

Program Development (20.2%)

How do we know our program is working? In 2017, DESEA Peru engaged a Program Development Coordinator to establish monitoring and evaluation protocols for all projects. In this way, DESEA will not only demonstrate to supporters the impact their contributions are having, but will also use this information to maximize program effectiveness.



Vitamin distribution recorded with tablet technology

We are continually enhancing our mechanisms for measurement and analysis of project results. This past year, we have streamlined the recording of health and water filter monitoring information through use of a digital data collection system. This system allows us to send information directly to databases that can be analyzed with greater ease. Such approaches allow us to track and report on the achievement of short-term outcomes and longer-term goals.

Administration & Fundraising (8.5%)



The DESEA Peru team

Accounting, human resources management, fundraising, and utilities account for the DESEA Peru administration and fundraising allocation. With only 8.5% of our budget related to these expenses, DESEA maximizes the proportion of funds going to actual community programs. We realize that supporters want to know that we are putting their contributions to work as efficiently as possible. We believe that this year's activities demonstrate how much can be achieved on a modest budget by a dedicated, community-based organization.

The Bottom Line

From the inspiring community women serving as qhalis to our committed partners and donors, we're all working together to help the more disadvantaged amongst us. DESEA Peru needs your donations to help build sustainable Andean communities. Our success depends on this collaboration. Please give what you can, and we will make sure that your donation improves the lives of the people who need it most.

2018 Project Budget \$215,000 USD

Many thanks to our partners, volunteers, and donors for making this work possible.

Partners:



Major Donors:

Eleanor Golden, Jim Nielsen, Anthony Roman, Rotary Club of Brighton - Michigan, Sarita Kenedy East Foundation, Carolyn Sullivan, Mary A. Tidlund Charitable Foundation, Emanuel and Anna Weinstein Foundation.

Volunteers:

Stephanie Collins, Luke Hamilton, Jean-Baptiste Lannette, Kathleen Ross, Emma Sanchez, Dan Sundvick, Sharon Sandvick, Pat Teti, Doug Wickers, Katie Wickers, Matthew Witt.

Donors:

Hellen and Hugh Bayliff, Hans Blossel, Joanna Boyd, Rosendo Carbajal, Gustav Cappaert, Monica Catto, Charles Chan, Rob Coetzee, Stephanie Collins, Joan Cooke, Claire and Lee Crocker, Caitlin Culler, Daniel Cushing, Dennis Donovan, Sahnte and John Evans, Shelley Fairfield, Joseph Feldman, Anna Garwood, Kari and Ian Gibson, Line Gillespie, Sandi Giovanelli, Luke Hamilton, Robin Harris and Robin Sears, Bill Hart, Doug Hart, Lisa Hartwick and Bryn Thompson, Brian Hettler, Phoebe Hitchman, Harry Jennings, Lee Ka Yan, Deborah Kannegiesser and Joe Cortese, Brian Kelly, James Kessler, Jeanne Korn, Leslie Lamb and Ken Jansen, Ben Lansdell, Jim Lawson, Terri Lawson, Kristin Leutz, Sandy McDonald, Michaela McLean, Katie McMahan, Luke Moger, Cedar Mueller and Rod de Leeuw, Cindy Nadeau, Teresea and Guy Newsome, India Ornelas, Elna Osso Ben Paly, Daniel Paly, Marita Paly, Martha Palys, Sommai Pham, Kent Pinkerton, Karie Richards, Fran and James Ricketts, Linda and Ross Roberts, Karin and Jacob Rodrick, Kim Saam, Sheela Sathyanarayana, Jane and Vince Schembri, Scheuerell Foundation, Kim and Howard Schiffer, Carmen Serrano, Nelson Serrano, Noah Seixas, Roma and Peter Shaughnessy, Michelle and John Sheard, Maureen Sless, Beate and Wolfram Stemmer, Deborah Stephenson and John Kerr, Robie Sterling, Karen Suarez, Pat Teti, Jeannie Thomas, Carrie and Tim Thurston, Jane Wallace, Clinton Webb, Eve Whitehead, Mary Jane and Terry Whitehead, Katie and Douglas Wickers, Jenna Wolff, and Sarah Wright.

Our local collaborators include: DEMUNA Lamay, Gestor Local CUNA MAS Lamay, Gestor Local JUNTOS Lamay, Municipalidad del Distrito de Lamay, Municipalidad de la Provincia de Calca, Red Norte Cusco - Ministerio de Salud, Rotary Club del Cusco, UGEL Calca.



DESEA PERU
Together For Strong Communities



Newsletter 2017

DESEA Peru's vision is to work with residents to develop healthy, sustainable communities. With the upcoming year marking DESEA's tenth year of operation, we thought we would tell you how your donations have helped to sustain and expand our programs and to accomplish our vision here in the Andes.



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95 kilo concrete filter

Where Have We Been and Where Are We Going?

What started in 2008 as a project to build and install concrete biosand water filters in a single community has grown well beyond initial intentions. In 2009, we introduced the training of local women as community health workers (qhalis) together with community nursing and medical campaigns. In 2011, we designed and commenced installing a PVC version of the biosand water filters. In 2013, we began community-wide health education and social programs. With increasing wellbeing of communities, we are now expanding our program to include economic development projects which will foster long-term community stability.

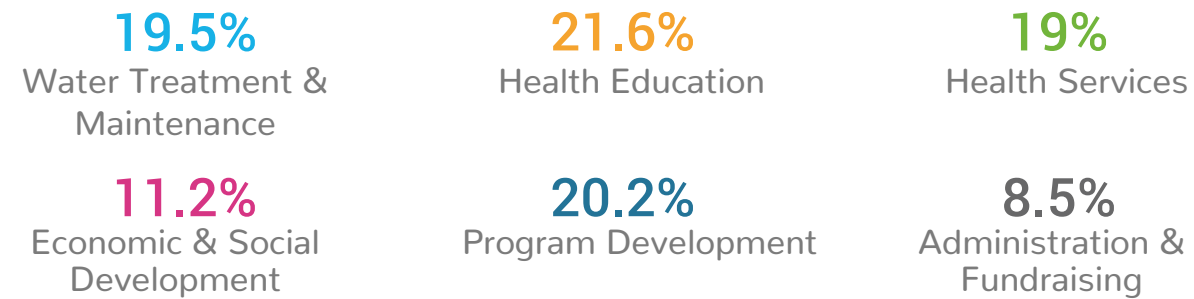
DESEA Peru is currently working in 11 rural Andean communities with more than 4000 residents. We have trained 13 women as the main health workers in their communities who are supported by DESEA Peru's professional staff of nine. With an annual budget just under US \$200,000 the full program is carried out at a cost of \$50 per person. This represents cost-effective delivery of sustainable solutions for some of the most disadvantaged people in South America.



10 kilo PVC filter

Tax-deductible donations can be made at deseaperu.org/donate

How your donations have been used in 2017!



Water Treatment & Maintenance (19.5%)

In the communities with which DESEA works, most families now have water filters in their homes; however, as communities grow there is always a need for more. In 2017, 30 PVC biosand filters were installed in homes and schools.

Much of the success of the water treatment program is due to the thorough monitoring and maintenance carried out by DESEA nurses and qhalis (DESEA's community health workers). In 2017, more than 2200 visits were made to households to check filters and to guide families in improvement of their hygiene and sanitation practices. This approach has produced a rate of correct filter usage exceeding 90%. In a recent course, the qhalis all told us "there is no diarrhea now in our communities because we have clean water to drink"; this observation of reduced diarrhea incidence has also been confirmed in our twice-yearly monitoring program.

DESEA is also working on long-term sustainability of water supply systems. By training local men and women to maintain their water-capture structures and to repair their broken water lines and valves, they will more efficiently use their available water supply and they will not be dependent on others to provide access to water. In 2017, DESEA trained 212 men and women in water system maintenance.

Plans for 2018 include additional water system repair training and a major focus on protecting streams and springs from contamination. Community-wide education programs will also address environmental protection and environmental health (with a focus on waste management, in response to community requests).



Clean water for a family

Health Education (21.6%)



Beneficiaries of the school health program

In 2017, more than 2000 residents attended a wide range of community health education courses, with topics including early childhood stimulation, healthy parenting, nutrition, basic first aid, responsible alcohol use, domestic violence, reproductive health, self-esteem, and environmental protection. These interactive, participation-based courses are transforming communities. As a result, DESEA staff and qhalis are observing behaviour changes in households that are significantly improving health. Women have told us "now that my children aren't sick any more, I have more time to go to courses".

Community members themselves are also coming forward with ideas for future courses and activities. In 2018, we will continue to provide a wide range of courses to women, children and adolescents. Additionally, at the request of the men, sexual reproduction, first aid, and nutrition courses will be offered.

Health Services (19%)



Qhalis making rehydration salts

In terms of improving health outcomes in 2017, DESEA Peru has accomplished a lot with minimal expenditure: 63 pregnant and lactating women and 316 children (ages 6-59 months) received monthly vitamin supplements; dental campaigns in the spring and fall were provided for 326 school-aged children; a medical campaign conducted with two physicians and two physiotherapists (supported by the Rotary Club of Coquitlam, British Columbia, Canada) provided care for 190 community members; acupuncture campaigns, with Luke Hamilton (New York) in April and Emma Sanchez (New York) in November provided 106 community members with treatments. DESEA nurses and qhalis made 2810 household visits to help community members with a wide range of health matters such as: wellness visits for children and mothers; monitoring of anemic children; management of acute and chronic illnesses; and elder support.

It is because of these activities that we are seeing a steady improvement in health outcomes. Newborn weights and heights are well within the standards developed by the World Health Organization – and there has been a 25% increase in birth weights, a major improvement from 2008 when we commenced operations. There have been no maternal or under-five child deaths from preventable illnesses since 2009 when the full qhali program was implemented. Twice during 2017, 438 children were assessed for anemia and received treatment for parasites. Since 2014 there has been a 40% reduction in the incidence of anemia in school children, thus helping to improve their concentration and learning potential.

In 2018 these vital health services will be continued, including medical and dental campaigns, individual home visits, and vitamin distribution.

Economic & Social Development (11.2%)



The Muñay Tikari weavers

In 2017, with safe drinking water, access to health services, and excellent participation in health training being well established, we were able to expand our program to work towards community sustainability through economic development projects.

The Muñay Tikari ("beautiful flowering" in Quechua) Women's Association was formed in 2017 by 98 women from three community sectors. The association is focused on learning the skills for and carrying out income-generating activities. As their first endeavour, they produced 8500 woven bracelets for our partners, Vitamin Angels, for a promotional campaign in the United States. Of

the total membership, 20 women have opted to participate in advanced economic training – learning all aspects of production and sales – and will be selling their finished products, hand woven baby alpaca scarves and bracelets, at Cusco's large December craft fair.

These three community sectors have also come together with DESEA Peru in the design and construction of a large community hall. This project has been entirely driven by local community volunteering with DESEA serving as a liaison with government as well as providing planning assistance, technical expertise, and only minor financial support. The hall has a space dedicated specifically to women's economic development activities.

As well, men's groups in these communities are working with DESEA to craft economic development proposals to submit to municipal and provincial governments. Projects which residents are pursuing include improved farming techniques, crop irrigation systems, trout farms, and silviculture initiatives.

In 2018, we will continue to work with communities to explore and develop social and economic programs. The progress of these programs will depend wholly on community participation and leadership. Although communities are at varying stages of commitment and organization; we are confident that they will all move forward with relevant and achievable development.