



Integrated Community Sustainability Plan

Town of Kentville
March 10, 2010

ICSP: OVERVIEW

1. Introduction

- Background Information on ICSP

2. Kentville in Context

- Background Information on Kentville
 - Community Facts, Statistics, Characteristics

3. Planning for Sustainability in Kentville

- Background Information on 'Envision Kentville'
- Baseline 2010: Priority Assets & Related Challenges
- Kentville Vision Statement

4. Sustainability Goals and Actions

- 16 Goals in Four Thematic Areas
- 5-10 Year Sustainability Action Plan

5. Regional Collaboration

- Review of Regional Challenges & Opportunities

6. Implementation

- Review of Best Practices for Sustainable Community Development
- Preliminary Sustainability Monitoring & Indicators for Kentville
- Budgeting for Sustainability



Priority Sustainability Assets



Four Pillars of Sustainability



Priority Sustainability Challenges

Water

Quality concerns
Quantity issues

Recreation

Diversity concerns
Accessibility & affordability concerns

Green Space

Ecology & planning
Communications
Integration
Accessibility & safety concerns

Infrastructure

Managing for future growth and development
Transportation concerns
Waste water management concerns

Community Services

Health concerns
Education concerns
Local economic concerns
Community service concerns

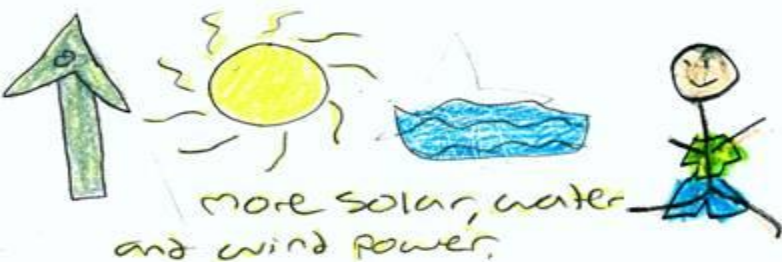




Cleaning up
the Cornwallis
River

We will have achieved our vision of sustainability when...

Kentville is a healthy, vibrant, integrated and complete community where citizens can live, work and play in an environment that supports a high quality of life.



more walking
and bike travel



- ✓ Unanimously Supported & Endorsed by Kentville Town Council: June 30, 2009
- ✓ Supported or Strongly Supported by 95% of Door-to-Door Sustainability Survey Respondents
- ✓ Supported by 4/5th of ICSP Action Survey Respondents
- ✓ With Artwork Contributions from KCA Grade Six Class (2009)

SUSTAINABILITY GOALS & PRIORITIZED ACTION PLAN

2010-2020

Economic Sustainability Goals

Working with regional partners to support the local agricultural economy

Building on Kentville's role as the service centre of the Valley

Encouraging diversity and entrepreneurship in the local economy

Supporting good infrastructure planning, policy and practices

2010-2015

Creating favorable municipal policies to encourage business attraction, development and retention in the Town of Kentville & AV Industrial Park

✓CONSISTENCY WITH PROVINCIAL STATEMENT OF INTEREST

Infrastructure

✓POTENTIAL ICSP FUNDING CATEGORIES

Water/Wastewater

Community energy systems/district heating & cooling

Solid waste

Capacity building (collaboration/knowledge/integration/education & training)

2010-2015

Investing in a dedicated location to house a permanent Kentville Farmer's Market

✓CONSISTENCY WITH PROVINCIAL STATEMENT OF INTEREST

Agricultural lands (indirect)

✓POTENTIAL ICSP FUNDING CATEGORIES

Capacity building

2015-2020

Investment program for the beautification and revitalization of downtown buildings, streets, sidewalks and open spaces

Social & Cultural Sustainability Goals

Promoting downtown revitalization & safe and accessible public spaces

Recognizing and planning for demographic diversities (age, income, ability, background)

Managing sustainable community growth through planning and policy

Encouraging a pedestrian friendly community with integrated trail connectivity for active transportation

Encouraging the diversification of community recreation, arts and culture, green spaces and facilities

2010-2015	Developing a complete network of trails, sidewalks, bike lanes & accessible green space along the Cornwallis River & throughout Kentville
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✓ **CONSISTENCY WITH PROVINCIAL STATEMENT OF INTEREST**

Infrastructure

✓ **POTENTIAL ICSP FUNDING CATEGORIES**

Active transportation infrastructure

Capacity building

2010-2015	Strategic planning, investment and development of a pedestrian-friendly downtown core (i.e. benches, wider sidewalks, expanded perimeter parking)
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✓ **CONSISTENCY WITH PROVINCIAL STATEMENT OF INTEREST**

Infrastructure

✓ **POTENTIAL ICSP FUNDING CATEGORIES**

Active transportation infrastructure

Capacity building

2015-2020	Provide land for community and neighborhood gardens and/or greenhouses.
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	Invest in the development of the West Kentville bird sanctuary, including a visitor interpretative centre, visitor parking, and bird watching structures.
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Environmental Sustainability Goals

Working regionally to protect and sustainably manage water resources and ensure a safe, clean and reliable water supply

Working regionally to plan and protect agricultural farmland & rural nature of the Valley

Promoting energy sustainability & access to renewable energy solutions in the community & region

Working with regional partners to clean up and restore the Cornwallis River

Supporting local, regional and provincial collaboration to reduce greenhouse gases and air pollution

Supporting regional approaches to climate impacts & adaptation planning

Continuing to enhance collaboration in the regional provision of waste management and public transit services

2010-2015

Investment in a comprehensive research study to address the Town's storm water and run-off flooding issues.

✓CONSISTENCY WITH PROVINCIAL STATEMENT OF INTEREST

Drinking water supply – “cleaner water”

Flood risk

Housing

Infrastructure

✓POTENTIAL ICSP FUNDING CATEGORIES

Water/wastewater

2010-2015

Investments by the Town to reduce its own energy consumption and reduce greenhouse gas emissions.

✓CONSISTENCY WITH PROVINCIAL STATEMENT OF INTEREST

“Cleaner Air, Lower Greenhouse Gas Emissions”

✓POTENTIAL ICSP FUNDING CATEGORIES

Community energy systems/district heating & cooling

Capacity building

2015-2020

Contributing to a regional effort to restore the fish habitat, plant life, and recreational uses of the Cornwallis River.

Municipal infrastructure investments for climate change adaptation such as dykes along the Cornwallis River.

Invest in research to determine whether regional groundwater resources are sufficient to sustain growth and development.

Implementation

Best Practices for Sustainable Community Development

Connelly, Markey & Roseland (2009)

• Leadership for sustainability

- ❑ Inclusive, non-ideological community leadership focused on improving the quality of life and setting the sustainability agenda
- ❑ A proactive approach to engaging non-traditional partners, promoting and motivating participation, developing consensus around shared values and proactively engaging broader support in the community
- ❑ Strategic staff and council leadership and a willingness to push for innovation as well as accept and manage the certain level of risk required when doing things differently

• Information, education and awareness

- ❑ Utilizing information and best practices from other communities as “pretty good” solutions that provided the foundation for tangible innovative demonstration projects
- ❑ Building knowledge and awareness of sustainability and abilities to link and integrate community problems with sustainability solutions
- ❑ Using the incremental results from demonstration projects as leverage to inspire broader change for sustainability
- ❑ Developing the ability to see strategic sustainable community development as a long-term investment opportunity rather than a cost

Sustainable Community Development in Kentville

- ✓ **Community leadership in pursuing sustainability initiatives**
Ex. Town's anti-idling bylaw, carbon offset policy, Environmental Advisory Committee, revitalized Farmer's Market & supportive staff resources to manage community projects & initiatives (i.e. Community Economic Development, Active Living & Sustainability portfolios)
- ✓ **Undertaking proactive approaches to public engagement**
Ex. ICSP 'Envision Kentville' process, Town Open House, Kentville Connection
- ✓ **Supporting the use of external actors in community initiatives**
Ex. Ducks Unlimited project, active living partnership development activities (HPP, community outreach). economic development partnership development activities (i.e. KCDC, farmer's market, festivals, communications), sustainability partnership development activities (i.e. Acadia University, NS Environmental Youth Corps etc.)
- ✓ **A clear focus on maintaining and enhancing the community's quality of life**
Ex. Community Vision Statement & ongoing focus of staff & council
- ✓ **A willingness to pursue project-based 'demo' projects**
Ex. NS Power 'Solar Demonstration' project

Implementation & Monitoring: Planning for Success

1. "You can't manage what you don't measure":

- I. Continued monitoring of sustainability indicators is required to ensure forward momentum on the Town's sustainability goals & actions

2. Demonstrating a commitment to pursue:

- I. practical actions based on best-practices and,
- II. proven approaches to sustainability leadership & principled & integrated decision-making

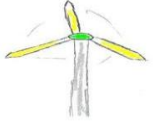
ENVISION KENTVILLE



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river



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planning for tomorrow - today

Sustainability: Global Context

- .74 C Increase in mean global temperature during the 20th Century
- Average surface temperature of Earth is projected to increase between 1.1 C & 6.4 C (relative to 1990) by 2100
- Global sea level projected to rise between 18-59cm (or more) by 2100



Potential for increased variability, frequency and intensity of floods, droughts, heat waves, hurricanes, cyclones & extreme precipitation events (i.e. rain, snow)

As a result, potential for broad effects in the areas of water, agriculture & food production, human health, human migration, sea-level rise and increased risk of coastal flooding, as well as other effects on ecosystems and other species