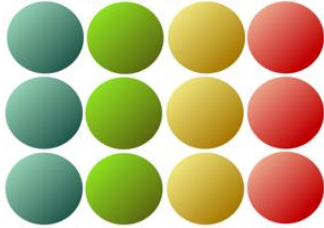


**GABRIOLA**

Climate 12-12-12



Local impacts – Local solutions

## Discussion Summary

### Climate 12-12-12 Café on Energy

**Each table was given a different scenario to respond to in terms of energy needs.**

#### **#1 — earthquake this morning, what can individuals do to meet energy needs?**

golf course [hydro] generator for community critical needs: phones, lights, etc.  
solar from private and communal  
wood (but has drawbacks: [smoke, supply])  
assemble in tribes in big, well insulated houses  
there is the problem of Gabriola self-governance ... people without survival [skills] ...  
organize resources, groups, neighbourhood groups, emergency planning committee ...  
GES ... incorporating fire department  
figure out transport: Dan Backie [biodiesel] Sprint, animals [horses?], bikes  
coordinate veggie production  
find alternate equipment for freezing/cooking  
root cellars (wood refrigerators)  
prepare for installation of alternatives: water turbines, wind turbines  
ham radio operators to communicate with the world  
hand-cranked radios  
simpler, supportive communal lifestyle  
[There's] no lifeboat solution  
Gabe Emergency Social Services (paperwork, administrative)  
RCMP to coordinate emergency response tactics and groups of citizens  
approach funding sources to get equipment ... get previous emergency plans for  
reference purposes ...  
stockpiles of food, etc. preserves

#### **#2 — Scenario: earthquake this morning, what can community do to meet its energy needs?**

collective action: shared meals; use most efficient homes for cooking and heat  
clothing and bedding for heat ... hot water bottle, more snuggling ... pets for heat  
share stored foods ... use gardens ... grow sprouts (brussel? seeds?)  
dig latrines  
public buildings as shared shelters  
community meetings to organize -- no-one left behind ... feel safe

### #3 — Scenario: earthquake in one year, what can individuals do for their household to meet energy needs?

Get a Yeti power bank  
large batteries for fridge  
stockpile firewood etc. for cooking  
alter woodstove for cooking (insulate sides)  
create food storage: root cellars, hole in the ground  
plant year-round, make indoor gardening into food  
root vegetables & chard  
dedicated solar panels for well pump, stove  
composting toilet  
learn about foraged/wild foods, dock (wild grain?)  
food preservation: freeze-dried, canned, pickling, etc.  
stockpile grains, flour, dried beans, o  
taking stock of where we use energy now  
getting LED lights, battery lanterns  
stock cupboards with cook-free foods and ingredients  
extra insulation (blankets) over windows, doors  
make you living space smaller

*Written on table paper:*

solar oven  
green loans, energy audits  
partner with neighbours  
diapers, formula, pads, tampons, tampons  
prioritize sailboat trip to Nanaimo  
kayaks, rowboats, sailboats to get provisions off-island (do we need/want to?)  
build a still for alcohol fuel  
burn-burn-burn: wood, cat [cow?] poo, wood pellets

"This is very scary! Aargh!"

### #4 — Scenario: earthquake in a year, community response to meet energy needs?

deplete existing supply of fossil fuels (propane, camp stove)  
community organized  
staying warm and cool  
use firewood for heating & making food  
prioritize standing dead wood for fuel  
remove trees too close to the house (first)  
needs a communal response, i.e. communal firewood  
prioritize roadside brush and trees ... wood from storms as a last resort  
(unsure of salt on beach wood)  
establish a community larder  
perishable foods brine, dry, salt, pickle, smoke

hunting for community larder  
fishing  
harvest what you can from your garden and the ocean  
try planting winter carrots  
Lighting: on short term, use candles and alternative sources, e.g. battery operated  
Septic/grey water: bucket  
Water: put out containers to capture water for drinking, bathing  
organize community gatherings: bonfires, kitchen parties,  
Medications: set emergency health strategy teams ... assess supply, prioritize patients  
by need

## **#5 — Ways for individuals and community as a whole to reduce GHG emissions from energy use in our homes & other buildings**

a trustworthy website listing embodied energy for manufactured items  
gov't standards for embodied energy  
buy local products  
rain catchment for water (lower water transportation costs)  
eat more sturgeon (local seafood)  
educate people about lower-energy alternatives  
local peer advisors to advise people on their home energy use  
neighbourhood "energy chat" events  
landscaping to mitigate home energy use (e.g. trees for shade, sun) ...  
less modification of the local landscape: more native plants to absorb CO2 ... don't plant lawns  
a Gabriola-based investment co-op to help people insulate, install heat pumps, solar, rain capture [Gabriola Investment Co-op green loans?]  
more funders for green infrastructure, e-bikes  
funding and expertise for green home upgrades  
build smaller homes (culture change)  
advocate for a new Gabriola low-energy building code  
Get real estate folks on board with low energy homes

====