

**Residential Heating In Remote Arctic Villages Workshop 2:**  
**Plan for the Implementation of Heating Research Needs**  
**Friday, December 9, 2016**

Friday, December 9th, 8:30am– 5pm – Conference Room 3, ANTHC Consortium Office Building,  
4000 Ambassador Drive, Anchorage, AK

**Workshop objectives: Develop pathways forward to address research needs for residential heating in remote Arctic villages previously identified in Workshop 1. This will include a review of Workshop 1 findings, identification of research that still requires implementation and the development of strategies to fulfil these gaps.**

**8:15 A.M.**                      **Room is open to participants; coffee and light snacks will be served**

**8:30 A.M.**                      **Meeting commences**

**Session 1: Research Needs and Projects Underway**

**8:30- 10:00 A.M.**

8:30-8:40 A.M.                      Welcome, Announcements and Introductions

8:40-9:00 A.M.                      Recap of Research Needs for Residential Heating in Remote Arctic Villages  
(*C. Rosa/ C. Eischens, USARC*)

9:00-9:20 A.M.                      AEA projects underway that address identified research needs (*Neil McMahon, AEA*)

9:20-9:40 A.M.                      CCHRC projects underway that address identified research needs (*Bruno Grunau, CCHRC*)

9:40-10:00 A.M.                      ACEP Projects underway and outcomes of Alaska Community Data Workshop  
(*Gwen Holdmann, ACEP/UAF*)

**10:00-10:30 A.M.**                      ***Break***

**Session 2: Outstanding research needs**

**10:30-noon**

10:30-11:00 A.M.                      Group discussion to determine what heating research needs are being met by ongoing projects *not yet discussed*

11:00-12:00 P.M.                      Group discussion to determine what can be removed from the heating research needs grid based on the morning's presentations/discussion

noon-1:00 P.M.

*Lunch provided*

**Session 3: Breakout Groups to produce recommendations/strategies to fill the needs that remain on the grid.**

There will be **three breakout groups**, one focusing on each of the following set of research needs:  
**Data/Technology, Socioeconomic issues, and Policy/Coordination.**

1:00 – 3:00 P.M.

We would like each group to:

1. **Prioritize outstanding research needs – be need and by feasibility (2 lists)**
2. **Develop recommendations/strategies to fulfil outstanding research needs for each group’s respective list of priorities.** This could include recommending specific projects, adding components to existing projects, accessing/rescuing existing data, etc. For each recommendation, please note:
  - a. Which research need is being addressed;
  - b. Identify what data need to be generated and develop a strategy;
  - c. Indicate the most appropriate group(s) to implement such an effort (i.e., academia, government, non-profit, private industry); and
  - d. Suggest funding source(s).

(presentation template will be provided)

3:00 -3:15 P.M.: *Break*

**Session 4: Breakout Groups Report back**

3:15 -4:15 P.M.: Each Breakout Group has 15 minutes to report back to full group on developed recommendations using the provided slide template

4:15-4:45 P.M. Wrap-up discussion and meeting products

5:00 P.M. *Adjourn*

**Packet Contents:**

- (Agenda)
- Workshop 1 Report
- Heating Research Needs Grid
- List of breakout group assignments
- List of data resources
- Map to conference room at ANTHC
- Arctic Renewable Energy Working Group flyer