



A Holistic Approach to Sustainable Northern Communities

A Pilot Project: Oscarville, Alaska

Project Timeline
Challenges, Successes and Future Goals
Project and Funding Needs

Project Timeline: A Holistic Approach to Sustainable Northern Communities

A Pilot Project Year Review: Oscarville, Alaska

2014

2015

Sep - Dec

Jan Feb Mar

Apr May Jun

Jul Aug Sep

Oct Nov Dec

9/24/14

First Roundtable
Rural Energy
Conference
Fairbanks, Alaska

10/22/14

2nd Roundtable
Anchorage,
Alaska

12/2/14

3rd Roundtable
Anchorage,
Alaska

- Oscarville selected as pilot community

2/26/15

4th Roundtable
Bethel, Alaska

Site visit to
Oscarville

Planning meeting in
Bethel to identify:

- Needs
- Actions
- Stakeholders

3/24/15

5th Roundtable
Bethel, Alaska

- Distribution issue
- TA from AEA & DOE
- Invite LKSD to group
- Electrical Assessment AVEC

5/13/15

Project update issued

- ANTHC working on water issue
- AEA and AVEC conducting electrical assessment
- AVCP Transportation working on board road

6/17/15

6th Roundtable
Bethel & Oscarville

- AHFC/CCHRC working on a housing assessment
- Well issues discussed
- ANTHC, YKHC working on sanitation and water

8/7/15

Project update issued

- School well fails 8/5/15
- ANTHC, LKSD, YKHC work to find solutions
- Funding sought for water issue
- Emergency action so school could open
- Electrical report 8/21

9/3/15

Working Group Meets
Bethel & Oscarville

- ANTHC, YKHC, LKSD review water options
- HUD IT grant applied for \$450,000.00
- AVCP reaches out to all agencies for funds
- AHFC/CCHRC perform EE audits on all buildings

10/14/15

Working Group Meeting
Anchorage, Alaska

- HUD ICDBG applied for Multiuse Building
- CCHRC applies for USDA i6 grant for continued support
- HUD announces IT grant for \$450,000 granted to Oscarville
 - Water from old well being pumped to school
- Back up would be haul system
- ANTHC applies for \$75,000.00 SOA CIP
- Funds sought for EE of building (audits complete)
- Oscarville Native Corporation provides \$50,000 for meter base electrical issues

12/1/15

Working Group Meeting
Anchorage, Alaska

- Project update issued

2016

2/15/2016

Oscarville site visit

- US Senate Energy & Natural Resource Committee site visit to Oscarville
- Field Testimony in Bethel
- Project Update

Project Overview: A Holistic Approach to Sustainable Northern Communities

Challenges, Successes and Future Plans: Oscarville, Alaska

Challenges

- Small Population (60-65 people)
- No economic stimulus – jobs only with tribal government, school and clinic
- No cash flow for growth – 45% below poverty level
- No roads – board roads only within the village
- School data: 16 students, 4 teachers
- No potable water – water well failed
- No sanitation – honey bucket community
- No community fuel storage
- No secondary heat source
- Inadequate landfill

DATA FACTS:

- 15 Residential Homes, 1 Public School K-12, 1 Tribal Office Building, 1 Clinic, 1 Pump House (water well)
- Electrical Power intertie from Bethel
- Board Road community
- No in-home sanitation or water

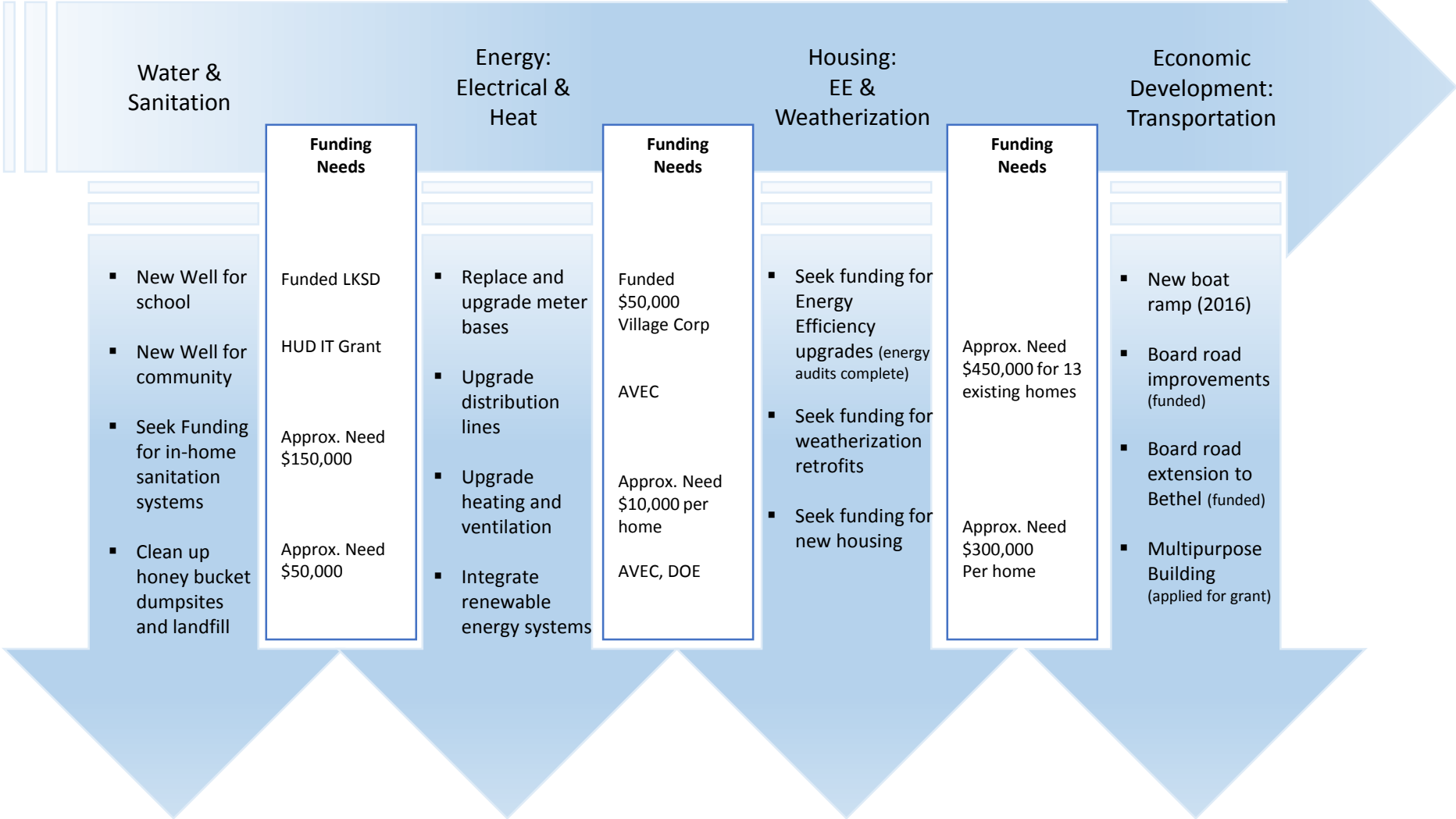
Strategies & Successes

- Tribal Government (community consensus)
- Create Economic Development and bring new jobs by using local workforce for all future work
- Expand access – AVCP Transportation Federal Highway funds for board road to Bethel (2015-2016)
- HUD IT grant (\$450,000) for new water well (2016)
- ANTHC, YKHC, LKSD collaborative effort on in-home sanitation systems
- AHFC, CCHRC, AVCP-RHA collaborative effort on Energy Efficiency improvements to all buildings
- AVEC and Oscarville Native Corporation collaborative effort to improve electrical lines and PCE maximization
- Create matrix for Holistic Approach for all rural Alaska Project Development

Future Goals

- Project Development phased for optimal results
- Seek funding USDA-RD ICDBG grant for multi-purpose building
- Explore EPA and IGAP funding for landfill clean up
- Explore renewable energy integration
- Seek continued funding for Holistic Approach concept

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2016 Action Items currently in motion!



Housing

- Energy Use
- Education
- Efficiency

Water & Sanitation

- Environment
- Public Health

Energy

- Renewables
- Resources

Economic Development

- Financing of Projects
- Job Creation
- Resiliency

