in the skilled trades that the GN requires.			
			role to identify opportunities to			
			(DFS) and Community and			
			Departments of Family Services			
			Strategy (2014-2018) the		workforces.	
			Under the GN Human Resource		opportunities to develop local and regional	
			GN Strategic Plans	demand" careers within the territory.	plan for and extend training and employment	gaps.
				marketing and human resource efforts on "in	were another suggested approach to further	services to address these
			employment opportunities.	labour market information gaps and focus	sector (e.g., mining companies/ contractors)	for programs and
			Nunavummiut youth with	collecting community-level data to help reduce	Government partnerships with the private	and resource allocation
			program to better connect	-Engage career development / liaison officers in		limits effective planning
			implement a labour market		inform Nunavut's path forward.	across the territory. This
			a review of best practices to	demand" careers within the territory	initiatives in other jurisdictions may help to	and education gaps
			-Longer-term DFS priorities include	marketing and human resource efforts on "in	-It was also noted that a review of LMI	employment, training
				labour market information gaps and focus		picture of the
			sectors.	Collect community-level data to help reduce	promote workforce development.	prevents an accurate
			across the territory's employment		report on trends, gaps, and actions needed to	and government
			allocations and training activities	jurisdictions	and analysis of these data to uncover and	both the private sector
			Nunavut in order to inform funding	-Conduct a review of LMI initiatives in other	housing data in a central accessible place;	capacities and needs of
			and labour market needs in		gaps in LMI, including: collection of data;	representing the
			-DFS collects data on labour gaps	in LMI	mandate and work plan of tasks to address	information (LMI)
			19)		formal inter-departmental forum with a	labour market
			GN Business Plan Priorities (2016-	-Establish a formal inter-departmental forum with	-One recommended option is to establish a	Missing or incomplete
				apprentices, and apprentices with contractors.		
				connect journeypersons with available		
				construction. For example, develop means to		
				supporting apprenticeships in housing		
				-Draft Action Plan: Identify additional means of		
				training and other initiatives		
				and accounted for before incorporating		
				 Ensure incremental costs are understood 		
		& Lead/Support				
		Implementation				
	Committee	ji				0
Timeline	Oversight	Parties Involved	Existing Initiatives	Action Item(s)	Potential Solution(s)	Issue / Challenges

Technological Innovation

Issue / Challenges	Potential Solution(s)	Action Item(s)	Existing Initiatives	Parties Involved in	Oversight	Timeline
				Implementation & Lead/Support	Committee	
Insufficient data on technological solutions,	-A recommended approach to the adoption of technological improvements is to first pilot any					
including applicability and	new technologies to test their applicability in the					
perpetuates needs and	inoral alla inaliana, specifically.					
costs.	-Analyze the benefits, risks and costs (construction					
	and O&M), of specific technologies, using					
	measureable data. Important questions to ask are:					
	~					
	'learnable'?" "Is (use of) the technology					
	'maintainable?"					
	-One suggested approach is to focus on first					
	improving current technological tools before					
	turning to adopt other newer technologies that					
	must be integrated and managed.					
High operations costs,	-Implement innovative products that will provide	-QEC is looking into the use of solar panels, and	GN Business Plan Priorities (2016-19)	GN Energy		
including utilities account	cost savings in O&M such as quick assembly and	suggested harnessing waste heat in all communities	-EDT has committed to support	Secretariat		
for a significant percentage	high energy efficiency doors, windows, lighting,	and a forthcoming net-metering policy as	the	EDT		
or nousing costs.	and structural insulated panel (SIP) prelabricated	opportunities for NHC and small independent	QEC'S Energy Management Group			
	components may be worth piloting.	Power Producers (IPPS).	(EMG) in exploring opportunities for energy savings as well as potential	Environment		
	-Partnerships with the private sector and with the	-Examine the effectiveness of implementing 'control	alternative renewable energy.			
	GN Energy Secretariat should be encouraged in	systems' in buildings. This tool has been successful				
	order to achieve energy efficiencies.	in Iqaluit, resulting in savings and is being rolled out	-With NHC, EDT is currently			
		in Kivalliq. Similar approaches might be using	determining the feasibility of adding			
	-Explore integration of business lines to achieve	temperature monitoring systems that remotely	solar hot water systems to new and			
	efficiencies in service delivery.	inform is there is an issue instead of employing staff	existing multiplex housing units.			
		to perform maintenance checks.)				
	-Further exploration of alternative energy sources,		-The Department of Environment,			
	and technologies (e.g., retrofits) to foster climate	-Draft Action Plan: Research developments in	Climate Change section is focused on			
	change adaptation.	innovative technology that support climate change	community-based adaptation to			
		adaptation, and energy and water efficiency	climate change, including changes to			
		initiatives.	intrastructure.			
			-EDT and the Energy Secretariat are			
			responsible for implementation of			
			Ikummatiit – the GN's Energy Strategy			
			(2007) – to address the territory's			
			dependence on imported fossil fuels.			
			GN Stratogic Plans			
			The Energy Strategy sets policy and			
			planning objectives for the GN, such			

pacity ent, er to	Issue / Challenges	Potential Solution(s)	Action Item(s)	Existing Initiatives
r to r to be				
r to r to				
r to r to be				
r to r to be				
r to				
t t	Lack of in-territory capacity	-To build territorial skill capacities to implement	-Work with the High Arctic Research Station on	h Station on
r to	to effectively implement,	and maintain technologies, participants suggested	waste to energy systems; alternative energy	ive energy
be bettear	manage and use technologies is a barrier to	training and specialized courses / programs such as maintenance, carpentry, and oil burner	systems, and other innovations	
be bests.	achieving efficiencies.	mechanics.	-National Research Suppression – examine new fire suppression systems to reduce building fires	- examine new fire uilding fires
be bests.			-Draft Action Plan: Identify ways NHC can reduce administrative burden on Local Housing	NHC can reduce lousing
.al be be tear			Organizations. For example, continue process of streamlining financial management procedures	tinue process of ent procedures
be bear tear	-		begun with the automation of utility billing.	tility billing.
ial be be tear	There is a lack of understanding of the	-Explore approaches to gain tenant / owner buy-in to enhance the effectiveness of technologies	-Search for "passive" technologies which require minimal maintenance, follow-up or training and are	es which require or training and are
tear tear	purpose and utility of certain housing	adopted by the GN. For example, academic research on Inuit preferences re: housing design	applicable to housing in Nunavut.	Jt.
tear osts.	exchange systems, digital thermostats); there can be	-Undertake consultation with communities (e.g.,	encourage owner/ tenant "buy-in" or support such as offering rewards to energy efficient households	in" or support such fficient households
	maintain technologies,	rider's Advisory Committee) on the cultural relevance and usability of any new technology to inform decision-making on technological	consumption monitoring.	nousenoid
implementation.	on housing and O&M costs.	applicability and steps required for implementation.	-Draft Action Plan: Improve engagement and communication with NHC's tenants to promote a	ement and s to promote a

	Issue / Challenges
	Potential Solution(s)
sense of personal responsibility for conservation and unit up keep. For example, a tenant awareness campaign to engage public housing tenants and encourage proper care of their home.	Action Item(s)
ation areness and	Existing Initiatives
	Parties Involved in Oversight Implementation & Committee Lead/Support
	Timeline

Municipal Financing

Issue / Challenges	Potential Solution(s)	Action Item(s)	Existing initiatives	Parties Involved in Implementation & Lead/Support	Oversight Committee	Timeline
Financial Financial assistance to municipalities has not increased since 1994. The operation and maintenance costs for social housing	-Examine existing municipal financing structure and the role of utility charges in reconciling municipal budgets. -Explore potential alternative financing models, including increased investment from the GN. -municipalities also need to come forward and identify challenges with current financing models they experience and specific training needs.		Pre-engagement Interviews -CGS is conducting a review of the municipal financing structure. The results of this review may impact the delivery of municipal services.	Key suggested players include NHC, NAC, CGS, and QEC		
are increasing year over year for water,	 -More efficient delivery of services will potentially reduce high housing service delivery costs to 	-Review the criteria for determining subsidy levels and rates charged to NHC.	-CGS is working on a formula funding review. The review found that the formula funding			
power, and sewage services, with only	Hamlets and the NHC. -Greater oversight of rate charges and operating		approach was a good one, and that other jurisdictions (NWT/Yukon) are considering			
a small percentage of these costs being	costs may provide transparency on hidden subsidies and true costs to NHC and others.	 <u>Draft Action Plan</u>: Review electrical rate structure and a Public Housing user pay 	adopting that approach.			
recovered through	ng private ownership to	program to rationalize costs.				
 Difficult to 	-Using profiling demographics will help to identify	streamlining financial management				
determine	<u>_</u>	procedures begun with the automation of				
effective and	-Explore changes to billing methods for residential	-Draft Action Plan: Review rent scale and rent				
equitable allocation	units. For example, CGS could implement a	scale software to find ways to simplify				
the 25	operates.	- <u>Draft Action Plan:</u> Perform cost-benefit				
communities.	-update funding formula cost drivers / inputs to	analysis on NHC Unit Condition Rating and				
 NHC has difficultly establishing 	reflect current realities e.g., 'forced growth' needs to be included in the fiscal budget cycle.	utility databases to determine the ability to realize savings.				
budgetary horizons	-Draft Action Plan: Identify ways in which NHC can					
when water and	reduce administrative burden on Local Housing					
sewer rates are	Organizations					
subject to change	-Draft Action Plan: Review NHC maintenance					
municipality's need	C					
to balance the						

Issue / Challenges	Potential Solution(s)	Action Item(s)	Existing Initiatives	Parties Involved	Oversight	Timeline
				in Implementation & Lead/Support	Committee	
books.						
Standards:	Devolop a 'consider level standard' in collaboration	Draft Action Blan: Enhance inconction and				
o There is a lack of	with NAM and NAMA, based on best practices for	improvement programs to expand unit		Secretariat:		
	reducing operating costs. Include incentives for	monitoring and upkeep.		EDT:		
delivery standards	municipalities to control costs (as all costs are paid	-Draft Action Plan: Improve engagement and		QEC;		
available from	by GN/NHC (the only 'economic rate' payers).	communication with NHC's tenants to		Environment		
issues such as	-One approach is for PPD rates and municipal	a sense of personal responsibility for				
spillage and	water rates to all flow through a more robust utility	conservation and unit up keep.				
overfilling. NHC	rate review process. A jurisdictional scan may help	-Draft Action Plan: A tenant awareness				
requires this	guide the development of such a process.	campaign to engage public housing tenants				
information in		and encourage proper care of their nome.				
design of housing	public housing units by improving maintenance and	guides and material standards to reduce				
units.	material standards.	maintenance costs and increase life of				
		housing components.				
Municipal capacity	-Borrowing best practices from communities that		-CGS Community Development provides			
maintenance,	will help other communities to become more		financial support to communities to develop			
infrastructure,	efficient.		self-reliance and improve service delivery			
qualified staff, and			capacities. The Community Development			
community level			and development to increase capacity in			
affect GN			program management and delivery,			
departments such			monitoring and self-evaluation.			
as CGS who are						
responsible for						
municipal planning						
processes.						
Capacity issues at						
level due to low						
recruitment, high						
of training impacts						
of training impacts service delivery						
effectiveness and						
efficiency.						
9.	In continue the level and appropriate some of	-Recalibration of water meters may be one				
	- III A Cool Bacilly and I exer all a appropriate is so of	meeriamsin woren prioans.				

Issue / Challenges	Potential Solution(s)	Action Item(s)	Existing Initiatives	Parties Involved in	d Oversight Committee	Timeline
				Implementation		
				& Lead/Support		
coordination and	control given to municipalities in regulating and	-Establish the territorial - municipal working	-A review of the WSSP Subsidy program was			
oversight results in	determining the costs of municipal services and	group to begin implementing	conducted in November 2015.			
high costs to the	land development	recommendations from the Water Sewer				
NHC for municipal		Service Subsidy Policy program reviews. (CGS,				
services that		NHC, and municipalities).				
support housing.		-Draft Action Plan: Consider the regulation of				
		municipal services				