

Klickitat-Skamania Telecommunications Planning Project

Thursday, June 6th, 2013
1:00 pm – 3:00 pm
White Salmon Room
Pioneer Center
501 NE Washington Street
White Salmon, WA

Type of meeting:
Project Update

Project Proponents:
MCEDD, CEKC and WSU-Extension

Agenda

Welcome and Introductions	1:00 p.m. All
LTPT Project Overview <ul style="list-style-type: none"><i>Review of Broadband Planning Project Scope</i>	1:10 p.m. Amanda Hoey, MCEDD
2012-2013 LTPT Grant Completion <ul style="list-style-type: none"><i>Total Impact—engagement, resources, information</i><i>Lessons Learned</i><i>Grant Wrap Up Steps</i>	1:15pm Brian Wanless, CEKC Carrie Pipinich, MCEDD Linda Williams, WSUE
WSBO Updates	1:30pm Will Saunders, WSBO Frieda Ray, WSBO
FirstNet Overview and Updates	1:45pm Bill Schrier, Office of the CIO, Washington State
Service Updates <ul style="list-style-type: none"><i>ISP Reporting</i><i>Anchor Institutions</i>	2:00 pm ISPs, All
2013-2014 LTPT Grant <ul style="list-style-type: none"><i>Overview of Project Plans</i><i>Partner Input</i>	2:30 Brian, Carrie, Linda Monica Babine, WSUE
Additional Feedback	2:45 Amanda
Adjourn	3:00 p.m.

Klickitat-Skamania Local Technology Planning Team

June 6, 2013
Pioneer Center
White Salmon, WA



Project Overview

1. Assessment Phase:
 - Community Forums
 - Residential Broadband Survey
 - Business Broadband Survey
 - Meetings with ISPs and Governments
2. Implementation Phase:
 - Adoption Training
 - Next steps from Assessment Phases

Community Forums Awareness

Purpose: share an understanding of what broadband is and discuss current state of broadband in communities



16 forums in Fall and Spring with over 200 participants

Community Forums Access

1. **White Salmon** - Costs as well as quality of service were issues for these residents.
2. **Glenwood** - Expectations were high in the community that the new service would be available throughout the community.
3. **Carson** - People didn't realize they could get better service than 1 Mb.
4. **Mill A** - When I came tonight I had dial-up. Now I have two more options.
5. **Bickleton** - There are 2 T-1 lines to the school.

Observations Adoption

- Lack of information about service changes is an access challenge
- As service improves there is less need for forum events focused on access
- Community Forums in conjunction with Community Councils require a different approach than stand alone forums

Glenwood Celebration



Broadband Surveys

Purpose: Learn about broadband access and utilization by residents and Businesses of Klickitat and Skamania Counties

- Online and hard copy versions available for approximately 1 month
- 280 community respondents from the two counties and 80 businesses

Surveys: Lessons Learned

- Challenging to reach reflective population, business distribution
- Personal and Community connections important to distribution and response rates

Community Training

The Web Connection

- Focused on web basics
- Topic was identified through outreach to the FVRL librarians
- Held at each of the three library branches

Thanks to the librarians for partnering on this project!

Community Training: Lessons Learned

- Needs are very basic and specific.
- Outreach through advertising and media not enough to attract attendees
- Need to be creative in thinking about ways to create interest in the classes.

Business Training: Social Media

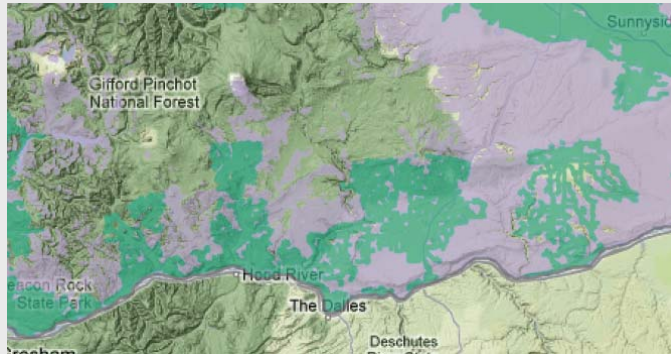
Provided training to 8 businesses in two sessions held in Stevenson and Goldendale



Business Training: Lessons Learned

- Individual outreach through local partners was the best approach
- Narrow focus for training works better.

WSBO Broadband Map



Residents and businesses took 330 speed tests and posted 14 stories

Engagement with Partners

- Brought together 10 ISPs to learn more about service challenges, reality check map
- Brought together 12 regional governmental partners to learn about their planning and permitting processes and ways to involve them in the future

Resources Developed

1. Community and Business Broadband Surveys
2. Broadband Training Priorities Memorandum
3. Funding Sources Matrix
4. Community Broadband Report identifying gaps in access and adoption

Wrap Up

- Visualize gaps identified
- Incorporate additional information into Community Broadband Report

Thanks to all of our partners!

Klickitat-Skamania

Local Technology Planning Team

Round 2

The Klickitat-Skamania LTPT is supported by:

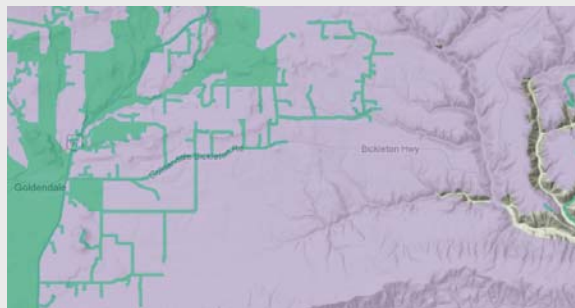
Partners



Funders



Access Gaps



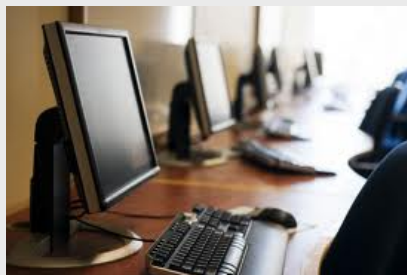
- * Continue work with service providers to assist with broadband expansion in areas with identified gaps
- * Engage local and regional governments in the process to discuss partnership opportunities

Access Gaps



- * Increase number of public hotspots and their uses

Adoption



- * Deliver priority trainings identified in assessment phases for business and residents
- * Create a Mobile Lab as an adoption resource for our region

Information Dissemination

Klickitat-Skamania LTPT

A planning project to increase broadband awareness, access, and adoption in Klickitat and Skamania Counties

[LTPT Home](#)
[Training](#)
[Surveys](#)
[Community Forums](#)
[Documents and Links](#)
[Partners](#)

- * Continue to bring partners together in quarterly LTPT meetings
- * Upgrade our project website

Questions?

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Linda Williams
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Monica Babine
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The Klickitat-Skamania LTPT is supported by:

Partners



Funders





State of Washington
Office of the Chief Information Officer (OCIO)
State Interoperability Executive Committee (SIEC)

FIRSTNET UPDATE

Bill Schrier
Chair, SIEC, State of Washington



FirstNet™



- **First Responder Network Authority**
- **Authorized by Congress in 2012**
- **Funded: \$7 B from spectrum sales**
- **Goal: Create a nationwide wireless “public safety” mobile 4G network for use by first responders – really all responders and government users**



Expansive View of Public Safety

- **Emergency Medical, Police, Firefighters**
- **Water and electric utilities**
- **Transportation**
- **Public Works**
- **Building Inspectors**
- **General Government**
- **Even business/consumer Use (rural)**



FirstNet in Washington State?



- **Statewide Network – responders**
- **Statewide apps**
 - Full-motion two-way video
 - Tablets, smartphones, web
- **4G LTE for rural, remote areas?**
- **Incidents & disasters –**
 - WTO riots, Earthquakes
 - Wildfires, ice storms





Challenges

- **Promises, Promises – Dec 2017**
- **Cover ever square meter of the US? Design for each State ...**
- **Devices, chips**
- **Operational costs**
- **Getting Agencies to use it**
- **Mission critical voice? Existing government radio systems?**



The Road Ahead

SIEC - “Single Point of Contact”

1. Now: Outreach and education state to local agencies, tribes, responders

2. 2013-2014: State/Local Implementation Grants (SLIG-P) Data Collection

Review FirstNet’s Design – must meet Wash State’s needs



Decisions, Decisions

- **Governor: Opt-in or Opt-out?**
- **Probably late 2014 or 2015**



For more information



Bill Schrier

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- Mobile 206-255-2156
- Twitter @billschrier

SIEC:

- www.siec.wa.gov

FirstNet:

- www.ntia.doc.gov/category/firstnet



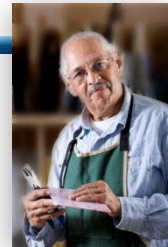


Washington State **Broadband** Office

Connecting people to possibilities

Washington State Broadband Office Update

Will Saunders, director
State Broadband Office



Second Round of LTPT

- **Washington State University** was awarded \$56,000 to leverage broadband needs assessment activities already begun in Jefferson and Clallam counties.
- **Lincoln County** was awarded \$26,880 to address educational challenges and economic development opportunities in Lincoln County by increasing broadband access and use.
- **Affiliated Tribes of Northwest Indians Tribal Technology Team** was awarded \$94,000 to provide broadband and communications planning to Washington State.



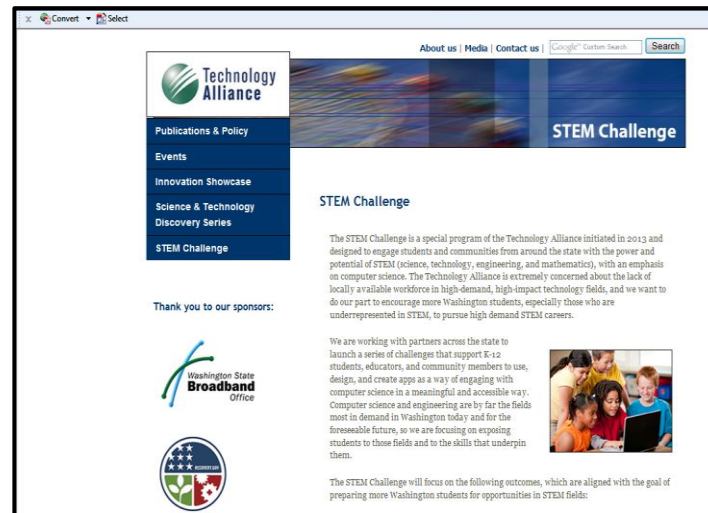
Second Round of LTPT

- **Walla Walla Valley Chamber of Commerce** was awarded \$64,000 to partner with the Intelligent Community Forum, through its Community Accelerator Program.
- **Klickitat-Skamania Local Technology Planning Team** was awarded \$60,000 to provide community identified broadband training and address gaps in infrastructure through partnerships with the region's governments, providers, communities and businesses and increasing access to broadband via public hotspots.



STEM Challenge

- Partnership with the Technology Alliance



<http://www.technology-alliance.com/stemchallenge/stemchallenge.html>



Washington State **Broadband** Office

STEM Challenge

- MESA/ Hackathon for Change

<http://depts.washington.edu/mesaweb/>

- Algebra Challenge

<http://algebrachallenge.org/>



The screenshot shows the Algebra Challenge 2013 website. At the top, it says "Washington State ALGEBRA CHALLENGE 2013". To the right, it indicates "OPEN REGISTRATION April 25 - June 2" and "CHALLENGE WEEK June 3 - 7". The main headline asks "Can Washington students solve 250,000 algebra equations in one school week?". Below this, three boxes show progress: "STUDENTS PARTICIPATING: 3,257", "EQUATIONS SOLVED: 207,248", and "TOTAL EFFORT: 3m 12d 07". A video player shows students working on laptops. A text block says "Together we can achieve it!" and "We believe that Washington State classrooms in grades K-12 can complete 250,000 algebra equations in one week, even if they have never been exposed to algebra before! Join the challenge and your classroom will receive sponsored access to the school-adapted algebra learning game DragonBox along with teacher support tools and resources." A yellow button says "JOIN THE CHALLENGE TODAY!". The footer includes "rechallenge.org/" and a small "1" icon.

Washington State
ALGEBRA
CHALLENGE
2013

OPEN REGISTRATION
April 25 - June 2

CHALLENGE WEEK
June 3 - 7

Can Washington students solve **250,000**
algebra equations in one school week?

STUDENTS PARTICIPATING: 3,257

EQUATIONS SOLVED: 207,248

TOTAL EFFORT: 3m 12d 07

Together we can achieve it!

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JOIN THE CHALLENGE TODAY!

rechallenge.org/ 1

