

# Green Heat Initiative BC Community Forest Association AGM

June 5 2010, West Kelowna BC



# Welcome

Welcome Attendees

History of Northern Rural  
and Remote  
Communities Green Heat  
Initiative



# Goals of GHI

- Help facilitate 18 Green Heat Systems
- Raise awareness and educate around heating with biomass
- Help develop bioenergy heating industry in Northern BC



# How can GHI help?

## Potential Project Evaluation

- What are your needs now and in the future?
- What resources are currently available in the community (making connections)?

## Project Support

- Independent information source
- Community engagement/education
- Support Network



# Truth in Bioenergy

- Bioenergy is only part of the solution
- Resource goes to highest value
- Start small but look large



[www.funny-pics-vids.blogspot.com/](http://www.funny-pics-vids.blogspot.com/)

# Bioenergy by the Numbers

- What the ^%\$^&& is a Gigajoule, BTU, kilowatt hr, etc.?
- How much energy is in Biomass?

Structure	BBQ	House	Commercial Building	School
Propane/Natural Gas	18 kWh 60,000 BTU	36 kWh 120,000 BTU	135 kWh 475,000 kWh	300 kWh 1,500,000 kWh
Pellets	Flavour needs	2-3 t/year	9-10 t/year	40-45 t/year
Chips (30% Moisture)		15 m <sup>3</sup> /year	70 m <sup>3</sup> /year	300m <sup>3</sup> /year



# Community Heating and Community Forests

- Using local resources produced locally for heat energy
- Building a base market to grow outside
- Building relationships and partnerships

70% of money spent on biomass heat stays within YOUR community as compared to 10% for oil heat



# Connecting to GHI



[www.greenheatinitiative.com](http://www.greenheatinitiative.com)

David Dubois, BSChE  
Project Coordinator

[David@CFQuesnel.com](mailto:David@CFQuesnel.com)

250-457-7319

or

JoAnna Johnston

Communications Coordinator

[greenheat@CFQuesnel.com](mailto:greenheat@CFQuesnel.com)

250-747-1212

**green heat**  
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