Working together to accelerate affordable housing!



Peter Corbyn, P.Eng. NBNPHA May 25, 2023



LA PÉNURIE DE **LOGEMENTS AU NOUVEAU-BRUNSWICK:**

mieux comprendre le défi et les enjeux

Préparé par : Richard Saillant















NEW BRUNSWICK'S HOUSING CRUNCH:

Scoping out the Challenge and the Stakes

Prepared by Richard Saillant

Presented by:



In partnership with:







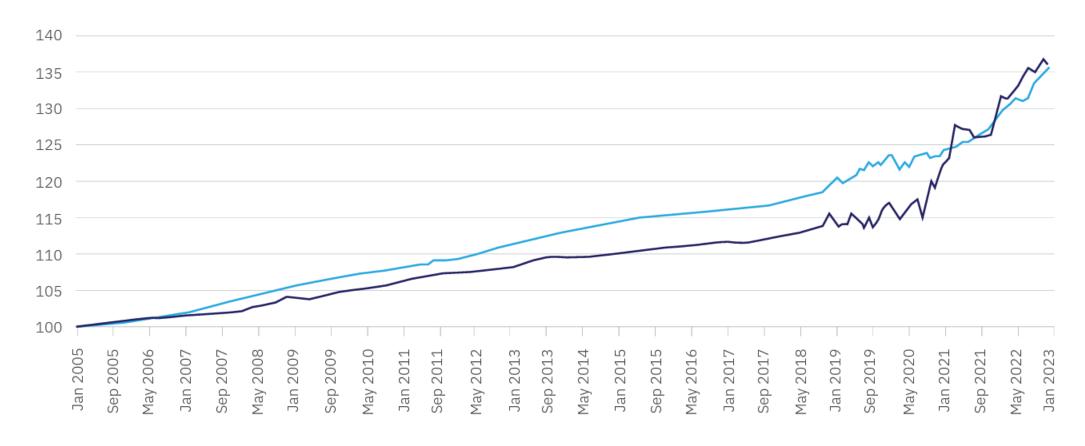






Chart 2: Rents
January 2005 to February 2023 • January 2005 = 100

(Statistics Canada, CANSIM table 18-10-0004-01)



📘 Canada New Brunswick

Chart 4: Annual (twelve-month) housing starts and population growth New Brunswick, Q1 1971 to Q4 2022

(Statistics Canada, CANSIM tables 17-10-0009-01 and 34-10-0135-01)

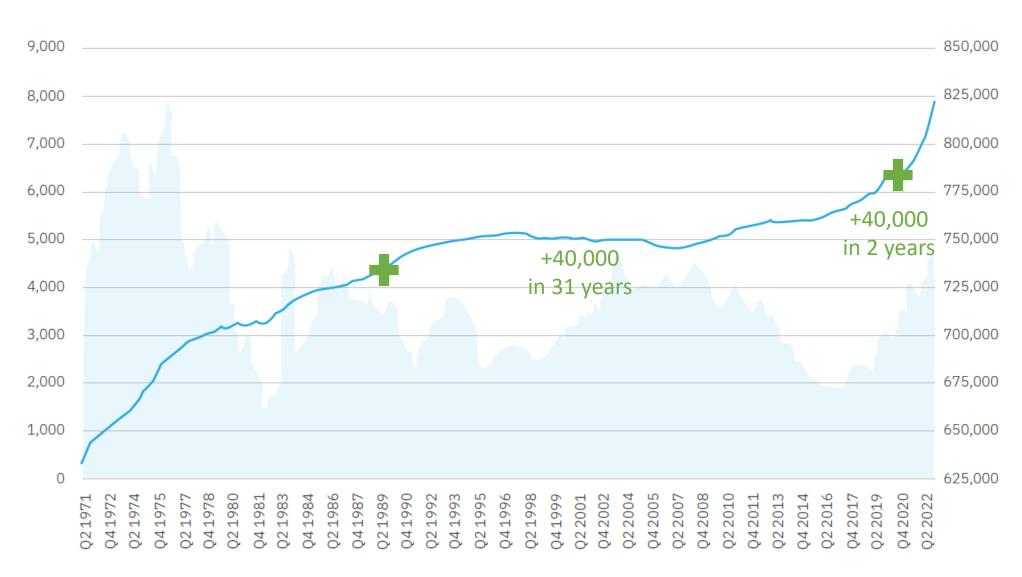


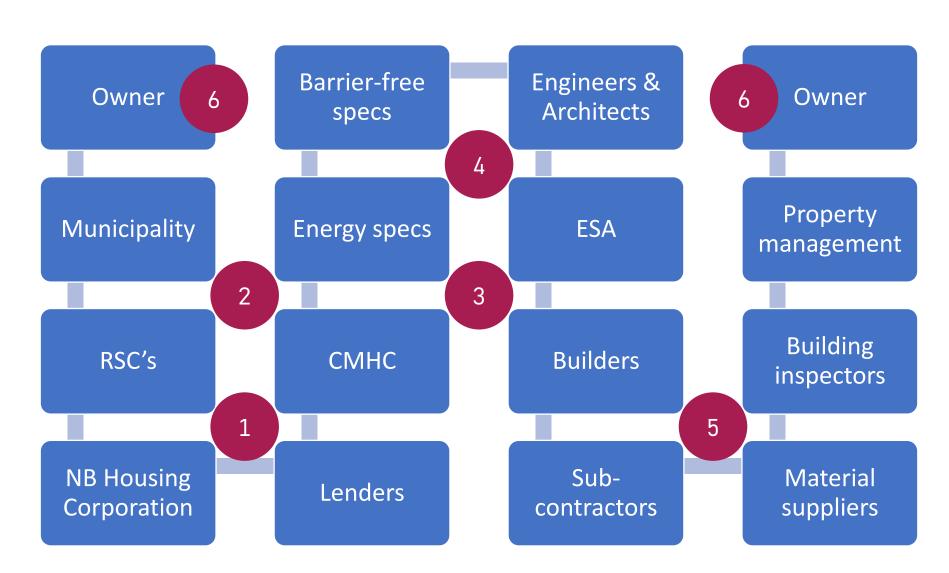
Chart 9: Change in Rental Units 2016-2021 by Monthly | Shelter Cost, New Brunswick

(Data compiled by the BCNPHA from census 2016 and 2021)



Accelerating the supply chain

- Housing Information System
- Rural water and Wastewater
- 3. Energy Efficiency
- 4. Barrier-Free and Green Building Policy
- Project management and design
- 6. Financial Aggregation



DATA



SORTED



ARRANGED



PRESENTED VISUALLY



EXPLAINED WITH A STORY



ACTIONABLE (USEFUL)



1. HOUSING INFORMATION SYSTEM

- We need a lot of housing
- How much and where?

2. RURAL WATER AND WASTEWATER

- We need to build in rural areas
- It is done in NS and PEI, why not here?

3. ENERGY EFFICIENCY

- We need to be energy efficient
- What products and building specifications?

4. BARRIER FREE

- We need accessible units
- How do we design and approve those quickly?

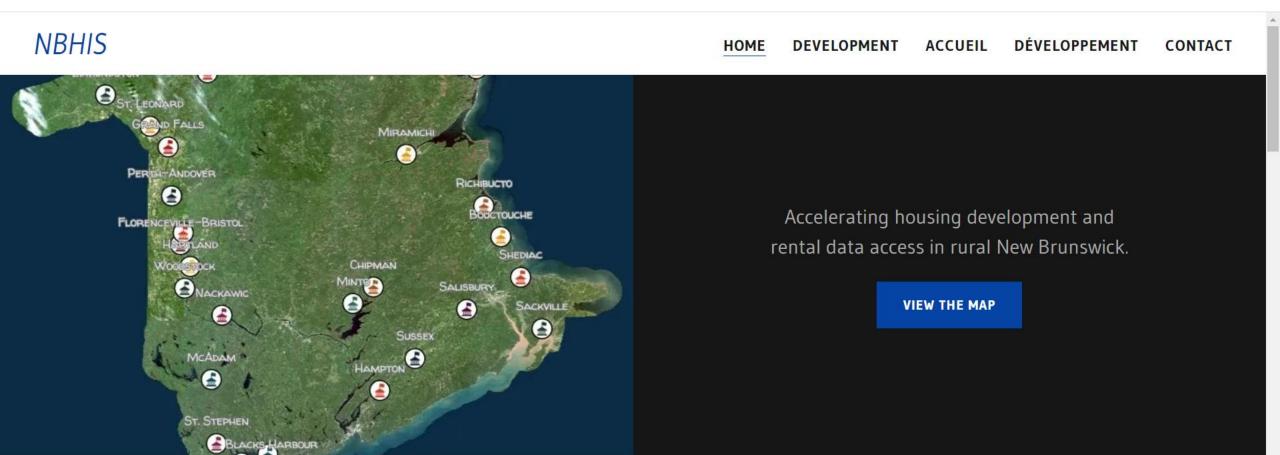
5. PPROJECT MANAGEMENT

 We need to build quickly and need contractors and skilled trades people

6. FINANCIAL AGGREGATION

How much collective equity can we deploy





NEW BRUNSWICK HOUSING INFORMATION SYSTEM (NBHIS)

Rural New Brunswick is facing a housing crisis. We need to almost double the number of housing starts relative to the 1990's to grow our workforce by 0.5% to provide housing for a growing number of new Canadians, youth, and seniors in these communities. More people are retiring than entering the workforce, so we need to grow our population, and those newcomers need a home with dignity.









For municipal resources, click on the town's icon.

Municipal and Rental Data





Woodstock

Population (2021): 5553 Change from previous census (2016): 6% Median monthly shelter costs for rented dwellings

\$735

-11% lower than provincial median shelter costs

Median Household Income (2021)

\$60,000

-14% lower than provincial median household income

Total Private Dwellings

Data not available



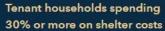
Source: Statistics Canada, CMHC, **SNBSC Housing** Report, Asset Map Scope, Social Development

Vacancy rate

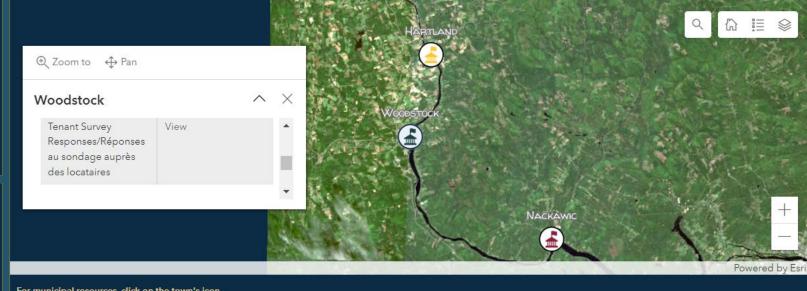
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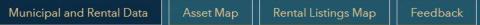








For municipal resources, click on the town's icon.

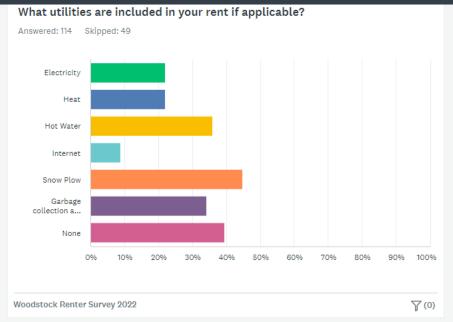


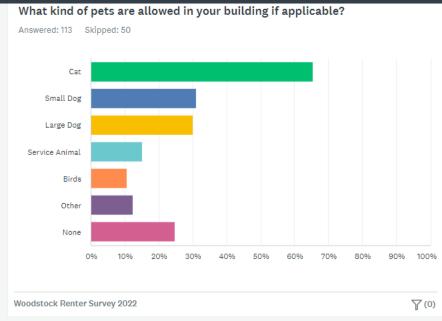




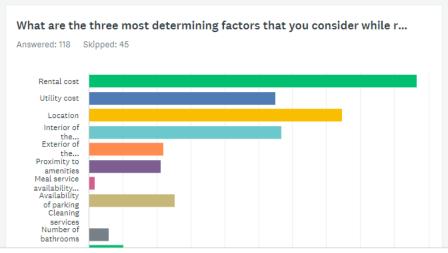
Available properties in map window

MMR Source Social Developme











Municipal and Rental Data

Asset Map

Rental Listings Map

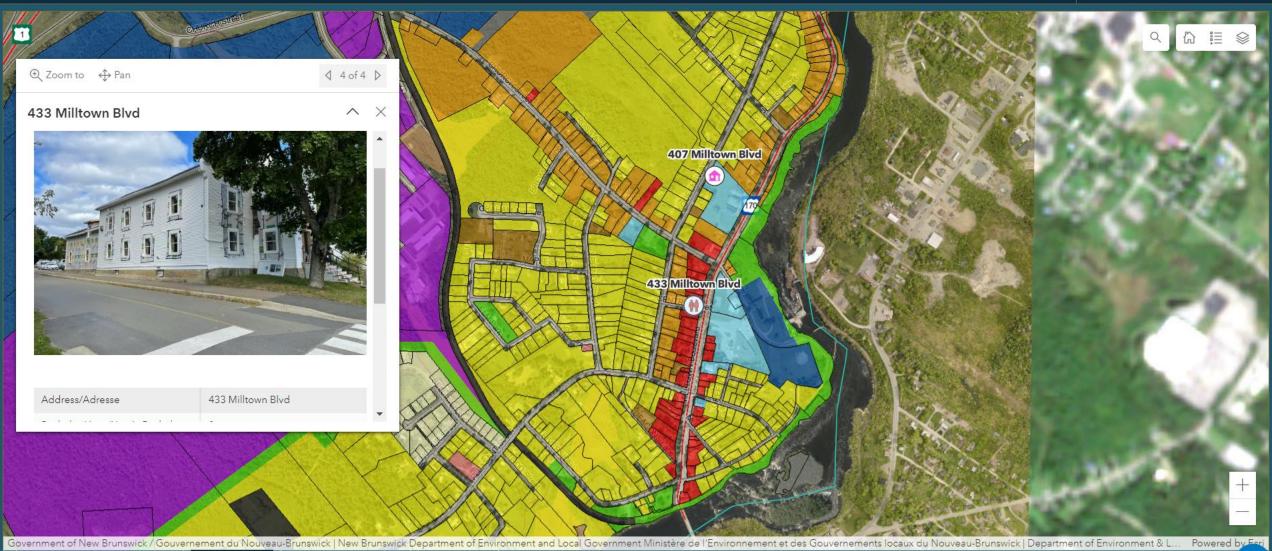
Feedback

NBNPHA's Housing Information System (HIS)







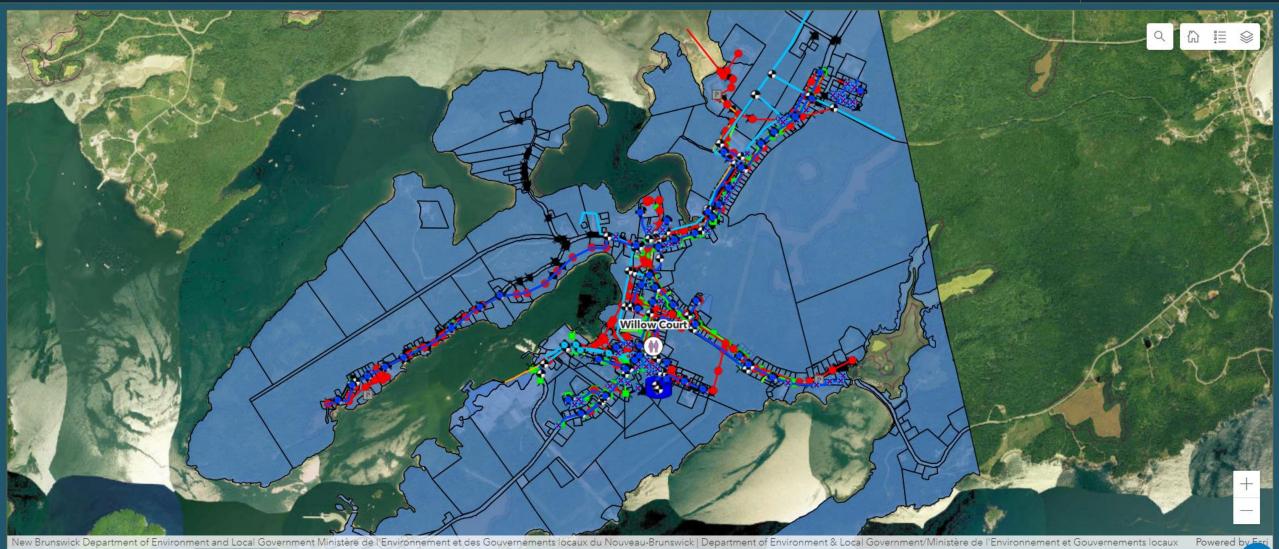


Municipal and Rental Data

Asset Map

Rental Listings Map

Feedback



Municipal and Rental Data

Asset Map

Rental Listings Map

-eedback







Population (2021): 12157 Change from previous census (2016): 2% Median monthly shelter costs for rented dwellings

\$655

-21% lower than provincial median shelter costs

Median Household Income (2021)

\$54,800

-22% lower than provincial median household income

Total Private Dwellings



Source: Statistics Canada, CMHC, **SNBSC Housing** Report, Asset Map Scope, Social Development

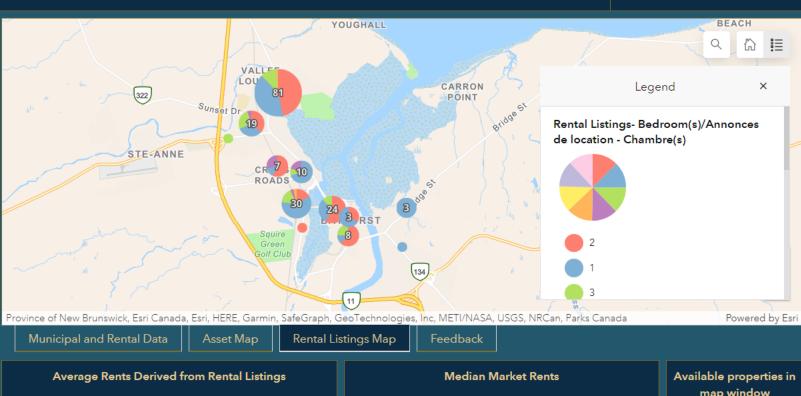
Vacancy rate

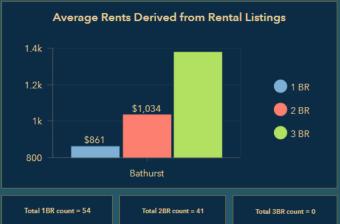
households

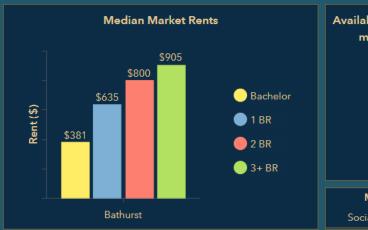
Needs urgent housing









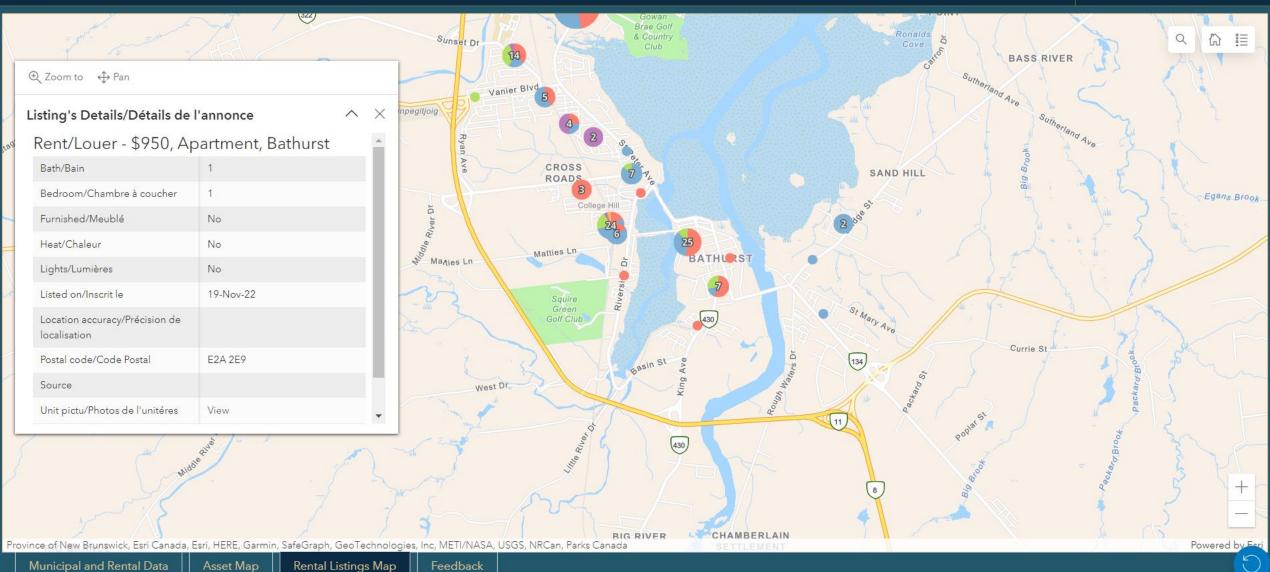


map window

MMR Source Social Developme











- ▶ ▲ My Drive
- **□** Computers
- Shared with me
- Recent
- ☆ Starred
- Spam
- Bin
- Storage

96.74 GB of 200 GB used

Get more storage

Q Search in Drive















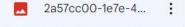
File type 🔻

People -

Last modified -

Files







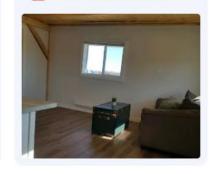
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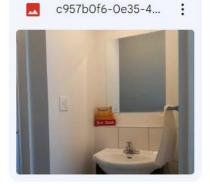
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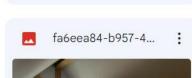
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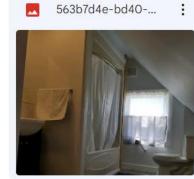






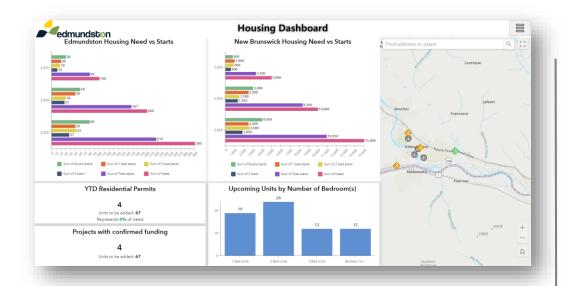


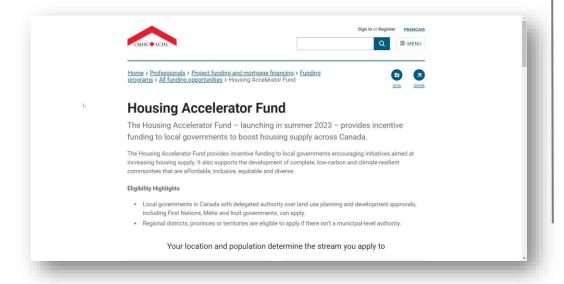


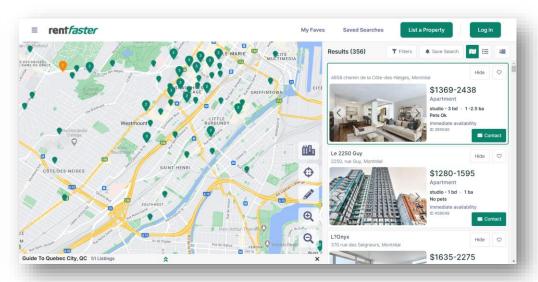
















APPENDIX D - Estimated Daily Sewage Flows

FACILITY	PEAK FLOW (LPD)					
RESIDENTIAL						
1 bedroom unit	750					
2bedroom unit	1022					
3 bedroom unit	1365					
4 bedroom unit	1705					
Each additional bedroom unit	350 per bedroom					
ASSEMBLY HALLS/THEATRES/FUNERAL PARLOURS, etc. With kitchen 30 per seat/person (based on occupancy load)						
Without kitchen	20 per seat/person (based on occupancy load)					
MEDICAL/PERSONAL CARE	700 per abair plus 75 per stoff					
Dental Office Medical Hespital (no resident personnel)	760 per chair plus 75 per staff					
Medical Hospital (no resident personnel) Medical Office	630 per bed					
Mental Institutions	275 per practitioner plus 75 per staff					
	400 per bed plus 75 per staff					
Nursing Homes	450 per bed plus 75 per staff					





Energy Efficiency Workshops and NB Power Partnership



Environmental Trust Fund (ETF) Workshops

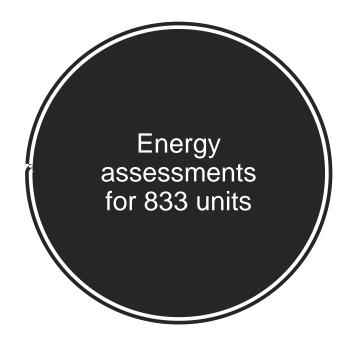


NB Power Audit Program

Workshops

- Five workshops November 2022
- 35 members





• • • •	Total estimated annual sector energy costs	\$11,000,000
	Total estimated potential annual savings	\$2,900,000
\$	Savings per unit if all measures implemented	27%
<u>~~</u>	Overall payback if all measures implemented	19 years
	Total estimated potential GHG reduction	4,900 T CO _{2e}
	Sector total area	6,300,000 SF



833 units consist of:

- 241 studio units 29%
- 492 one-bed units 59%
- 62 two-bed units 7%
- 38 three-bed units 5%

Primary electric baseboard heat

• 88%

Rented hot water heaters

Virtually all except for large murbs with oil fired heaters

Average age for all appliances

• 11 years

Who pays the rent

• 86% tenant, 14% landlord

Units with air conditioning

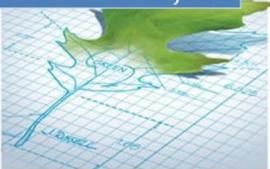
• 4%

Units with mini-splits

• 2%



Province of New Brunswick **Green Building Policy** for New Construction & Major Renovation Projects







For Home For Business For Community Education and Tips Get Started Q

Hello > For Business

For Business Money to help you save money



Get 25% back on energy efficient products and equipment!



Get up to \$1.25 Million back for energy saving upgrades!



Get up to \$1.5 Million for greenhouse gas reducing upgrades!

	Affordability − Rent Levels (10 year affordability commitment ¹)		Energy Efficiency and GHGs Reductions over 2017 NECB / 2015 NBC		Accessibility ²		
50 points	70 Points	100 Points	30 Points	50 Points	100 Points	20 Points	30 Points
10% of units at 30% of median renter income	15% of units at 30% of median renter income	25% of units at 30% of median renter income	20% above code	25% above code	40% above code	Min. 15% of the units are considered accessible in accordance with the CSA standard B651-18 OR Min. 15% of units are universal design. OR The building receives Rick Hansen Foundation Accessibility Certification (60%-79% score)	Min. 15% of units are considered accessible in accordance with the CSA standard B651-18 and Min. 85% of units are universal design. OR 100% of units are universal design OR 100% of units are accessible in accordance with the CSA standard B651-18 OR The building receives Rick Hansen Foundation Accessibility Certification "Gold" (score of 80% or better)



ARRANGED



PRESENTED VISUALLY



ACTIONABLE

(USEFUL)



KEYS!

2020, c.8 Building Code Administration Act 2021-3



NEW BRUNSWICK REGULATION 2021-3 under the

RÈGLEMENT DU NOUVEAU-BRUNSWICK 2021-3

pris en vertu de la

BUILDING CODE ADMINISTRATION ACT (O.C. 2021-24)

LOI SUR L'ADMINISTRATION DU CODE DU

BÂTIMENT (D.C. 2021-24)

Filed January 28, 2021

Déposé le 28 janvier 2021

Table des mattères

1 Titre
2 Définitions

Citation
Definitions
Act — Lot
Code — Code
Code — Code
control code
control code
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SCHEDULE A

Table of Contents

établissement touristique — tourist establishment
Loi — Act
matson pour fouristes — tourist home

3 Prescription de normes ratsonnables

4 Interprétation
5 Remplacement et incompatibilité
6 Numérotation
7 Entrée en vigueur
ANNEXE A
ANNEXE B

(iii) one of which is L-shaped and located on the wall opposite the entrance to the shower, with a hortzontal member not less than 1000 mm long mounted 750 mm to 870 mm above the floor and a vertical member not less than 750 mm long mounted 400 mm to 500 mm from the stde wall on which the other vertical grab bar is mounted (See Note A-3.8.3.16.(1)(f) of the Code).

Building Code Administration Act

2020, c.8

(g) have a hinged seat that is not spring loaded, or a fixed seat with a smooth slipresistant surface and no rough edges, the seat being

(i) not less than 450 mm wide and 400 mm deep.

(ii) mounted on the same side wall as the vertical grab bar, at 460 mm to 480 mm above the floor, and

(iii) designed to carry a minimum load of 1.3 kN,

(h) have a pressure-equalizing or thermostatic-mixing valve that

(i) complies with Clause 3.8.3.8.(1) (b), and
(ii) is mounted on the wall opposite the entrance to the shower at not more than 1200 mm above the floor and within reach of the seat.

(i) have a hand-held shower head with not less than 1800 mm of flexible hose located so that

(i) can be reached from the seated position,
 (ii) can be used in a fixed position at a height

of 1200 mm and 2030 mm, and (III) does not obstruct the grab bars, and

(j) have recessed soap holders that can be reached from the seated position.

(2) If individual shower stalls are provided for use by residents and patients in buildings of Group B, Division 2 treatment occupancy, they shall conform to the requirements of Clauses (1)(a) to (1) except where

(a) common showers are provided in conformance with Clauses (1)(a) to (j), or
(b) common bathtubs equipped with hoist mechanisms to accommodate residents and patients are available.

3.8.3.17. Bathtubs

(1) Bathtubs required by Sentence 3.8.2.8.(13)

(III) l'autre, en forme de L., est fixée sur le mur opposé à l'entrée de la douche, un élément horizontal d'au moins 1 000 mm de longueur se trouvant entre 750 et 870 mm au-dessus du plancher et un élément vertical d'au moins 750 mm de moins provincial d'au moins 750 mm de moi latéral où est fixée l'autre barre d'apput verticale (votr la note A-3.8.3.16 h)f) du Code);

2021-3

g) avoir un siège articulé sans mécanisme à ressorts ou un siège fixe avec une surface lisse antidérapante sans aspérités, le siège devant être, à la fois :

(i) d'au motns 450 mm de largeur sur 400 mm de profondeur,

(ii) fixé sur le même mur latéral que la barre d'appul verticale, à une hauteur de 460 à 480 mm au-dessus du plancher,

(iii) conçu pour supporter un charge d'au moins 1,3 kN;

 h) avoir un mitigeur à pression ou un mélangeur thermostatique qui est à la fots ;

(i) conforme à l'altnéa 3.8.3.8.(1)b),

 (ii) fixé sur le mur opposé à l'entrée de la douche à une hauteur d'au plus 1 200 mm audessus du plancher et à portée du stège;

 ètre muni d'une douche-téléphone avec un tuyau flexible d'au moins 1 800 mm de longueur qui, à la fois :

(f) est atteignable en position assise.

(ii) peut être utilisée en position fixe à une hauteur comprise entre 1 200 et 2 030 mm,

 (iii) n'entrave pas l'accès aux barres d'appui;
 j) avoir un porte-savon encastré et atteignable en position assise.

(2) Les cabines de douche individuelles qui sont mises à la disposition des résidents et des patients dans les bâtiments dont l'usage principal relève du groupe B, division 2. Biablissements de trattement, doivent être confiormes aux extgences des alinéas (1)a) à j), sauf dans l'un ou l'autre des cas suivants;

 a) des douches communes sont fournies conformément aux alinéas (1)a) à j);

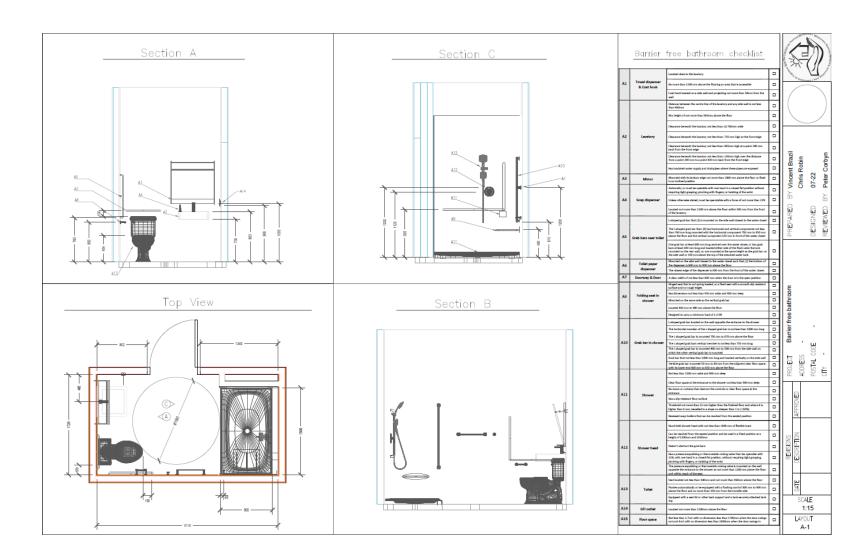
 b) des baignoires communes munies de mécanismes de levage sont mises à la disposition des résidents et des patients.

3.8.3.17. Baignoires

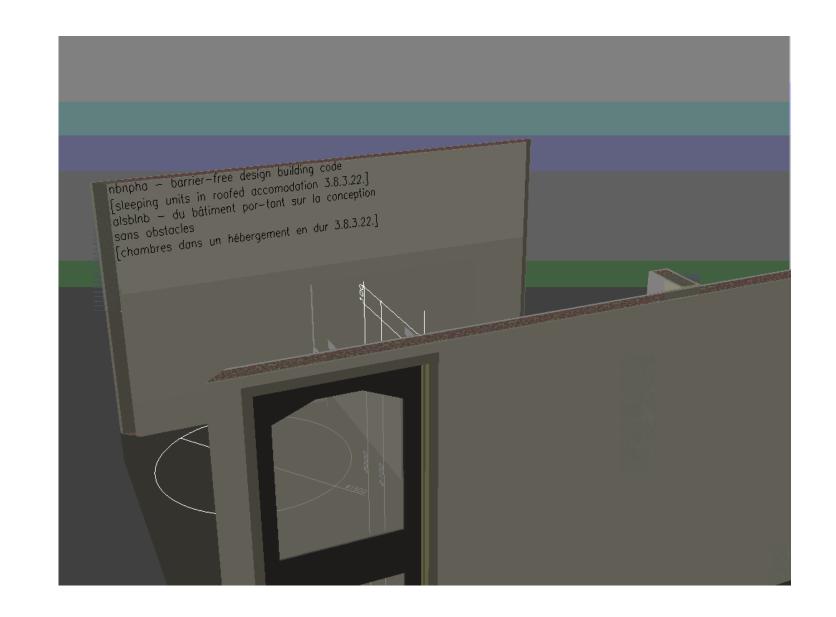
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(1) Les baignoires exigées au paragraphe 3.8.2.8.(13) doivent :







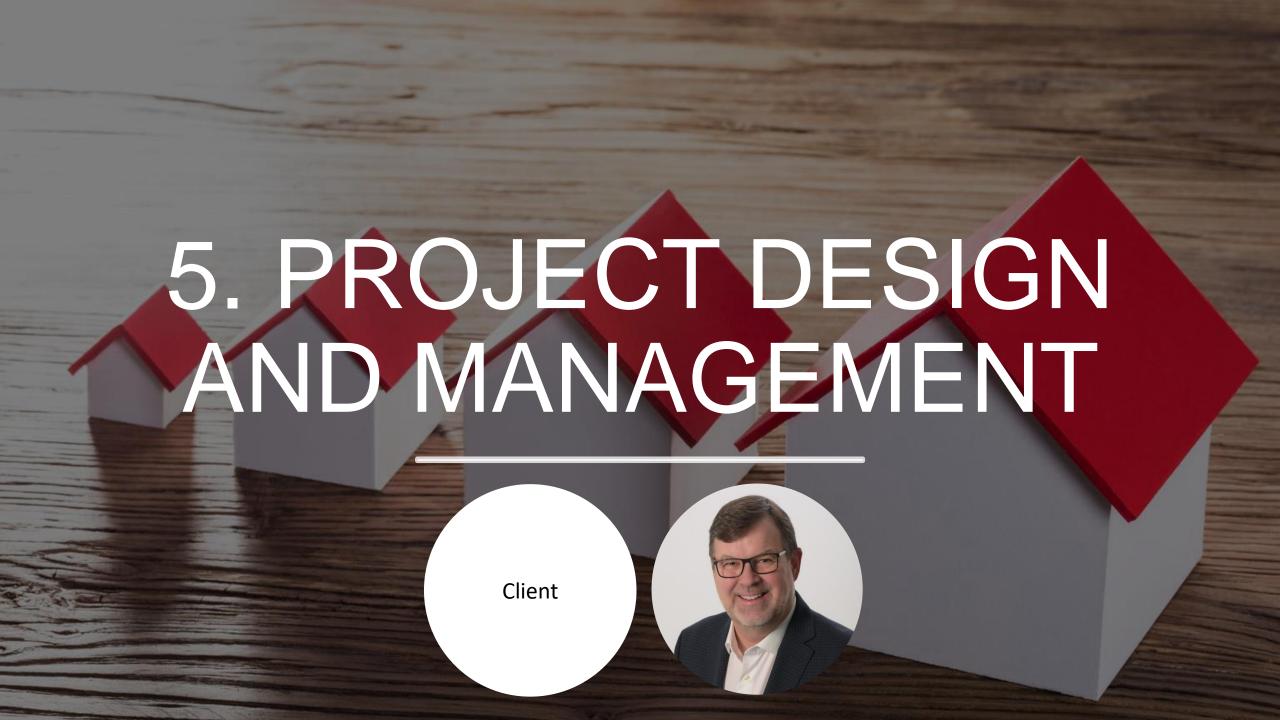


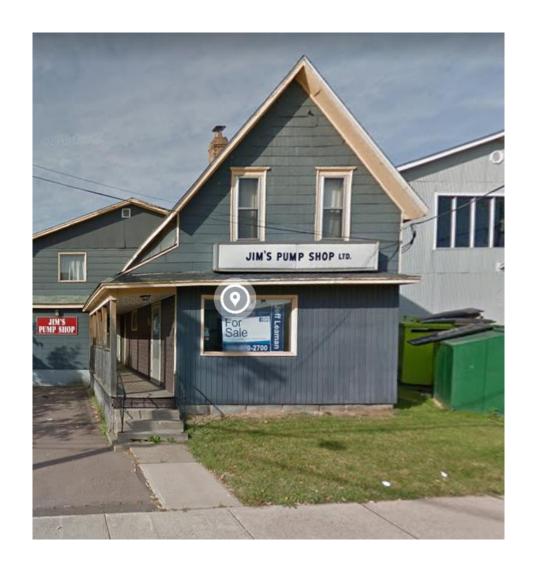






















Financial Aggregation

- Pool capital
- Consolidation
- Group buying

Huddle IS GOOD.

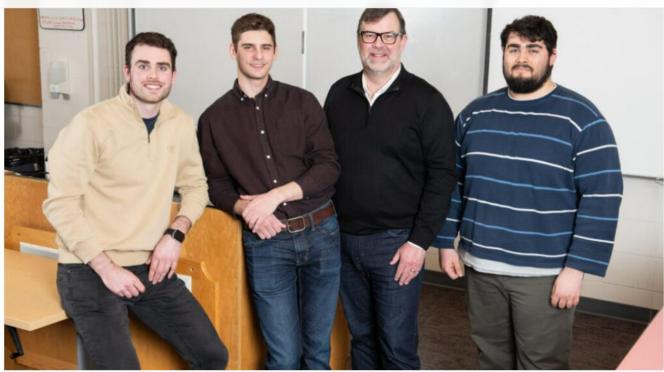


IMAGE: CAMERON FITCH

Home » UNB Faculty of Management Helps Students Tackle the Most Stubborn Real-Life Business Problems

максн **23** UNB Faculty of Management Helps Students Tackle the Most Stubborn Real-Life Business Problems



↑ Property \$

\$ Sales

Menu

↑ Property Information

PAN 01447417 Location 99 KING ST

Taxing Authority 460 - Municipal District of St. Stephen

Description Apartments, Bldg &Land

 Assessment Year
 2023

 Assessment
 1,442,600

 Tax Levy
 32,480.46

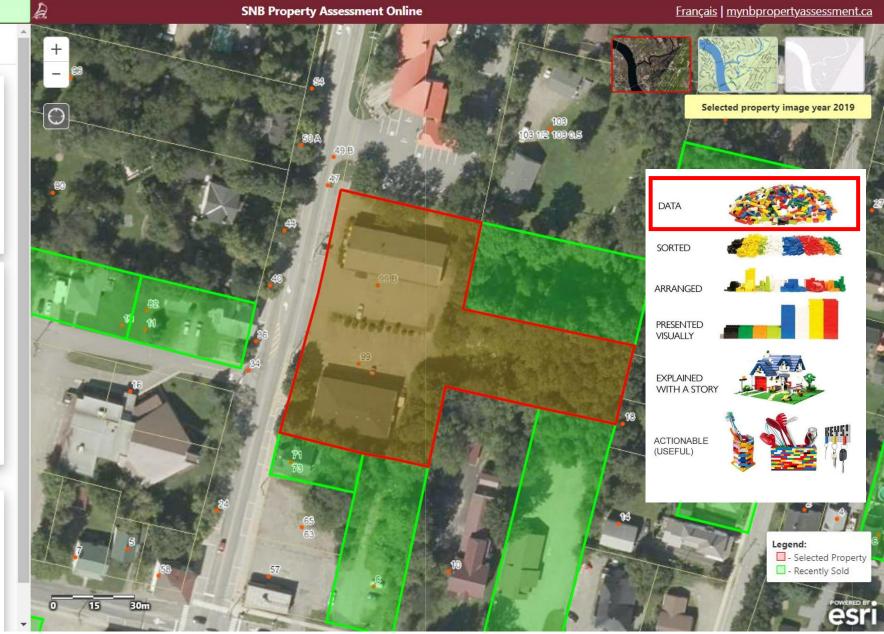
Assessments

Year	Assessment	Tax Levy
2023	1,442,600	32,480.46
2022	440,000	11,289.85
2021	169,200	7,940.39
2020	205,800	9,651.24
2019	202,500	9,495.71

\$ Sales

Sale Date	Amount		
2021-10-01	600,000		

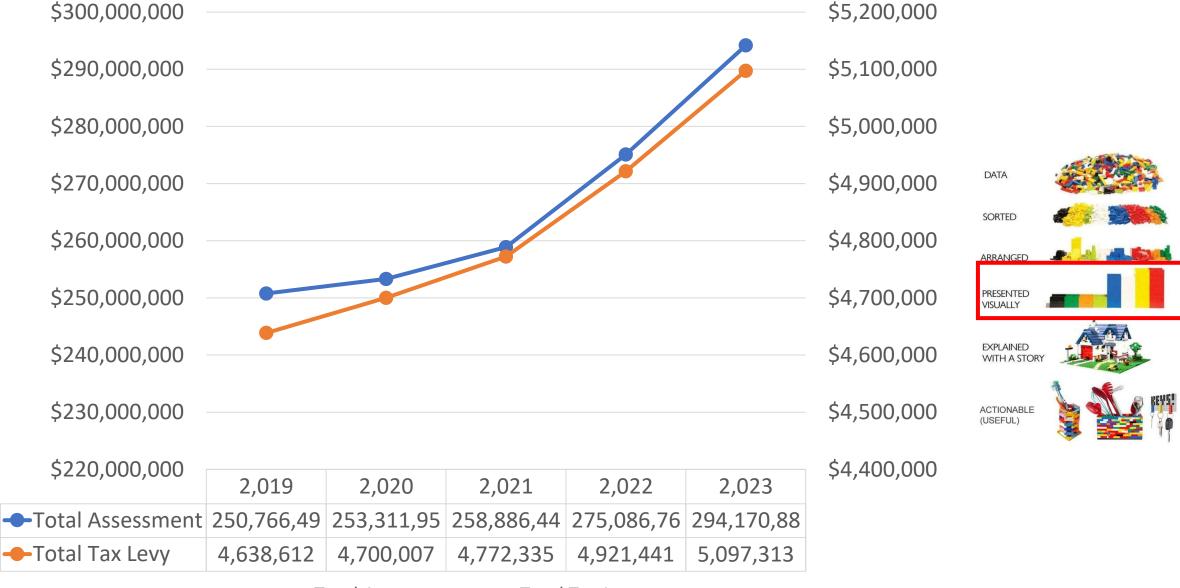
Sale amount reflects the sale price documented at the time of registration – including real estate sales, private sales, mortgage sales, family transfers, government acquisition or disposal, and others. Sale



4	Α	В	С	D	Е	F	G	Н	I e	J	K	L	M	N	0
1		1.2048				\$7,257,247.98	\$294,170,880.00	\$4,921,440.74	\$275,086,766.65	\$4,772,335.21	\$258,886,440.00	\$4,700,007.18	\$253,311,959.00	\$4,638,612.02	\$250,766,492.50
2		83%				0.56	0.17								
3						\$6,047,707	\$245,142,400	\$4,101,201	\$229,238,972	\$3,976,946	\$215,738,700	\$3,916,673	\$211,093,299	\$3,865,510	\$208,972,077
4	No.	55	+	Region	PAN 🔻	PT 2023 💌	Assesment 202 ▼	PT 2022	Assesment 2022 ▼	PT 2021 ▼	Assesment 202 ▼	PT 2020 🔻	Assesment 202 ▼	PT 2019 💌	Assesment 201 ▼
5	1	1		Saint John											
6	2	0		Saint John	3916616	5,703.47	347,900	4,885.56	282,500	5,097.44	282,500	5,097.44	282,500	5,099.23	282,600
7	3	0		Fredericton	4917869	4,380.90	322,600	4,202.60	294,300	3,888.79	268,100	3,826.42	263,800	3,762.59	259,400
8	4	0		Moncton	4036192	11,407.65	771,100	10,017.49	642,600	8,829.86	535,500	8,656.73	525 000	Q 656 72	525 000
9	5	0		Saint John	1445805	2,915.88	184,200	2,669.40	166,900	2,557.44	159,900	2,557.44	15		- Carriera A
10	6	0		Saint John	3633666	15,350.55	1,118,600	15,283.40	1,100,000	15,023.58	1,081,300	15,023.58	1,08	1500	
11	7	0		Saint John	3633666	15,350.55	1,118,600	15,283.40	1,100,000	15,023.58	1,081,300	15,023.58	1,0{ DATA		
12	8	0		Saint John	1466631	2,860.77	205,900	2,794.84	198,300	2,704.42	189,200	2,662.79	18		
13	9	0		Fredericton	548317	2,762.17	203,400	2,687.50	188,200	2,619.61	180,600	2,554.33	17	and the same	MANAGEMENT AND
14	10	0		Miramichi	2365919	12,672.97	836,500	12,169.99	803,300	11,968.50	790,000	11,957.89	78 SORTED		
15	11	0		Moncton	1866166	6,495.32	260,000	6,420.84	235,800	6,355.85	220,200	623.47	21		
16	12	1		Saint John										_ = 1	
17	13	0		Moncton	3555842	19,629.91	1,391,600	17,884.99	1,267,900	16,285.37	1,154,500	15,849.50	1,12 ARRANGE		
18	14	0		Moncton	2030491	19,788.45	1,337,600	18,931.28	1,214,400	18,137.90	1,100,000	17,702.59	1,07		
19	15	0		Moncton	1887552	0	736,700	0	706,900	0	692,200	0	68		
20	16	0		Miramichi	3497272	2,085.29	234,100	1,748.49	223,500	1,631.22	187,300	1,453.00	18 PRESENTE		
21	17	0		Saint John	1621566	5,913.32	360,700	5,930.11	342,900	5,636.95	312,400	5,544.93	3(VISUALLY		
22	18	0		Miramichi	6538467	928.6	79,200	889.07	75,100	832.82	68,600	827.4	(<u> </u>	
23	19	0		Saint John	1884318	4,805.33	328,300	4,670.03	298,100	4,506.57	270,000	4,398.08	26		
24	20	0		Saint John	1611456	3,693.57	225,300	3,704.37	214,200	3,592.57	199,100	3,592.57	15 EXPLAINE	TORY T	
25	21	0		Saint John	1655727	3,711.60	226,400	3,491.66	201,900	3,533.02	195,800	3,533.02	18 WITH AS	IURI	
26	22	0		Saint John	4241844	9,736.40	593,900	9,760.73	564,400	9,272.82	513,900	9,119.44	505,400		
27	23	0		Saint John	4439316	7,198.61	439,100	7,223.70	417,700	6,827.85	378,400	6,699.74	37	1	THE PARTY OF THE P
28	24	0		Saint John	1301530	17,898.02	1,440,600	17,606.03	1,377,300	17,718.30	1,354,300	17,667.29	1,3f ACTIONAB	IE 🗀	KEA7:
29	25	0		Moncton	1884318								(USEFUL)		
30	26	0		Chaleur Acadian P	e 2964438	13,307.84	709,600	14,280.15	681,500	14,751.92	668,900	11,951.06	54	***	11
31	27	0		Restigouche	4004894	2,658.47	167,600	2,558.70	161,300	2,362.00	148,900	2,332.08	14		
32	28	0		Saint John	3938391	157,561.48	6,920,000	162,000.07	6,653,800	165,272.74	6,543,900	165,272.74	6,54		
33	29	0		Miramichi	2823022	12,768.02	276,400	11,730.43	251,300	11,797.73	245,000	11,696.36	242,000	11,707.14	200,100
34	30	1		Restigouche											
35	31	0		Saint John	1702485	3,291.92	234,200	3,157.88	182,600	3,038.61	172,100	2,762.54	172,100	2,713.82	169,400
36	32	0		Fredericton	640698		·	·	·	·				·	
<		>	Sheet1	Sheet2 Tra	nsformed Data	Sheet3 P-D	uplex +			:	4		_		•

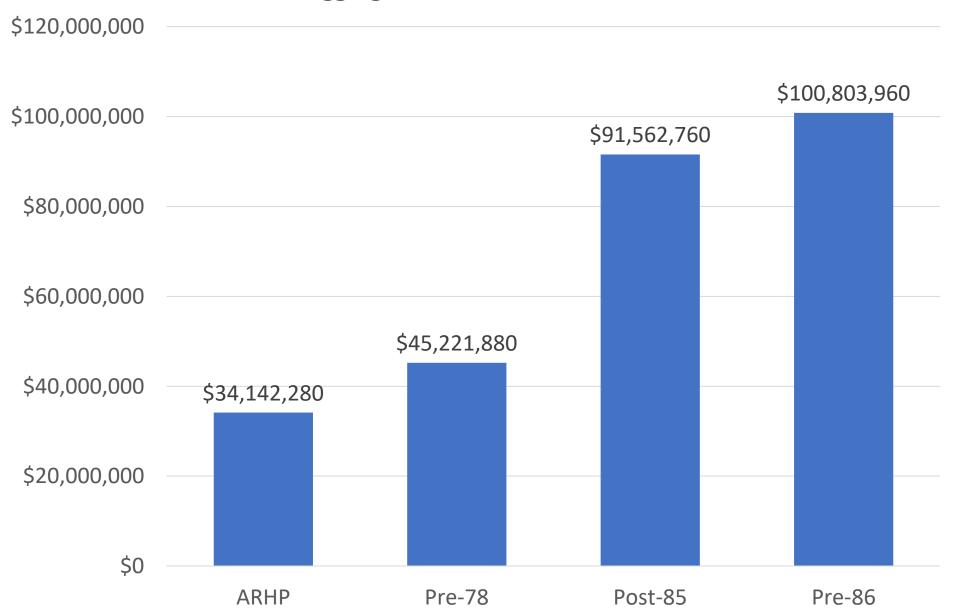
@ 4,000 DATA POINTS

Total Assessed Value and Tax Levy 2019 to 2023



Total Assessment Total Tax Levy

Aggregate 2023 Assessed Value





100 duplexes





IF WE COMBINE OUR EQUITY...





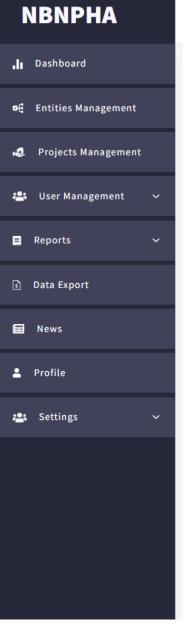
\$30,000,000 * 3 = \$90,000,000 / \$200,000 ~

450 units



We will only get there with more data Financial data will enable us to:

- 1. Determine and analyze the revenues and expenses of the affordable housing sector to determine the sector's financial capacity to undertake projects aimed at revitalizing the old stock and taking on new development projects.
- 2. Identify existing capacity gaps in cash flow and replacement reserves.
- 3. Identify opportunities for consolidations and mergers that would yield positive results in terms of financial and operational capacity.
- 4. Advocate for changes to government policy or new funding programs to assist with old stock revitalization and new development.
- 5. Identify best practices and group purchasing opportunities and share those with all members to improve overall financial performance.
- 6. Allow each member to access the MIS and see how their projects compare to other similar projects on a regional and provincial basis e.g., your cost curve versus regional and aggregate provincial cost curves.



ncial Year Select 🗸				
REVENUES				Œ
Rent - Non Subsidized	: 0	Rent - Subsidized	: 0	
Additional Prov.Govt.Assistance	: 0	Sundry(Revenue From Services)	: 0	
Interest Income	: 0	Total Revenues	: 0	
EXPENDITURES				(-
Amortization Bldg	: 0	Interest Mortgage	: 0	
Property Taxes	: 0	Repairs And Maintenance	: 0	
Management Fees	: 0	Water And Sewage	: 0	
Garbage Removal	: 0	Snow Removal	: 0	
Lawn Care	: 0	Light And Heat	: 0	
Insurance	: 0	Annual Audit Fees	: 0	
Professional Fees	: 0	General And Admin	: 0	

CONFIDENTIALITY AGREEMENT

THIS CONFIDENTIALITY AGREEMENT (the "Agr	reement") is dated the day of May, 2023, and				
by and between the New Brunswick Non-Profit Housing Association (NBNPHA) (the "RECEIVING					
PARTY") and	(your organization name),				
(PROVIDING PARTY), a non-profit corporation, wi	ith its principal offices at				
	. In connection with financial information				
the RECEIVING PARTY may be given or have acc Party or third parties (collectively, "Confidential Info	cess to certain confidential information of Providing ormation").				
Confidential Information is all information that PRO information of PROVIDING PARTY or third-party s marked as such by PROVIDING PARTY. Confider information regarding the organization, operations,	ntial Information shall include, but is not limited to,				

Confidential Information also shall include, but is not limited to, unpublished or pre-release versions of PROVIDING PARTY standards, white papers, and other documents and information, or internal use only or limited circulation documents and information.

financial condition, trade secrets, membership lists, and standards of PROVIDING PARTY, its members,

or third parties.

The RECEIVING PARTY covenants and agrees not to disclose or permit to be disclosed any Confidential Information, and that the RECEIVING PARTY will not appropriate, photocopy, reproduce, or in any fashion replicate any Confidential Information without the prior written consent of PROVIDING PARTY. The RECEIVING PARTY agrees that any disclosure of Confidential Information in violation of this Agreement shall cause immediate and substantial damage to PROVIDING PARTY and to any parties that provided the Confidential Information to PROVIDING PARTY. The RECEIVING PARTY agrees to use reasonable efforts to maintain the confidentiality of the Confidential Information and agrees not to use any Confidential Information for its own benefit or that of a third party unless authorized in advance in writing by PROVIDING PARTY. Confidential Information shall not include information that enters the public domain through no fault of the RECEIVING PARTY or which the RECEIVING PARTY rightfully obtains from a third party without comparable restrictions on disclosure or use.

Your organization:	RECEIVING PARTY: NBNPHA
Signature:	Signature:
Name:	Name: George Cormier
Title:	Title: Executive Director
Date: May, 2023	Date: May, 2023

Working together to accelerate affordable housing!



Travaillons ensemble pour l'accélération du logement abordable! 2023

This should be easier to solve than the climate crisis

- 1. 820,000 people, not 8 Billion
- 2. People that care are in this room
- 3. No-one disagrees that this is a crisis

Working together to accelerate affordable housing!



Travaillons ensemble pour l'accélération du logement abordable! 2023

"Crisis forces commonality of purpose on one another."

Michelle Dean, Canadian writer.