

Import Replacement:

Local Prosperity for Rural Atlantic Canada

Report prepared by: The Centre for Local Prosperity



Import Replacement: Economic Revitalization and Re-localization

NSFM Fall Conference

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Imports
send \$ out
of the
region



Exports bring \$
into the
region...

Atlantic Canada
has a very
leaky bucket...

Import Replacement:

Local Prosperity for Rural Atlantic Canada

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2 Studies in 1...

- 1. Economic leakage** - using data from 110 sectors of the economy
- 2. Focus groups** - business and community leaders from: Shelburne, Souris, Miramichi, and Burin Peninsula



OVERALL LEAKAGE IN ATLANTIC CANADA (2012)

	Current Spending on Local Production	Additional Product for Self-Reliance	Total Demand for Local Production	Rough Level of Leakage
NB	\$23,338,732,512	\$19,390,351,209	\$42,729,083,720	45%
NL	\$19,247,747,019	\$11,982,794,457	\$31,230,541,477	38%
NS	\$29,585,967,010	\$15,750,693,430	\$45,336,660,439	35%
PE	\$4,312,743,116	\$3,405,433,886	\$7,718,177,002	44%
REGION	\$76,485,189,656	\$50,529,272,982	\$127,014,462,639	40%

Atlantic Canada Leakage Rate = 40%

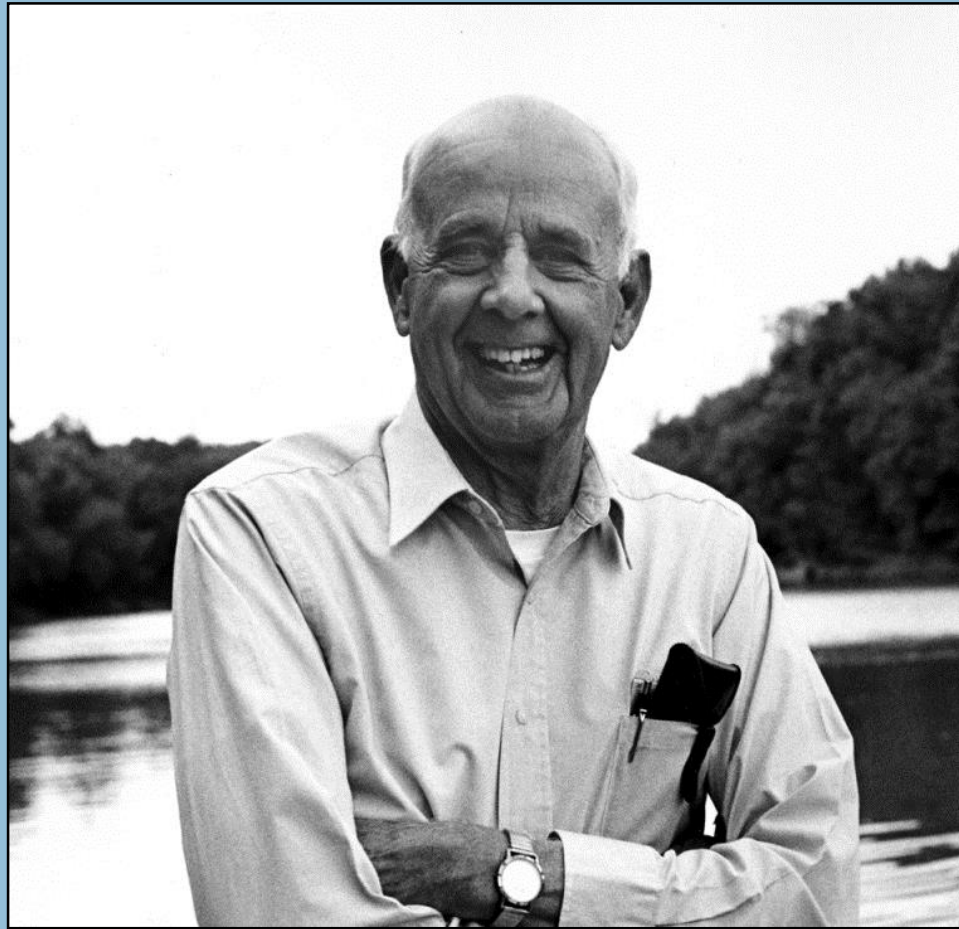
Nova Scotia Trade Balance (2012)

Exports	Imports	Trade Balance
\$10.9 billion	\$15.75 billion	\$ - 4.8 billion

NS Leakage Rate = 35%

Impact of a 10% Shift on NS...

Jobs	Labour Income	Total Value Added	Indirect Business Taxes
15,000	\$877 million	\$1.46 billion	\$67 million



“The proper role of a government is to protect its citizens and its communities against conquest – against economic conquest just as much as conquest by overt violence.”

Wendell Berry

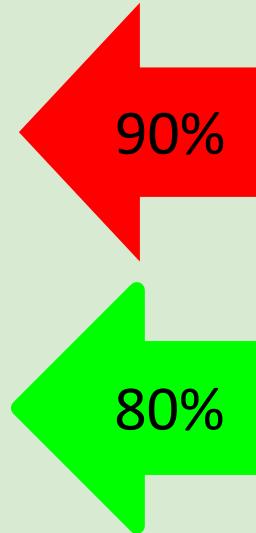
Public-Sector Anchor Institutions Can Drive the Process

1. **Employ** a lot of people
2. **Spend** a lot of *public* money on procurement
3. **Unlikely to leave**, rooted in the community
4. **Willing and able to lead**

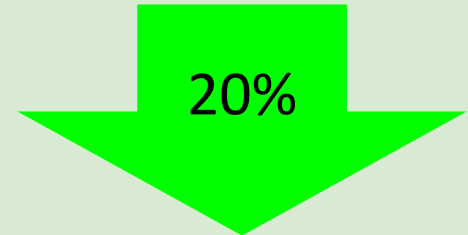
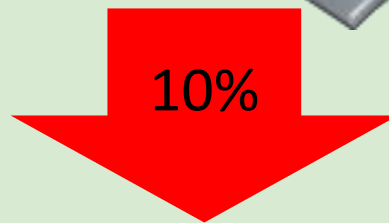
Non-Local Suppliers



Local Economy



Local Anchor Institution



Local Suppliers



shorefast^{CM}

Economic Nutrition Label

FOGO ISLAND SHOP

PUPPY TABLE

WHERE THE MONEY GOES

Labour	45%
Production	35%
Other Labour	10%

Direct Materials **20%**

Design, Production Overhead **15%**

Sales, Marketing, Other **5%**

Surplus **15%**

Reinvested in the community of Fogo Island

Economic Benefit Distribution

Fogo Island	70%	Canada	20%
Newfoundland	8%	Rest of World	2%

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shorefastSM

Economic Nutrition Label

**FOGO
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SHOP**

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CAPE BRETON

FoodHub



**Economic Development Through
Transformative Community Energy Planning**



Headline Statistics

- Energy imports cost Bridgewater \$88 Million/yr (2016 data)
- A \$374 Million investment opportunity
- The project is expected to replace imported energy to the tune of \$2 Billion over the next 32 years
- Represents an enormous windfall to the local economy
- Could achieve a positive trade balance in certain sectors based on energy alone
- Will reduce greenhouse-gas emissions by about over 80%

Economic Development Action Plan 2018-2020

Vision: Bridgewater is the place to be innovative, creative, and thrive.

Priority Outcome: King Street is a vibrant and thriving place

Policy	Projects	Programming
<ul style="list-style-type: none"> Commercial District Property Assessment Phase In <u>ByLaw</u> Public Art Policy Curbing commercial growth outside the core Examining policy opportunities to increase residents in district Affordable Housing 	<ul style="list-style-type: none"> Parkade renewal Public Art King St Phase II (streetscape and infrastructure) 	<ul style="list-style-type: none"> Engagement with DPAC Examine and assess land assembly opportunities Wayfinding Pedestrian and retail / commercial recruitment data

Priority Outcome: Energy opportunities drive community prosperity

Policy	Projects	Programming
<ul style="list-style-type: none"> Expand PACE eligibility and scope Energy efficient development incentives 	<ul style="list-style-type: none"> Municipal Energy Projects: facilities & fleet Community Energy & Signature Projects Smart Cities Application 	<ul style="list-style-type: none"> Developing local investment mechanisms Developing capacity building partnerships

Priority Outcome: Our people enjoy high levels of community well being

Policy	Projects	Programming
<ul style="list-style-type: none"> Open Space Plan Strategic Direction of LCLC Policy for housing and energy affordability Open Data Communications Strategy Town Technology Plan 	<ul style="list-style-type: none"> Open Space investments Underground Infrastructure improvements Accessibility Projects Recreation Infrastructure Trails Development Bridgewater Awesome Index 	<ul style="list-style-type: none"> Public Transit & Integrated mobility Events Strategy Arts & Cultural programming Seniors & Youth Programming BRE programming connects business with opportunities



No longer just energy and emissions planning

Three Technical Strategies (2018-2050)

Strategy 1: Energy efficient buildings: \$153 million.

- Deep retrofits to all buildings.
- Ensure new buildings built to superior standards.

Strategy 2: New community-scale energy systems: \$157 million.

- Large-scale solar, wind and hydro generation.
- District energy and energy storage systems.

Strategy 3: Clean & active transportation systems: \$64 million.

- Electrify all vehicles.
- Expand public transit and active transportation.
- Increase land-use efficiency.

Goals – Smart Cities Challenge

*Raise 20% of residents out of energy poverty by
2028*

1. **Retrofit 1000 homes** to become highly energy efficient
2. **Build 150 new** highly efficient **homes**
3. Make **transportation** options more affordable and efficient
4. Help households **spend less** on rent and utilities
5. Create **new job and income sources** from clean energy investments
6. Help residents **improve their overall health**
7. **Support** organizations that help people living in energy poverty
8. Reduce the need for emergency fuel funding and increase funds spent on **long term solutions to energy poverty**

The “Energy Shift”

1. The pathway to the Energy Shift is feasible
2. The Energy Shift pays for itself
3. The Energy Shift is a powerful economic development strategy
4. The Energy Shift fights poverty
5. Municipalities can enable the Energy Shift



Community Energy Investment Plan: The Way Forward



SUSTAINABILITY SOLUTIONSGROUP

whatIf?



ENERGIZE BRIDGEWATER

Economic development through transformative community energy planning

A toolkit for municipalities everywhere



ENERGIZE BRIDGEWATER



SUSTAINABILITY SOLUTIONSGROUP



Timothy Habinski

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