

U.S. DEPARTMENT OF COMMERCE

Performance Progress Report

2. Award Or Grant Number

72-50-M09040

4. Report Date (MM/DD/YYYY)

07-12-2012

1. Recipient Name

Puerto Rico Governor's Office

6. Designated Entity On Behalf Of:

Puerto Rico

3. Street Address

P.O. Box 9020082,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

San Juan, PR 00902-0082

7. Project / Grant Period
Start Date: (MM/DD/YYYY)

12-20-2009

7a. End Date: (MM/DD/YYYY)

12-19-2014

7b. Reporting Period End Date:

06-30-2012

9a. If Other, please describe:

Not applicable.

10. Broadband Mapping

10a. Provider Table

Number of Providers Identified	Number of Providers Contacted	Number of Agreements Reached for Data Sharing	Number of Partial Data Sets Received	Number of Complete Data Sets	Number of Data Sets Verified
0	0	0	0	0	0

10b. Are you submitting the required PROVIDER DATA by using the Excel spreadsheet provided by the SBDD grants office? Yes No

10c. Have you encountered challenges with any providers that indicate they may refuse to participate in this project? Yes No

10d. If so, describe the discussions to date with each of these providers and the current status

Aeronet Wireless Broadband Corporation: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of February 10, 2012, the provider has submitted backhaul data but has yet to submit data for the fixed wireless service area operated by Aeronet.

Orizon Wireless Corporation: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of May 3, 2012, the provider status has changed to "Inactive - No Longer in Business."

Telefonica International Holding, BV: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of May 3, 2012, the provider remains non-responsive.

10e. If you are collecting data through other means (e.g. data extraction, extrapolation, etc), please describe your progress to date and the relevant activities to be undertaken in the future

No data has been collected through extraction or extrapolation.

10f. Please describe the verification activities you plan to implement

Our vendor, Connect Puerto Rico (CPR) deployed a new interactive mapping web application, My ConnectView, on April 2, 2012. The application is housed in a highly available, monitored, and managed environment. New feedback features allow consumers to send comments directly to program Geographic Information Systems (GIS) staff; a screenshot of the user's current interactive map view is also attached to the feedback to provide additional details.

Consumer feedback in the form of broadband inquiries is also collected. These inquiries represent any type of communications received from the public regarding broadband service. Once broadband inquiries are received across the state, this information is overlaid with the broadband availability information which was collected through the State Broadband Initiative (SBI) program. This allows for a real-world comparison of the broadband landscape to the information received from broadband inquiries. Broadband inquiries are able to provide three types of information: 1) residents who do not have broadband but want it; 2) residents who have broadband but want a different provider; and 3) residents who do not have broadband, but the broadband inventory maps indicate that they do. If residents within a region state that they are without broadband, but the broadband inventory maps show otherwise, this allows our project team to approach the providers within that area in an effort to trim down their coverage to more accurately represent real-world availability on the ground. During this quarter, the project received a total of 5 broadband inquiries.

... please refer to the Q2 2012 Puerto Rico Supplemental Answer Document.

10g. Have you initiated verification activities? Yes No

10h. If yes, please describe the status of your activities

The new interactive broadband map, My ConnectView, was launched on April 2, 2012, and is publicly available on the Connect Puerto Rico website (<http://www.connectpr.org/interactive-map>). My ConnectView is a valuable tool for consumers, policymakers, Internet providers, and planning teams working to increase broadband access, adoption, and use in communities across the state and nation. It replaces the previous mapping tool and is faster and easier to use; features more interactive data layers and additional tools to explore data; and allows users to e-mail, print, and send feedback on custom maps. By offering unprecedented views of unserved and underserved areas of Puerto Rico, My ConnectView will help drive economic development planning centered around broadband technology expansion efforts.

There were a total of 373 visits to the interactive broadband map between April 1, 2012, and June 30, 2012. Also, the project received a total of 5 broadband inquiries during the quarter.

For this reporting period, no new field verification tests were conducted. Thus far, project staff conducted multiple tests on the following providers: Aeronet Wireless; AT&T; Critical Hub Networks; Choice Communications; Data@ccess; Liberty Cablevision of Puerto Rico; Neptuno Media; PR Wireless Inc.; San Juan Cable LLC (d.b.a. OneLink); Puerto Rico Telephone Company; Sprint; T-Mobile; and Worldnet.

... please refer to the Q2 2012 Puerto Rico Supplemental Answer Document.

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities

Not applicable.

Staffing

10j. How many jobs have been created or retained as a result of this project?

13.06

Our vendor has numerous staff, consultants, and temporary contractors working on the Puerto Rico (PR) State Broadband Initiatives project, some at only a small percentage of their time. This approach is beneficial to the project in various ways: some staff provide necessary project support, many staff work together utilizing a team approach, and others are subject matter experts in their respective areas. By leveraging the expertise of the subject matter experts, the project benefits from their knowledge and skills without the necessity of supporting a more expensive full-time resource.

10k. Is the project currently fully staffed? Yes No

10l. If no, please explain how any lack of staffing may impact the project's time line and when the project will be fully staffed

Not applicable.

10m. When fully staffed, how many full-time equivalent (FTE) jobs do you expect to create or retain as a result of this project?

Not applicable.

10n. Staffing Table

Job Title	FTE %	Date of Hire
Connected Nation - Broadband Planning Manager	6	09/04/2007
Connected Nation - Broadband Planning Manager	52	01/14/2008
Connected Nation - Business Programmer Analyst	2	04/02/2007
Connected Nation - CAI Manager	2	12/13/2004
Connected Nation - Chief Policy Counsel	7	08/09/2010
Connected Nation - Compliance Coordinator	1	08/01/2008
Connected Nation - ETS Manager	2	07/01/2007

Connected Nation - GIS Analyst	1	11/16/2009
Connected Nation - GIS Analyst	16	04/01/2010
Connected Nation - GIS Services Manager	2	05/15/2007
Connected Nation - Outreach & Awareness Manager	6	03/24/2009
Connected Nation - Outreach & Awareness Specialist	12	02/02/2009
Connected Nation - Outreach & Awareness Specialist	17	01/04/2010
Connected Nation - Outreach & Awareness Specialist	21	01/03/2010
Connected Nation - Outreach & Awareness Specialist	27	10/01/2007
Connected Nation - Policy & Research Outreach Specialist	1	03/24/2009
Connected Nation - Project Coordinator	3	04/01/2005
Connected Nation - Project Manager	21	03/16/2010
Connected Nation - Provider Relations Manager	1	02/17/2005
Connected Nation - Research Analyst	2	02/01/2010
Connected Nation - Research Analyst	3	10/17/2011
Connected Nation - Research Analyst	36	06/01/2009
Connected Nation - Research Manager	3	05/14/2007
Connected Nation - State & Local Program Director	1	08/04/2008
Connected Nation - State Services Sr. Specialist	15	12/20/2009
Consultant - Associate Counsel	2	09/14/2009
Estudio Tecnicos - Research Analyst	94	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011

Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011
Estudio Tecnicos - Research Analyst	95	12/30/2011

Add Row

Remove Row

Sub Contracts

10o. Subcontracts Table

Name of Subcontractor	Purpose of Subcontract	RFP Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Federal Funds	In-Kind Funds
Connect Puerto Rico	Mapping and Planning Activities	Y	Y	04/10/2010	12/14/2014	2,278,668	0
PR Infrastructure Financing Administration	Grant Administration	N	N	03/01/2010	12/14/2014	244,030	0

Add Row

Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$1,315,794 10q. How much Remains? \$1,217,884

10r. How much matching funds have been expended as of the end of last quarter? \$296,537 10s. How much Remains? \$344,191

10t. Budget Worksheet

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Personal Salaries	\$0	\$97,850	\$97,850	\$0	\$38,227	\$38,227
Personnel Fringe Benefits	\$0	\$20,000	\$20,000	\$0	\$9,698	\$9,698
Travel	\$0	\$0	\$0	\$0	\$0	\$6,005
Equipment	\$0	\$55,000	\$55,000	\$0	\$15,297	\$15,297
Materials / Supplies	\$0	\$0	\$0	\$0	\$0	\$0
Subcontracts Total	\$2,522,698	\$0	\$2,522,698	\$1,315,794	\$45,781	\$1,361,575
Subcontract #1	\$2,278,668	\$0	\$2,278,668	\$1,271,869	\$45,781	\$1,317,650
Subcontract #2	\$244,030	\$0	\$244,030	\$43,925	\$0	\$43,925
Subcontract #3	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #4	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$10,980	\$467,378	\$478,358	\$0	\$187,533	\$187,533
Total Direct Costs	\$2,533,678	\$640,228	\$3,173,906	\$1,315,794	\$296,537	\$1,612,330
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$2,533,678	\$640,228	\$3,173,906	\$1,315,794	\$296,537	\$1,612,330
% Of Total	80	20	100	82	18	100

Hardware / Software

10u. Has the project team purchased the software / hardware described in the application? Yes No

10v. If yes, please list

Interactive Mapping Application - \$64,548
ArcInfo/ArcGIS Software - \$6,451
Computers & Software - \$3,662
Speed Test Software - \$4,081
Google Earth Pro - \$585

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased

Remaining purchases may include SQL server for mapping geodatabase, SQL server software, multiple dedicated storage server, security application, additional backup replication solution, computers, a spectrum analyzer, Global Positioning System (GPS) units, interactive mapping updates and maintenance, ArchInfo/ArcGIS maintenance, and as well as computers and software maintenance.

10x. Has the project team purchased or used any data sets? Yes No

10y. If yes, please list

Not applicable

10z. Are there any additional project milestones or information that has not been included? Yes No

10aa. If yes, please list

Outreach to all viable broadband providers in Puerto Rico requesting new or updated broadband data for inclusion in the broadband maps and upcoming mapping submission to the National Telecommunications and Information Administration (NTIA) has been conducted.

This project has an ongoing mission to educate Community Anchor Institutions (CAI) throughout the commonwealth on the importance of participating in the project. We continue to utilize an online survey in both Spanish and English and raise awareness of the importance of CAI broadband connectivity.

Discussions regarding potential FCC Lifeline Broadband Adoption Pilot programs took place with eligible telecommunications carriers.

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing
A continued challenge exists to educate CAI about SBI and the intent of gathering connectivity information. This obstacle is easily avoided when we engage sector leaders and ask them to distribute the survey on our behalf, which supports the validity of the survey. Connect Puerto Rico has received much information regarding CAI locations and addresses from state agencies who have been the most helpful. Government-managed sectors are the most responsive CAI, while the private sectors remain somewhat reluctant to support the program efforts.

Additionally, CAI address information oftentimes does not translate to geocoded data. Strategies to overcome this challenge include contacting the CAI directly to clarify location and engaging the Puerto Rico Office of the Chief Information Officer's GIS Manager to interpret addressing information through local area knowledge and cross-referencing datasets made available through in-kind contributions.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

In an effort to increase CAI data during this reporting period, project staff have focused on a single CAI sector per month. This has allowed focus from the Connect Puerto Rico team and support from the state client to identify organizations to support data outreach. CAI data has increased significantly in Puerto Rico due to this new sector focus.

11. Broadband Planning

11a. Please describe progress made against all goals, objectives, and milestones detailed in the approved Project Plan. Be sure to include a description of each major activity / milestone that you plan to complete and your current status

Our vendor, Connect Puerto Rico, serves in a supporting capacity to the Puerto Rico Broadband Taskforce (PRBT), whose goal is to author a Strategic Broadband Plan for Puerto Rico that will provide a blueprint to help bridge the digital gap across the island. Connect Puerto Rico worked with Puerto Rico Office of the Chief Information Officer (OCIO), the Puerto Rico Broadband Taskforce, and other stakeholders to finalize and unveil the Puerto Rico Strategic Broadband Plan. The groundbreaking plan sets 25 strategic goals for the access, adoption, and use of broadband technology. The Plan also recommends 40 specific policy strategies aimed at achieving those goals.

The 2012 statewide residential broadband survey was completed. This survey is designed to measure trends in technology adoption,

barriers to adoption, and awareness of available broadband among Puerto Rico residents. The initial analysis of the residential survey has been completed and a Q3 2012 public release date is anticipated.

11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

Nothing to report.

11c. Does the Project Team anticipate any changes to the project plan for Broadband Planning? Yes No

11d. If yes, please describe these anticipated changes. Please note that NTIA will need to approve changes to the Project Plan before they can be implemented

Nothing to report.

Funding

11e. How much Federal funding has been expended as of the end of the last quarter? \$0

11f. How much Remains? \$0

11g. How much matching funds have been expended as of the end of last quarter? \$0

11h. How much Remains? \$0

11i. Planning Worksheet

Personal Salaries	\$0	\$0	\$0	\$0	\$0	\$0
Personnel Fringe Benefits	\$0	\$0	\$0	\$0	\$0	\$0
Travel	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0
Materials / Supplies	\$0	\$0	\$0	\$0	\$0	\$0
Subcontracts Total	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #1	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #2	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #3	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #4	\$0	\$0	\$0	\$0	\$0	\$0
Subcontract #5	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0
Total Direct Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0	\$0	\$0	\$0
% Of Total	0	0	0	0	0	0

Additional Planning Information

11j. Are there any additional project milestones or information that has not been included?

Our vendor, Connect Puerto Rico, serves in a facilitating and supporting capacity to the Puerto Rico Broadband Taskforce and advises on broadband related topics of importance to Puerto Rico.

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

Nothing to report.

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
Working with non-profit Connect Puerto Rico, a subsidiary of Connected Nation, the Puerto Rico Broadband Taskforce unveiled the groundbreaking strategic technology plan at a San Juan event in May. The plan was designed to assess the digital divide across the island and formulate a series of recommendations to close it.

The plan was also presented to the White House, members of Congress, and to Commissioners of the FCC to build awareness of the acute digital gap in Puerto Rico and discuss federal strategies to support efforts to bridge the gap.

"I really want to stress the fact that a spirit of collaboration between members of the industry, private and public sectors, in addition to non-profit organizations has made possible the preparation of this plan," said the Government's Chief Information Officer and President of the Taskforce, Juan Eugenio Rodriguez.

<http://www.connectpr.org/recent-news/news-release-puerto-rico-broadband-taskforce-releases-milestone-strategic-plan>

In June, Puerto Rico Resident Commissioner Pedro Pierluisi, the Puerto Rico Federal Affairs Administration, the Puerto Rico Broadband Taskforce, and Connect Puerto Rico hosted a series of briefings at the White House and on Capitol Hill on the Puerto Rico Broadband Strategic Plan to build awareness of the acute digital gap in Puerto Rico, and discuss federal strategies to support efforts on the Island to bridge the gap.

... please refer to the Q2 2012 Puerto Rico Supplemental Answer Document.

12. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purpose set forth in the award documents.

12a. Typed or Printed Name and Title of Authorized Certifying Official

Maria Pou

12c. Telephone
(area code, number, and extension)

787-977-9200

12d. Email Address

mpou@fortaleza.gobierno.pr

12b. Signature of Authorized Certifying Official

Submitted Electronically

12e. Date Report Submitted
(Month, Day, Year)

07-20-2012