
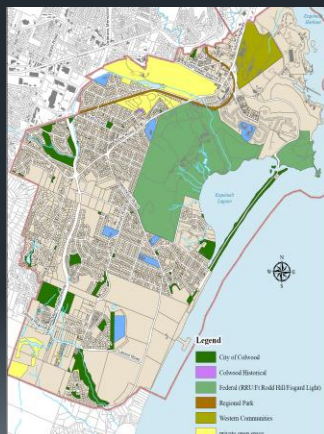





Judith Cullington, City of Colwood
November 2, 2012

Legend
 City of Colwood
 Colwood Bioreland
 Federal (R2U) Full-Block Signage Light
 Regional Park
 Women Communities
 private open space

Community Energy Plan



- 33% by 2020
- = 50% per capita!
- Energy efficient new buildings critical – but not enough
- Focus on retrofits....but



How do you get 6000 homeowners to take action?



A demonstration of whole community change towards energy conservation and renewable clean energy



Partnerships partnerships partnerships



- Funding partners
- Knowledge partners
- Outreach partners
- Installers and assessors
- Public – especially those with installations



Win-Win-Win Goals




Municipal Leadership



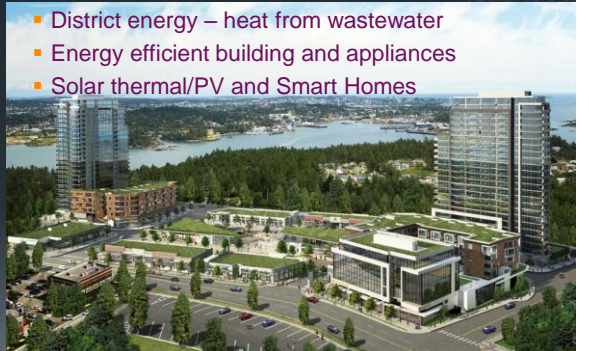
- Fire Station solar



New Developments



- District energy – heat from wastewater
- Energy efficient building and appliances
- Solar thermal/PV and Smart Homes



Target: 1000 Home Retrofits



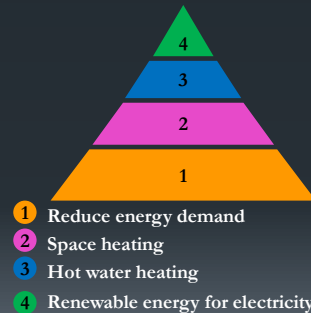
- Energy assessments
- 120 ductless split heat pump
- 880 solar thermal (hot water)



Smart Homes



Energy Planning Hierarchy Towards Net Zero



Satisfied customers



My average daily household consumption for the May 2011 billing period: 140 kwh per day

My average daily household consumption for the April 4-May 2 2012 billing period : 82.9 kwh per day!!!! That's a 41% reduction in consumption since the ductless heat pump and solar hot water installation. For an approximate savings of \$165 from the same billing period last year. WOW. These numbers don't lie.

Real savings, relatively quick pay back, decreased carbon footprint, and local economic stimulus. A no-brainer.

Questions?



www.solarcolwood.ca