

# Climate Change and Food Security

Common Themes  
What Can We Do?



# Adaptive Reuse of Heritage Structures

Reduce carbon footprint

Don't build new when "old"  
will do

Learn from the past to build  
the future



Former Food Storage Room

Now a “grow room” aka  
“nursery”

- Use of this space helped  
Gros Morne Farm and Market  
increase their production by  
60% this year



# Former Laundry Room

Now used to wash and  
process fresh produce



# Carbon Capture 101 for Municipalities

Encourage growing, producing and consuming food locally whenever possible to reduce the carbon footprint related to transportation of food

Studies show that community gardens can have a return on investment of \$4.00 - \$6.00 for every dollar spent



# Sustainable Agriculture Practices

Soil should not be exposed to the sun  
Keep it covered, mulched or planted  
with cover crops

Carbon can be sequestered in soil by  
plants through photosynthesis and  
can be stored as soil organic carbon

Sequestration - the process of  
capturing produced carbon dioxide  
and subsequently storing it safely,  
away from the atmosphere.

Reduces the amount of carbon  
dioxide in the atmosphere, aiming at  
reducing global warming and climate  
change.



# Benefits of Community Gardens and Farmers Markets

there are many factors at play in the health of the people of a region, one of which is access to healthy food.

Would it not be better to be a mayor in a community where people have some capacity and knowledge to produce food, than to be mayor of a community where the population has allowed itself to be fully dependent on outside assistance?



# It can be a bright future...

Studies have shown that the creation of community gardens have led to higher property values, a reduction in crime and violence, increased business activity, improved surface water management, and lower temperatures in summer due to increased green space.

“a robust agriculture and food sector builds resilient rural communities”

