



SAVE THE DATE

Smithers Hands-on-Biomass District Energy Technical Workshop

9 AM to 4 PM October 24, 2011

**LOCATION, Community Futures Nadina, 1164 Main Street
Smithers, BC**

The Green Heat Initiative and BC Bioenergy Network, with support from Community Futures Nadina and Regional District of Bulkley Nechako, are presenting a 1 day interactive workshop with BC & Austrian Biomass Heating and District Energy Experts

Featured workshop leader is Mr. Alfred Hammerschmidt, General Manger BIOS Bioenergiesystem GmbH and Quality Manager for Austrian Government Incentive Program, Graz, Austria (<http://www.bios-bioenergy.at/en/bios-the-company.html>)

Mr Hammerschmidt has substantial experience with all phases of biomass District Energy project development and optimization. With over 1500 district heating systems deployed in Austria, this is a tremendous opportunity to participate in an interactive session with your peers and experienced biomass district energy practitioners.

Who Should Attend: project developers, municipal planners, energy managers, First Nations, technical consultants, maintenance staff who are currently developing biomass heating and District Energy projects

Focus: the program will provide technical information and best practises for people looking to develop biomass heating systems. The goal is to not instruct them how to design the heating system but have enough information to effectively develop a biomass heating project or District Energy System

Cost: \$35 (Includes lunch and refreshments)

Please RSVP to David Dubois at david@cfquesnel.com or 250-457-7319 as space is limited.

Smithers Hands-on-Biomass District Energy Workshop

DRAFT Program

Target Audience: 30 Active Participants

Who Should Attend:

Municipalities, consultants, project developers currently working on planning-deployment of DE or biomass heating projects

Featured Workshop Presenter– Alfred Hammerschmidt , Engineer with BIOS Bioenergiesysteme and Austrian Biomass Quality Manager, Graz, Austria (<http://www.bios-bioenergy.at/en/bios-the-company/the-team/alfred-hammerschmid.html>)

Additional Feature Speakers from a selection of Austrian Companies involved in Biomass Heating and DE

Agenda

Session 1

9:00 – 10:30

- Opening Remarks – Green Heat Initiative
- Introductions of Austrian Delegation
- Austrian experience over last 20 years
- Biomass Fuel – Properties, optimum characteristics, and costs compared to other fuels
- Types of Systems, Drivers, and Components
- Parameters influencing biomass combustions processes

10:30 - 10:45

- Break

10:45 – 12:00

- Design of the DH network – Technical parameters, optimization factors and weak spots
- Feasibility Study Overview
- Emissions overview

12:00 – 12:30

- Lunch

12:30 – 13:15

- Round Table Sessions with Austrian Companies

13:15 – 14:30

- DH economic parameters and guiding values
- European biomass business models
- Capital Costs

14:30 – 14:45

- Break

14:45 – 15:30

- Sample Project Case Study

15:30 – 16:30

- Specific Project review from Austrian Delegation including small scale CHP