



## **AYNINACUY PROJECT INITIATION WORKSHOP REPORT**

**“AYNINACUY: Strengthening the livelihoods for vulnerable highland communities in the provinces of Arequipa, Caylloma, Condesuyos, Castilla and La Union in the Arequipa Region, Peru”.**

**Short title of the project: "AYNINACUY" (a Quechua word that means “Adapting together”).**

**AREQUIPA, PERU  
NOVEMBER 1<sup>st</sup>, 2018**

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## Acronyms and abbreviations used

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ACSFL	Asociación civil sin ánimo de lucro/Civil Nonprofit Association
AF	Adaptation Fund
CAF	Development Bank of Latin America
ARMA	Autoridad Regional Medio Ambiental/ Regional Environmental Authority
CONDESAN	Consortio para el Desarrollo Sostenible de la Eco Región Andina/ Consortium for the Sustainable Development of the Andean Ecoregion
COPASA	Cooperación para el Proceso de Autodesarrollo Sostenible/ Cooperation for the Sustainable Development Process of Arequipa
DRAA	Dirección Regional Agraria/ Regional Agrarian Directorate
DREA	Dirección Regional de Educación / Regional Education Directorate
GRA	Gobierno Regional Arequipa/ Regional Government of Arequipa
INDECI	Instituto Nacional de Defensa Civil/ National Institute for Civil Defense
INIA	Instituto Nacional de Investigación Agraria/ National Institute for Agricultural Research
MINAGRI	Ministro de Agricultura y Riego / Ministry of Agriculture and Irrigation
MINAM	Ministerio del Ambiente / Ministry of the Environment
MINSA	Ministerio de Salud /Ministry of Health
ML	Linear meters
SENAMHI	Servicio Nacional de Meteorología e hidrología /National Service for Meteorology and Hydrology
SENASA	Servicio Nacional de Sanidad Agraria / National Service of Agri-Food Health and Quality
SERNANP	Servicio Nacional de Áreas Naturales Protegidas /Natural Service of Natural Protected Areas
UGEL	Unidad de Gestión Educativa Local / Education Management Local Unit
YACHACHI'Q	Quechua word that refers to a wise person from the community
CPA	Certified Public Accountant

## **REPORT ON THE INITIATION WORKSHOP OF THE ADAPTATION FUND'S AYNINACUY PROJECT**

### **1. EXECUTIVE SUMMARY**

The initiation workshop is the first activity of the Project “AYNINACUY: Strengthening the livelihoods for vulnerable highland communities in the provinces of Arequipa, Caylloma, Condesuyos, Castilla and La Union in the Arequipa Region, Peru”.

Short title for the Project: AYNINACUY (A Quechua word that means “Adapting together”).

The project objective is to reduce the vulnerability and increase the adaptive capacity to respond to the impacts of climate change of the highland Andean indigenous communities in the provinces of Arequipa, Caylloma, Castilla, Condesuyos and La Union in the Arequipa Region, which depend on breeding and raising alpacas and camelids. This project sets forth a comprehensive strategy that will be developed throughout 30 months and will combine actions related to critical variables axes.

The Project is funded by the United Nations Adaptation Fund. The Implementing Entity is CAF - Development Bank of Latin America; the Technical Implementing Entity is COPASA Special Project - Regional Government of Arequipa and the Administrative Implementing Entity is CONDESAN, the "Consortium for the Sustainable Development of the Andean Ecoregion"; and the Ministry of the Environment (MINAM) is Peru's Designated Authority (focal point) to the United Nations Adaptation Fund.

The Project was approved at the Adaptation Fund Board Meeting, at the Twentieth Meeting of the Project and Program Review Committee, held in Bonn (Germany) on March 4<sup>th</sup>, 2017 and was ratified on March 14<sup>th</sup> and 15<sup>th</sup>, 2017.

The Initiation Workshop was carried out with the intention of helping all actors, beneficiaries and institutions involved in the project understand and take ownership of the project's objectives and goals.

The Initiation Workshop was held on October 15<sup>th</sup>, 2018 in Arequipa, in the Pedro Paulet Auditorium, of the Regional Government of Arequipa - Peru, with the participation of the Regional Governor of Arequipa, Attorney Yamila Osorio Delgado; the Vice Minister for the Strategic Development of Natural Resources of the Ministry of the Environment, Dr. Lucía Ruiz; Eng. Camilo Rojas and Ms. María Carolina Torres as CAF representatives; the CONDESAN representative, Mrs. Cecilia Gianella; the COPASA Executive Director, CPA Bertha Zegarra de Matos, and the members of the technical team of the project, mayors in office and elected mayors and representatives of the communities and institutions at the national and regional levels.

The day was divided into two moments:

The first moment began with the inauguration, a protocolary act in charge of the Regional Governor, who emphasized her government's interest in gaining approval for this project. In her speech, the Vice Minister for the Strategic Development of Natural

Resources of the Ministry of the Environment, Dr. Lucía Ruiz, stated that the country requires development projects such as "Ayninacuy" in highly vulnerable areas at more than 3,800 meters above sea level, that can be replicated in other provinces.

Three working groups were set up during the second part of the day, to share information on the project and its action plan for the first year and receive feedback from participants regarding the terms of the Interinstitutional Technical Cooperation Agreements, in support to project implementation.

The first working group included representatives from peasant communities, who voiced their support to the terms of the Agreement and the action plan. During the presentation of the project, representatives from peasant communities expressed interest in seeing it replicated in other communities, in order to reduce the mortality of the families' flocks and improve their quality of life.

The second working group included municipal officials from each province and district, who also voiced their conformity with the terms of the Agreement and committed to facilitate and contribute to the implementation of the project.

The third working group comprised representatives from partner institutions MINAM, SERNANP, SENAMHI, EDUCATION, HEALTH and AGRICULTURE, among others, who said they are willing to cooperate with the project and identify synergies with other programs underway. Representatives from partner institutions voiced their intention to support and contribute to the adequate implementation of the project.

Approximately 100 people participated in the workshop, mostly including representatives from peasant communities, provincial and district mayors (in office and elected) and other authorities of the project's beneficiary provinces. Participants also included local press representatives and officials of the Regional Government of Arequipa.

As a result of the workshop, an agreement was reached with the different representatives regarding the terms of the three types of interinstitutional Technical Cooperation Agreements, and regarding implementation plans for the project during its first year of activities.

## **2. PROJECT OVERVIEW**

### **2.1. Background**

The impacts of climate change and the peculiar characteristics of the Arequipa Region highlands, which are aggravated by recurrent frosts in the intervention zones, threaten the sustainability of the main livelihood of peasant communities.

The project has been shared with participating institutions, who have participated in the preparation of initial proposals of Agreements to be signed. Efforts have also included coordinating with CAF and the Ministry of the Environment (MINAM) to obtain the authorizations regarding adequate environmental management of the areas to be intervened and prepare the schedule for the first year, in line with the budget approved by the Adaptation Fund.

## 2.2. Economic context

Peru accounts for 80% of the supply of alpaca fiber in the world market.

Small breeders (small-scale production) produce the majority of alpaca fiber in Peru (85%).

With regard to Alpaca breeding in Peru, according to the most recent animal population census (2012 Census) there are 477,851 alpacas, which amount to 12% of the total number of Alpacas at the national level.

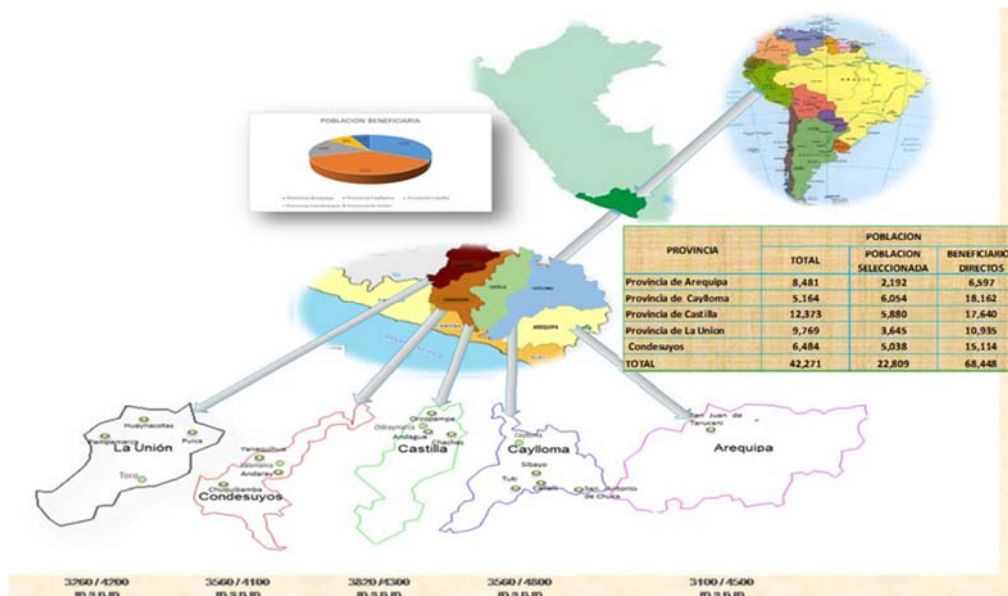
There are 50 camelid breeding organizations in Peru, 9 of which are in the Arequipa Region. These traditionally take the form of Civil Nonprofit Associations (ACSFL, for its acronym in Spanish).

## 2.3. Description of the project area

The effects of climate change also differ within the Peruvian territory, according to the regions and socioeconomic levels. In the distribution of negative climate impacts, the rural poor population in highland mountain ecosystems bears the brunt of these changes. In these areas, glacier retreat has reduced the availability of water and has led to desertification and soil degradation.

Rainfall scarcity aggravates this problem, leading to droughts and frosts. Even though these phenomena have always affected the Arequipa region, they are now more intense (-18 °C).

Consequently, this intensification is causing severe damage to this region’s fragile environment, affecting one of its most vulnerable population groups, located in the high Andean mountains. In particular, this has an impact on the health and survival of people and camelid herds, mainly pregnant alpacas.



The area selected for the implementation of the project corresponds to the rural areas of 18 districts located in the Andean highlands of five provinces: Arequipa, Castilla, Caylloma, Condesuyos and La Union.

The aforementioned effects of climate variability have an impact on overall alpaca fiber production in the highlands of the Arequipa Region:

- Diminishing water availability increases desertification, which affects the areas available for grazing during droughts.
- The capacity for pastures to support animal feeding is significantly reduced, which leads to overgrazing.
- New wind patterns destroy traditional shelters for the protection of camelids, causing the alpacas to be exposed to extreme temperatures, thus increasing their vulnerability. This leads to seasonal mortality in the herd, specially among pregnant specimens and newborn offspring.
- The reduction in the number of animals and the deterioration in their well-being significantly affects the peasant economy and threatens the sustainability of their livestock capital, their main source of livelihood.
- The decreasing availability of water from adequate sources for human consumption, affects the population’s health, leading to increased diarrheal disease. Also, cold weather causes a critical increase in the frequency of respiratory diseases, particularly among children and the elderly.

#### 2.4. Political Division of Peru

According to the Constitution of the Republic, Peru is a unitary and decentralized State. The political and administrative division is based on the creation of Regions, Provinces and Districts (see graph). Administratively, it is divided into 24 regions (previously called departments), which in turn comprise 56 provinces. Two of these are constitutional, special regime provinces that have their own regional government and don’t belong to a department. The provinces are made up of 439 districts and 44,483 population centers and/or communities. Likewise, the province of Lima does not depend on the regional government of the department bearing its same name, but its municipality has the same faculties and powers as any regional government, while being excluded from the regionalization process.



#### 2.5. Project Objective

The project objective is to reduce the vulnerability and increase the adaptive capacity to respond to the impacts of climate change of the highland Andean indigenous communities in the provinces of Arequipa, Caylloma, Castilla,

Condesuyos and La Union in the Region of Arequipa, Peru, which depend on breeding and raising alpacas and camelids.

## 2.6. Project Description

In line with the proposal approved by the Adaptation Fund, the project is based on two major components that focus on implementing measures to: i) strengthen livelihoods and income sources in vulnerable communities in the selected areas and complementary measures, and ii) strengthen institutional and community capacities to reduce the risks of losses caused by climate change.

The first component is based on three thematic axes: 1a) animal protection and health; 1b) water management and 2c) protection of human health. The second component also includes three thematic axes, namely: 2a) governance; 2b) climate change risk management and 2c) knowledge management.

Based on this, the logical framework summarized below was included in the proposal submitted to the Adaptation Fund<sup>1</sup>:

### AF Results Framework - Outcome 2

Strengthening the institutional capacity to reduce the risks associated with climate-induced socioeconomic and environmental losses.

At the community level and at the local authorities' level, capacities for damage and needs assessment will be developed (in concert with local authorities and community leaders). Technical assistance will be provided for the preparation of prevention plans (in conjunction with local authorities).

### AF Results Framework - Outcome 3

Strengthened awareness and ownership of adaptation and climate risk reduction processes at local level. Awareness raising activities will be undertaken at the local level. Teaching materials will be used to support and promote ownership of capacities. Training alternatives that address their needs will be put into practice at the local context.

Activities such as water management will be designed to ensure adequate feeding of Alpacas, in order to guarantee the value and sustainability of natural resources and to ensure the benefit of alternative proposals to strengthen alpaca breeding.

### AF Results Framework - Outcome 5:

Increased ecosystem resilience in response to climate change and climate variability-induced stress.

In order to restore and expand natural areas (high altitude wetlands or *bofedales* in Spanish) that are used by alpacas for grazing, resistant native species (red clover and white clover) will be introduced, thereby improving the existing rustic water distribution channels in these areas. This will enable improved water distribution

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<sup>1</sup> The same numbering system that was used in the proposal is used herein.



towards the high-altitude wetlands, increasing their resilience and curbing land degradation and desertification processes associated with loss of water resources.

AF Results Framework - Outcome 6:

Strengthened livelihoods and income sources for vulnerable communities in selected areas.

In order to strengthen alpaca yearlings to improve their fiber production, the following activities will be carried out: i) Build shelters to protect the alpacas from the effects of cold temperatures; ii) Build fences and introduce pasture rotation to avoid overgrazing; iii) Introduce the use of high altitude foraging grains (Forage Barley, UNA 80 variety, Hâtif de Grignon or winter barley) to complement and improve alpaca nutrition and increase their resistance to cold weather; iv) Build reservoirs to have water available during dry seasons; v) Promote the use of irrigation technology to optimize water use, in order to increase its availability in grazing areas; vi) Introduce the use of species for cold-resistant pastures (ryegrass, *dactylis glomerata*) to guarantee sufficient pasture areas; vii) Implement early warning systems in rural communities. Basic meteorological stations with thermometers for highs and lows, rain meters, humidity meters (hygrometers) to measure temperature variations, rainfall amounts and humidity in the area; viii) Implement animal health prevention campaigns to protect alpacas during climate change induced cold spells.

### 3. THE INITIATION WORKSHOP

The Initiation Workshop was held on October 15<sup>th</sup>, 2018 in Arequipa, in the Pedro Paulet Auditorium, of the Regional Government of Arequipa - Peru. Approximately 100 people participated in the workshop (see Annex I and Annex VIII). Participants include the Regional Governor of Arequipa, Attorney Yamila Osorio Delgado; the Vice Minister for the Strategic Development of Natural Resources of the Ministry of the Environment, Dr. Lucía Ruiz; Eng. Camilo Rojas and Ms. María Carolina Torres as CAF representatives; the CONDESAN representative, Mrs. Cecilia Gianella; the COPASA Executive Director, CPA Bertha Zegarra de Matos, and the members of the technical team of the project. The workshop also summoned mayors in office and elected mayors or their representatives from the project area, representatives and direct actors of the communities where the project will be implemented, as well as national and regional level institutions and local and national press.

The workshop agenda (see Annex II) included two segments. A first segment in the morning was aimed at presenting and sharing the project, as well as explaining general aspects of the action plan for the first year, the governance schemes and the mayors', communities' and institutions' support to the project. In this segment, the Regional Governor highlighted the government's commitment to and interest in the project. In her intervention, the Vice Minister for the Strategic Development of Natural Resources of the Ministry of the Environment, Dr. Lucía Ruiz, emphasized the importance of the Ayninacuy project in light of Peru's commitments in the framework of the Paris Agreement. She also highlighted the project's comprehensive approach and how it will have an impact on the quality of life of the high Andean communities in the region. The

Vice Minister also underlined the project's potential for replicability in highly vulnerable zones located in other provinces located at more than 3,800 meters above sea level.

The second segment focused on the interaction among project actors, in order to: receive recommendations regarding its implementation and its action plan for the first year, define how activities will be coordinated and gain commitment regarding activities and other types of support that will be necessary for the implementation of the project. The latter will be carried out by means of the Interinstitutional Technical Cooperation Agreements.

For this, three working groups lead by the project's technical team were set up. The first working group which included representatives from peasant communities, voiced their support to the terms of the Agreement and the action plan. During the presentation of the project, representatives from peasant communities expressed interest in seeing it replicated in other communities, in order to reduce the mortality of the families' flocks and improve their quality of life.

The second working group included municipal officials from each province and district, who also voiced their conformity with the terms of the Agreement and committed to facilitate and contribute to the implementation of the project.

The third working group comprised representatives from partner institutions MINAM, SERNANP, SENAMHI, EDUCATION, HEALTH and AGRICULTURE, among others, who said they are willing to cooperate with the project and identify synergies with other programs underway. Representatives from partner institutions voiced their intention to support and contribute to the adequate implementation of the project.

### **3.1. Workshop objectives**

The workshop objectives are listed below, in line with the proposal approved by the Adaptation Fund and the tripartite agreement between CAF, COPASA and CONDESAN. The following were the workshop objectives:

- a.** Ensure that participants understand and agree with the Project objective.
- b.** Describe and reach agreements regarding each beneficiary's duties, roles and responsibilities that are necessary to achieve the end objective.
- c.** Review agreements regarding monitoring and evaluation requirements and procedures: compliance with agreements.
- d.** Propose an Agenda for periodic meetings that are required for project implementation.
- e.** Review and monitor aspects related to environmental and social management (FCISA) and SERNANP.
- f.** Present and validate reporting and auditing procedures (CONDESAN).

### 3.2. Implementation schedule for the first year

The following is the schedule for the first year of activities. The starting point is the disbursement date, August 21, 2018. All schedule items have been divided into two sections, one related to the procurement processes involving materials and supplies and the other, related to field implementation, which is expected to begin in 2109 (see table 1).

3.2.1. Table 1: Schedule

RESULTS	ACTIVITY	QTY.	M.U.	YEAR 1	YEAR 1											
					QUARTER 1			QUARTER 2			QUARTER 3			QUARTER 4		
					MTH 1	MTH 2	MTH 3	MTH 4	MTH 5	MTH 6	MTH 7	MTH 8	MTH 9	MTH 10	MTH 11	MTH 12
<b>COMPONENT 1: IMPLEMENTATION OF MEASURES TO STRENGTHEN LIVELIHOODS AND INCOME SOURCES IN VULNERABLE COMMUNITIES IN THE SELECTED AREAS</b>																
<b>A.- ANIMAL PROTECTION AND HEALTH AXIS</b>					<b>YEAR 1</b>											
Products 1.1.1: shelters built for animal protection (in particular alpaca mothers and offspring)	270 shelters built, with a capacity for 70 vulnerable animals in each shelter	270	Shelters	84											Quotation / Purchase	Implementation
Products 1.1.2: Protective fencing, with livestock netting, installed.	72 livestock fences installed.	72	Fences	33											Quotation / Purchase	Implementation
Products 1.1.3: Seeding and cultivation of high-altitude forage cereals.	900 ha high altitude forage cereals planted	900	Ha	281											Quotation / Purchase	Implementation
Products 1.1.4: Seeding and cultivation of improved pastures.	Ha of improved grasses seeded.	72	Ha	5											Quotation / Purchase	Implementation
Products 1.1.6: Animal health campaigns in selected rural communities	10,000 dosed animals	10,000	Animals	3,125											Quotation / Purchase	Implementation
<b>B.- WATER MANAGEMENT AXIS</b>					<b>YEAR 1</b>											
Products 1.2.1: Modules of pressurized irrigation installed in selected communities..	72 pressurized irrigation modules installed	72	Modules	5											Quote / Purchase	Implementation
Products 1.2.4: Construction of rustic reservoirs (Q'ochas) for storing rainfall and water from streams or natural sources (springs).	36 rustic reservoirs (Q'ochas) improved or recovered	36	Units	11											Quotation / Purchase	Implementation
<b>C.- PROTECTION OF HUMAN HEALTH AXIS</b>					<b>YEAR 1</b>											
Products 1.3.1: Water purification systems installed in the most vulnerable communities, in order to reduce the incidence of diarrheal diseases	05 Community water purification systems are installed.	5	Systems	1											Quotation / Purchase	Implementation



Products 1.3.2: Improvement campaigns for "healthy rural homes": heating via solar walls; rural electrification (autonomous photovoltaic systems), composting latrines and improved stoves	72 family sanitary services.	72	Sanitary services	24						Quotation / Purchase	Implementation	
	72 Improved stoves.	72	Stoves	24						Quotation / Purchase	Implementation	
	72 photovoltaic panels installed	72	Panels	24						Quotation / Purchase	Implementation	
	72 solar walls.	72	walls	24						Quotation / Purchase	Implementation	
<b>COMPONENT 2: Implementation of measures aimed at strengthening institutional and community capacities to reduce risks of losses caused by climate change.</b>												
<b>D.- GOVERNANCE AXIS</b>					<b>YEAR 1</b>							
Products 2.1.1: Awareness and coordination with local and community authorities for the design and implementation of monitoring plans.	04 provincial agreements	2	projects	2	Promoting awareness	Implementation						
Products 2.1.2: Preparing agreements for the selection of beneficiaries with the participation of diverse actors	5 provincial agreements, 18 district agreements, 36 agreements with communities	3	projects	36	Promoting awareness	Implementation						
<b>E.- CLIMATE CHANGE AND RISK MANAGEMENT AXIS</b>					<b>YEAR 1</b>							
Products 2.2.1: Staging disaster drills at the provincial level.	05 Drills	5	Drills	0						Signage purchase/Logistics and Interinstitutional management	Implementation	
Products 2.2.2: Implementation of teaching modules for early warning systems (EWS) in rural communities	36 EWS training events Modules.	36	Training modules	21						Quote / Purchase	Implementation	
Products 2.2.3: Support to educational institutions for the preparation of their prevention and disaster response plans, as a climate change adaptation measure.	05 Schools develop prevention and disaster response plans, as a climate change adaptation measure.	5	Plans	1						Signage purchase/Logistics and Interinstitutional management	Implementation	
Products 2.2.4: Training for the creation and strengthening of district- and community-level civil defense platforms (identification, startup).	18 workshops to support the creation and strengthening of district- and community-level civil defense platforms.	18	Workshops	6						Signage purchase/Logistics and Interinstitutional management	Implementation	
<b>F.- KNOWLEDGE MANAGEMENT AXIS</b>					<b>YEAR 1</b>							
Products 2.3.3: Preparation of technical guides on: 1. Climate adaptation and environmental risk management. 2. Management and operation of the early warning system. 3. Adaptation and risk prevention in educational institutions. 4. Seeding and cultivation of forage cereals, installation of cultivated grasses and pressurized irrigation pilots, management of highland wetlands, animal health, construction of shelters, improvement of family housing.	13 Technical guides	13	Guides	4	Design and Layout							
	43,000 Pedagogical guides in different formats and sizes on climate change adaptation in environmental risk contexts.	43,000	Guides	12,286						Printing / Distribution		



TRAINING EVENTS TO STRENGTHEN CAPACITIES					YEAR 1		
Products 2.3.4: Training sessions on: 1. Installation, management and operation of teaching modules on community early warning systems, early warning systems and fatigue of district and community civil defense platforms. 2. Climate adaptation, risk management and environmental protection (educational institutions). 3. Basic biannual training of evaluation teams and needs analysis at the district level (EDANS). 4. Disaster prevention aimed at municipal officials and community representatives (setting up biannual evaluation teams, climate change risk management, preparation and dissemination of a long-term climate change risk management strategy), 5. Training workshops on adaptation technologies (modern irrigation techniques, handling and maintaining forage grains, associated grasses, clover in high altitude wetlands, animal care and health, shelter construction). 5. Preparation of interactive risk maps, prevention plans, community assistance for heads of households 6. Risk management and environmental protection, for educational institutions 7. Transfer of techniques for improving Andean highland rural housing: Trombe solar walls, electric panels, rural electrification systems, domestic sanitary services with biodigesters, safe water with inverse osmosis methods and improved family stoves.	180 Participants from 36 peasant communities.	180	Participant s.	23	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	540 heads of household, representatives from selected peasant communities.	540	Participant s.	68	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	1,000 students and teachers, 05 educational institutions participate in 04 training workshops.	1,000	Students and teachers	125	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	08 Workshops with participants from 05 Provinces are trained for the creation of the EDAN teams	64	Workshop s	13	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	03 training workshops, each one-day long, aimed 80 heads of household.	540	Beneficiari es	108	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	72 participants are trained in disaster prevention sessions.	142	Participant s	36	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	02 training sessions to transfer techniques for the improvement of Andean highland rural housing: Trombe walls.	140	Participant s.	28	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	Training for the installation of composting latrines.	141	Participant s.	28	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	Training for the installation of improved stoves.	142	Participant s.	29	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
	Training for the installation of photovoltaic panels.	143	Participant s.	29	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation
3750 household members are trained in the different adaptation technologies offered by the project.	3,750	Members	1,172	Preparation of the training plan, Quotation / Purchase of supplies	Beneficiary Selection Process	Implementation	

### 3.3. Results

Below are the results expected for the first year of activities, along with information on the amounts for each item and in some cases, observations on how they will be achieved (see table 2).

**Table 2. Results**

EXPECTED RESULTS / OBSERVATIONS YEAR 1		
NAME OF ACTIVITY	EXPECTED RESULTS	OBSERVATIONS
<b>COMPONENT 1</b>		
<b>Product 1.1.1. : Specific livelihood strategies strengthened in relation to climate change impacts</b>		
<b>A.- ANIMAL PROTECTION AND HEALTH AXIS</b>	<b>EXPECTED RESULTS</b>	<b>OBSERVATIONS</b>
1.1.1.1. 270 shelters are improved for animal protection (in particular mothers and alpaca offspring)	<ul style="list-style-type: none"> <li>● 84 camelid shelters are adequately improved and fulfill their functions, in each selected location</li> <li>● 5,880 vulnerable females, with their offspring, are adequately protected in shelters</li> <li>● 5,880 vulnerable young alpacas are protected in the pens that are attached to the shelters. These environments will facilitate work regarding animal health.</li> </ul>	
1.1.1.2. 72 protective fences with livestock netting are installed, to preserve natural pastures and cultivated pastures, thus avoiding overgrazing	<ul style="list-style-type: none"> <li>● 33 fences with livestock netting allow the most vulnerable sectors of the native Andean highland to be protected from the effects of overgrazing</li> <li>● The livestock fences will allow training livestock producers in pasture rotation and management techniques.</li> </ul>	
1.1.1.3. Seeding, cultivation and post-harvest of 900 Ha. of forage cereals	<ul style="list-style-type: none"> <li>● Locate 101 hectares of abandoned pens and prepare them for sowing 101 hectares of high-altitude forage cereals</li> <li>● 5,000 M.T. of greenery is obtained as a result of the cultivation of forage cereals.</li> <li>● Storing produced forage cereals will enable having a reserve of 3000 M.T. of Forages Silage, or a 500 MT reserve of hay</li> </ul>	



1.1.4. 72 Ha. of improved pastures are installed	<ul style="list-style-type: none"> <li>• 5 Ha. of improved pastures allow the food reserve to be optimized for alpaca producers in the area</li> <li>• The yield of the cultivated pastures is 60 to 70 tons of green forage per hectare, (equivalent to 12 to 14 tons of dry forage).</li> </ul>	
1.1.6. 10,000 camelids that belong to the domestic camelid herds of the selected communities, are dosed.	<ul style="list-style-type: none"> <li>• 5,880 vulnerable animals are dosed with antibiotics and restorative substances, to reduce mortality and abortion of offspring.</li> </ul>	<ul style="list-style-type: none"> <li>• Community health promoters will be trained to carry out these activities,</li> <li>• Joint training sessions for peasants from the highlands will be held in coordination with SENASA- Arequipa</li> </ul>
<b>B. - WATER MANAGEMENT AXIS</b>	<b>EXPECTED RESULTS</b>	<b>OBSERVATIONS</b>
1.2.1. 72 pressurized irrigation modules installed	<ul style="list-style-type: none"> <li>• 5 pressurized irrigation modules are installed in the same number of rural communities, to enable optimal use of water under Water Stress conditions.</li> <li>• 5 Ha. of natural pastures are irrigated with pressurized irrigation systems. This allows training of selected alpaca-breeding peasants in irrigation techniques.</li> </ul>	
1.2.4. 36 Reflecting ponds or rustic Q'ochas will be improved	<ul style="list-style-type: none"> <li>• 09 improved rustic water mirrors or Q'ochas, allow increasing the water reserve of the selected sectors, with an average of 500 m<sup>3</sup> each.</li> </ul>	
<b>C. – PROTECTION OF HUMAN HEALTH AXIS</b>	<b>EXPECTED RESULTS</b>	<b>OBSERVATIONS</b>
1.3.1. Installation of 72 domestic water purification modules in the most vulnerable communities, in order to reduce the incidence of diarrheal diseases	<ul style="list-style-type: none"> <li>• Safe water systems are implemented in 24 peasant homes, which are selected in a communal assembly and ratified by the local authority</li> </ul>	<ul style="list-style-type: none"> <li>• The implementation of these measures will allow reducing the physical vulnerabilities of selected homes, reducing infectious and contagious diseases that affect children and the elderly in the selected rural communities</li> </ul>
1.3.2.1. Installation of 72 domestic sanitary services modules	<ul style="list-style-type: none"> <li>• 24 peasant homes, have adequate sanitary services, connected to a biodigester, to avoid environmental contamination</li> </ul>	<ul style="list-style-type: none"> <li>• The implementation of these measures will allow reducing the physical vulnerabilities of selected homes, reducing infectious and contagious diseases that affect children and the elderly in the selected rural communities</li> </ul>
1.3.2.2. Installation of 72 modules of improved stoves in selected homes	<ul style="list-style-type: none"> <li>• 24 peasant homes have improved stoves to help reduce native plants felling, promote the use of manure instead of fuel and the reduction of lung and ophthalmic diseases.</li> </ul>	<ul style="list-style-type: none"> <li>• The implementation of these measures will allow reducing the physical vulnerabilities of selected homes, reducing infectious and contagious diseases that affect children and the elderly in the selected rural communities</li> </ul>
1.3.3.3. Installation of 72 modules of photovoltaic panels with all their accessories	<ul style="list-style-type: none"> <li>• 24 photovoltaic panels installed in selected peasant homes, provide clean electric power to adequately light homes, reduce the consumption of polluting fuel used for home lighting, and facilitate children's studying activities.</li> </ul>	<ul style="list-style-type: none"> <li>• The implementation of these measures will allow reducing the physical vulnerabilities of selected homes, reducing infectious and contagious diseases that affect children and the elderly in the selected rural communities</li> </ul>



1.3.3.4. Installation of 72 Trombe walls or solar walls in each of the selected houses	<ul style="list-style-type: none"> <li>• 24 Trombe walls enable heating selected peasant homes.</li> </ul>	<ul style="list-style-type: none"> <li>• The implementation of these measures will allow reducing the physical vulnerabilities of selected homes, reducing infectious and contagious diseases that affect children and the elderly in the selected rural communities</li> </ul>
<b>COMPONENT 2: IMPLEMENTING MEASURES TO STRENGTHEN INSTITUTIONAL AND COMMUNITY CAPACITIES TO REDUCE THE RISKS OF LOSSES ASSOCIATED WITH CLIMATE-INDUCED.</b>		
<b>D.- SUPPORT TO GOVERNANCE AXIS</b>	<b>EXPECTED RESULTS</b>	<b>OBSERVATIONS</b>
2.1.1. 04 Provincial Agreements; 18 district agreements,	<ul style="list-style-type: none"> <li>• 22 Interinstitutional Cooperation Agreements signed between the representatives of the Local Governments and Communal Authorities, will ensure that commitments therein will be achieved, within the timeframes foreseen and with beneficiaries' approval.</li> </ul>	<ul style="list-style-type: none"> <li>• Invite local and communal authorities to meetings to raise awareness and explain the scope of the agreement</li> <li>• Delivery of the proposed agreement, to be analyzed and approved in an Extraordinary Session of the Municipal Council</li> <li>• Delivery of the proposed agreement to Communal Authorities, to be approved in an extraordinary session of the Communal Council</li> <li>• Collection of agreements duly approved along with the respective minutes</li> </ul>
2.1.2. 36 agreements with communities	<ul style="list-style-type: none"> <li>• 36 Interinstitutional Cooperation Agreements signed between the representatives of the Local Governments and Communal Authorities, will ensure that commitments therein will be achieved, within the timeframes foreseen and with beneficiaries' approval.</li> </ul>	<ul style="list-style-type: none"> <li>• Invite local and communal authorities to meetings to raise awareness and explain the scope of the agreement</li> <li>• Delivery of the proposed agreement to be analyzed and approved in an Extraordinary Session of the Municipal Council</li> <li>• Delivery of the proposed agreement to Communal Authorities, to be approved in an extraordinary session of the Communal Council</li> <li>• Collection of agreements duly approved along with the respective minutes</li> </ul>
<b>E.- RISK MANAGEMENT AND CLIMATE CHANGE ADAPTATION AXIS</b>	<b>EXPECTED RESULTS</b>	<b>OBSERVATIONS</b>
2.2.1. 05 Natural Disaster Drills are organized in coordination with the Provincial Local Governments	<ul style="list-style-type: none"> <li>• The project actively participates in two disaster drills, to evaluate the progress of the Civil Defense platforms in each level, and to promote corrective measures as necessary.</li> </ul>	
2.2.2. 36 modules for EWS training sessions are implemented (meteorological station and basic instruments)	<ul style="list-style-type: none"> <li>• 22 early warning systems' meteorological cabins are installed in 22 educational institutions facilitate monitoring of climatic variables under their jurisdiction, such as maximum</li> </ul>	





	<p>and minimum temperatures, environmental humidity and precipitation values.</p> <ul style="list-style-type: none"> <li>● Older students are trained to monitor these instruments and together with their teacher, prepare the respective histograms to be delivered to the SENATH.</li> </ul>	
2.2.3. 05 Schools develop their Disaster Prevention and Response Plans, as a climate change adaptation measure	<ul style="list-style-type: none"> <li>● 01 Educational Institution in the project area, develops and implements its Disaster Prevention Plan, in coordination with teachers and older students.</li> </ul>	●
2.2.4. 18 workshops to support training and strengthening of district civil defense platforms	<ul style="list-style-type: none"> <li>● 06 capacity strengthening workshops are held for members of Civil Defense Platforms, at the two levels of operation (Provincial and District), thus creating the conditions for the implementation of the Civil Defense Communal Platforms in the selected human settlements.</li> </ul>	●
<b>F.- KNOWLEDGE MANAGEMENT AXIS</b>	<b>EXPECTED RESULTS</b>	<b>OBSERVATIONS</b>
<b>F.1. PREPARATION OF TRAINING GUIDES</b>		
2.3.3.- Design, layout and selection of materials for the preparation of 10 pedagogical guides, printing and content review	<ul style="list-style-type: none"> <li>● Matrices shall be completed in order to print the Technical Guides required for trainings.</li> </ul>	
2.3.4. Preparation of 37,000 pedagogical guides in different formats and sizes, on adaptation to climate change in contexts of environmental risk	<ul style="list-style-type: none"> <li>● The required Technical Guidelines shall be ready for the Field Days process, separated per province, district and community where project activities will be carried out.</li> </ul>	<ul style="list-style-type: none"> <li>● 2000 guides on environmental risk issues prepared.</li> <li>● 4,000 guides early warning systems prepared.</li> <li>● 4,000 guides on adaptation and risk prevention in schools prepared.</li> <li>● 4,000 guides on forage cereal installation prepared.</li> <li>● 4,000 guides on the installation of improved pasture prepared.</li> <li>● 4,000 guides on pressurized irrigation systems prepared.</li> <li>● 4,000 guides on water management in educational institutions prepared</li> <li>● 2,000 guides on Animal Health prepared.</li> <li>● 4,000 guides on shelter construction prepared.</li> <li>● 4,000 guides on improved housing prepared.</li> <li>● 4,000 guides on safe water management and consumption prepared.</li> <li>● 2,000 modules for the recovery of ancestral indicators.</li> </ul>



		● 1,000 Guides on self development and family improvement, primarily aimed at women
<b>F.2. HOLDING TRAINING EVENTS TO STRENGTHEN CAPACITIES</b>		
180 Participants, from 36 peasant communities, participate in 01 day-long training event for the installation of EWS equipment (early warning)	<ul style="list-style-type: none"> <li>● 23 students, from 05 educational institutions in previously selected communities, are trained by SENAMHI specialists, in techniques to read basic meteorological instruments (maximum thermometer, minimum thermometer, rain gauge, hygrometer)</li> <li>● 23 students, from 05 educational institutions in previously selected communities, are trained by SENAMHI specialists, on how to process the information obtained from meteorological instruments</li> </ul>	
540 heads of household, representatives from 36 selected peasant communities, participate in training events lasting for two days, to create the civil defense community platforms	● 68 participants from previously selected peasant communities, are adequately trained for the implementation and operation of the Civil Defense Platforms at local and communal government levels.	
1,000 students and teachers, 05 educational institutions, participate in 04 day-long training workshops each, which will address the following issues: a. -Adaptation to climate change b.- Environmental care c.- Preparation of Talking Maps on institutional dangers	● 68 participants from 4 educational institutions are trained on environmental protection techniques, preparation of prevention plans in coordination with representatives of the civil defense platform	
05 members of the Provincial Civil Defense Platforms, are trained in four sessions, each lasting for two days, in workshops for the preparation for the creation of EDAN teams		
Holding 03 day-long training workshops, aimed at 180 heads of household, to enable them to develop climate change adaptation plans at the community level on issues related to: a. Danger, vulnerabilities diagnoses. b. Talking risk maps. c. Communal prevention and response plans	<ul style="list-style-type: none"> <li>● 23 participants, peasant <i>comuneros</i> from the selected communities, participate actively in the training program, which has been designed by them according to their needs</li> <li>● 23 participants from the Field Day training sessions are provided with desk supplies and technical guides, which will consequently be useful as reference material</li> <li>● 23 peasant <i>comuneros</i> who are trained in field day sessions practice what they have learned.</li> </ul>	Community members ( <i>comuneros</i> ), peasants from the selected localities, serve as multipliers in their community and beyond, by sharing what they have learned



<p>72 participants are trained in sessions, each lasting for 02 days, for the transfer of techniques regarding the improvement of Andean rural housing, in the installation of:</p> <ul style="list-style-type: none"> <li>a.- Trombe walls.</li> <li>b.- Construction of composting latrines.</li> <li>c.- Building improved stoves</li> <li>d.- Installation of autonomous photovoltaic panels</li> <li>e.- Safe Water Installation</li> </ul>	<ul style="list-style-type: none"> <li>● 24 participants, peasant <i>comuneros</i> from the selected communities, participate actively in the training program, which has been designed by them according to their needs</li> <li>● 24 participants from the Field Day training sessions are provided with desk supplies and technical guides, which will consequently be useful as reference material</li> <li>● 24 peasant <i>comuneros</i> who are trained in field day sessions practice what they have learned.</li> </ul>	<p>Community members (<i>comuneros</i>), peasants from the selected localities, serve as multipliers in their community and beyond, by sharing what they have learned</p>
<p>180 project beneficiaries are trained throughout 10 training sessions, each lasting for 02 days, in the different adaptation technologies that the project offers:</p> <ul style="list-style-type: none"> <li>a) Fodder cereals</li> <li>b) Associated pastures</li> <li>c) Clovers in high-altitude wetlands</li> <li>d) Expansion of high-altitude wetlands</li> <li>e) Improvement of Rustic Canals</li> <li>f) Technical irrigation equipment</li> <li>g) Installation of fences</li> <li>h) Animal health and management</li> <li>i) Construction of livestock shelters</li> <li>j) Improvement of peasant housing</li> </ul>	<ul style="list-style-type: none"> <li>● 24 participants, peasant <i>comuneros</i> from the selected communities, participate actively in the training program, which has been designed by them according to their needs</li> <li>● 24 participants from the Field Day training sessions are provided with desk supplies and technical guides, which will consequently be useful as reference material</li> <li>● 24 peasant <i>comuneros</i> who are trained in field day sessions practice what they have learned.</li> </ul>	<p>Community members (<i>comuneros</i>), peasants from the selected localities, serve as multipliers in their community and beyond, by sharing what they have learned</p>

### 3.4. Budget Execution of the Activity Plan

Below is the budget execution plan broken down per thematic axes, which was presented during the workshop. This execution plan is indicative and subject to change; however, the total project value and the amount of the first disbursement will remain unchanged.

#### 3.4.1. Activities in the Animal Health and Protection Axis

- Quotations and purchase orders will be managed as of February-March 2019 and it is estimated that field activities will begin between April and May 2019. These activities will be carried out in the 5 selected provinces and will continue to be implemented during 2020.

ANIMAL PROTECTION AND HEALTH AXIS	Amounts		% Execution Year 1	Indicator	Unit Price	Amount USD Executed Year 1
	Total	Total Year 1				
Improvement of shelters	270	84	31%	Sheds	1,550	130,200
Installation of protection fences	72	33	46%	Mesh fencing	1,500	49,500
Seeding, cultivation and post-harvest of forage cereals	900	101	11%	Hectares	800	80,800
Improved pastures installed	72	5	7%	Hectares	600	3,000
Dosing of camelids	10,000	5,000	50%	Animals	5	25,000
<b>Total</b>						<b>288,500</b>

### 3.4.2. Activities in the Water Management Axis

- Quotations and purchase orders will be managed as of February-March 2019 and it is estimated that field activities will begin in April 2019. These activities will be carried out in the 5 selected provinces and will continue to be implemented during 2020.

WATER MANAGEMENT AXIS	Amounts		% Execution Year 1	Indicator	Unit Price	Amount USD Executed Year 1
	Total	Total Year 1				
Installation of pressurized irrigation systems	72	5	7%	Irrigation systems	3,200	16,000
Improvement of Water Mirrors	36	9	25%	Rustic mirrors	2,600	23,400
<b>Total</b>						<b>39,400</b>

### 3.4.3. Activities in the Protection of Human Health Axis

- Quotations and purchase orders will be managed as of February-March 2019 and it is estimated that field activities will begin in April 2019. These activities will be carried out in the 5 selected provinces and will continue to be implemented during 2020.

PROTECTION OF HUMAN HEALTH AXIS	Amounts		% Execution Year 1	Indicator	Unit Price	Amount USD Executed Year 1
	Total	Total Year 1				
Installation of water purification modules	72	24	33%	Safe water equipment	764	18,333
Installation of domestic sanitary modules	72	24	33%	Sanitary services modules	1,600	38,400
Installation of improved stove modules	72	24	33%	Improved stoves	1,000	24,000
Installation of photovoltaic panel modules	72	24	33%	Photovoltaic panels	1,100	26,400
Installation of Trombe walls or solar walls	72	24	33%	Trombe walls	600	14,400
<b>Total</b>						<b>121,533</b>

#### 3.4.4. Activities in the Support to Governance Axis

- By November 2018, it is expected that 100% of agreements with peasant communities, strategic allies, provincial and district authorities will be signed. Agreements are aimed at developing synergies to support the achievement of project objectives.

SUPPORT TO GOVERNANCE AXIS	Amounts		% execution Year 1	Indicator
	Total	Total Year 1		
Provincial and District Agreements	22	22	100%	Agreements
Agreements with the communities	36	36	100%	Agreements
<b>Total</b>	58	58		

### 3.4.5. Activities in the Risk Management and Climate Change Adaptation Axis

- Quotations and purchase orders will be managed as of February-March 2019 and it is estimated that field activities will begin in April 2019. These activities will be carried out in the 5 selected provinces and will continue to be implemented during 2021.

RISK MANAGEMENT AND CLIMATE CHANGE ADAPTATION AXIS	Amounts		% Execution Year 1	Indicator	Unit Price	Amount Executed Year 1 USD
	Total	Total Year 1				
Natural Disaster Drills	5	2	40%	Drills	1,000	2,000
EWS training sessions modules	36	22	61%	Training modules	400	8,800
Disaster prevention and response plans in schools	5	1	20%	Plans	600	600
District level civil defense workshops	18	6	33%	Workshops	600	3,600
<b>Total</b>	64	31				15,000

### 3.4.6. Activities in the Knowledge Management Axis

- This is one of the project's initial activities. The development, design and layout of the guides is already underway and is expected to be completed in January 2019. The material will be printed and distributed during the first quarter of 2019.

KNOWLEDGE MANAGEMENT AXIS: TRAINING GUIDES	Amounts		% Execution Year 1	Indicator	Unit Price	Amount USD Executed Year 1
	Total	Total Year 1				
Pedagogical guides design and layout	13	10	77%	Layout	700	7,000
Preparation of pedagogical guides in different formats and sizes	43,000	37,000	86%	Guides	5	185,000
<b>Total</b>						<b>192.000</b>

The training sessions and workshops will take place during the first semester of 2019, based on the previous beneficiary selection process.

KNOWLEDGE MANAGEMENT AXIS: TRAINING SESSIONS	Amounts		% Execution Year 1	Indicator	Unit Price	Amount Executed Year 1 USD
	Total	Total Year 1				
Training sessions for the installation of EWS equipment	180	23	13%	Participants	4	92
Civil Defense training sessions	540	68	13%	Participants	4	272
Adaptation workshops	1,000	125	13%	Students and teachers	4	500



Workshops for the formation of EDAN teams	64	13	20%	Workshops	4	52
Workshops aimed at heads of household to support them in preparing their climate change plans at the community level	540	108	20%	Participants	4	432
Techniques for the improvement of rural housing	142	24	17%	Participants	4	96
Workshops in different adaptation technologies	140	24	17%	Participants	4	96
<b>Total</b>						<b>1,540</b>

### 3.5. The Oversight and Evaluation Activity Plan

The project's monitoring and evaluation strategy is based on ongoing support and oversight in the field, which will enable real-time identification of any possible problems in the implementation of activities, in order to apply immediate solutions. The field supervisor, as well as the Yachachiq<sup>2</sup>, will remain in the field and will constantly visit the different beneficiaries and the project sites, as set forth in the work plan. The field supervisor will provide permanent advice to the Yachachiq for the optimal execution of the project, according to the following table:

<sup>2</sup> Note from the translator: Yachachiq is a word in Quechua, which means "a peasant, who acts as a leader and teaches or instructs others".

ITEM	PROVINCE	DISTRICT	COMMUNITY
<b>Field Supervisor</b>			
<b>1</b>	<b>Yachachiq</b>		
1.1.	Arequipa	San Juan de Tarucani	San Juan de Tarucani
1.2.			Huayllacucho
<b>2</b>	<b>Yachachiq</b>		
2.1	Caylloma	San Antonio de Chuca	San Antonio de Chuca
2.2.			Vincocaya
2.3.		Callalli	Hanansaya I
2.4.			Hanansaya II
2.5.		Tuti	Ranran Chungara Tuti
2.6.		Sibayo	Tres Estancias
2.7.			Condorcuyo
2.8.			Pusapusa
2.9.		Caylloma	Santa Rosa
<b>3</b>	<b>Yachachiq</b>		
3.1.	Castilla	Orcopampa	Sarpani
3.2.			Misahuanca
3.3.		Chilcaymarca	Chapacoco
3.4.			Chilcaymarca
3.5.		Andagua	San Antonio
3.6.			Ccalhua
3.7.		Chachas	Toconi I
3.8.			Huaracopalca
<b>4</b>	<b>Yachachiq</b>		
4.1.	La Union	Puyca	Cuspa
4.2.			Maghuanca
4.3.		Huaynacoyas	Huayqui
4.4.			Huarcaya
4.5.		Pampamarca	Pampamarca
4.6.			Tecca-Rumihuasi
4.7.		Toro	Ancaro
4.8.			Visca
<b>5.</b>	<b>Yachachiq</b>		
5.1.	Condesuyos	Chuquibamba	Chojanilayoc
5.2.			Cristal puquio
5.3.		Yanaquigua	Huchumiri I
5.4.			Huchumiri II
5.5.		Andaray	Arirahua
5.6.			Andaray
5.7.		Salamanca	Capilla
5.8.			Maucallacta

### **3.6. The Project's Environmental and Social Management Plan**

For the first year, as of the beginning of the project, the environmental and social management plan will be developed based on the guidelines from the Adaptation Fund and local regulations, once the respective local rulings are obtained (they are currently being processed).

In general, it is expected that the following measures will be developed, according to the initial Environmental and Social Report.

- a) Physical Component Management Measures
  - Air Quality Control Measures
  - Soil Conservation Measures
  - Water Conservation Measures
  - Landscape Conservation Measures
  - Solid Waste Management Program
- b) Biotic Component Management Measures
- c) Socio-Economic Measures
  - Community Relations and Participation Program
  - Training Program
  - Occupational Health Assurance Program
- d) Environmental Emergencies Prevention Program

### **3.7. The Monitoring and Evaluation Plan of Environmental and Social Management**

The Monitoring and Evaluation Plan will include required indicators and it will be developed as of the second semester, when the fieldwork begins, according to the results from the project's Environmental and Social Management Plan.

### **3.8. Plan for regular situation assessments, reports on financial execution and annual audits**

In accordance with CAF's fiduciary standards, the Administrative Implementing Entity, CODESAN, will prepare the chapters on administration and finances in the reports required by the AF, regarding the project's administrative and financial management.

The above, in accordance with the provisions of the Project Proposal that was approved by the Board of the Adaptation Fund-AF and the project agreement between CAF and the Adaptation Fund.

This point refers to the financial chapters that will be included in the following documents that CAF must submit to the Secretariat of the AF Board:

- a. Initiation workshop report (deadline: November 15, 2018).
- b. Quarterly progress reports. First report for the November 15-February 15 period to be submitted before March 15, 2019.

- c. Annual Project Performance Report–PPR. Addresses the project’s implementation status and must be submitted within two (2) months after each year of execution.
- d. Mid-term evaluation. Shall be submitted within six (6) months after the Project is half-way through the implementation period.
- e. Project Completion Report, which shall be submitted within six (6) months after the Project has been completed.
- f. Final Evaluation. It will be prepared by an external consultant selected by CAF and shall be submitted within nine (9) months after the end of the Project.
- g. Financial statement audited by an International Auditing firm, once the project is completed. It will be prepared by an external auditor hired by CAF and shall be submitted within six (6) months after the Project is completed.

#### **4. PROJECT MANAGEMENT’S FOLLOW UP AND MONITORING STRATEGY**

The Project’s management team will provide ongoing assistance and monitoring and will make field visits in strategic occasions, to support COPASA. Furthermore, it will supervise the administration’s procurement of supplies to ensure their quality, guarantee that they are delivered on time and meet the project’s objectives.

A meeting will be held with the entire team (field supervisor, Yachachiqs and administrative assistant) before preparing the Quarterly Results Report. This meeting will be used to share and disseminate progress made vis-a-vis the Log Frame programming and it will be an opportunity to discuss whether any critical bottlenecks or unexpected situations have been identified and how they are being managed, or if there is a need to implement some other strategy. There will be permanent and fluent communication through the project's field supervisor.

There will be unannounced and frequent visits from management and the administrative assistant to each of the prioritized areas.

The respective Report will be prepared on a quarterly basis, in accordance with CAF’s and the Adaptation Fund’s requirements. This report will provide a clear assessment of progress made in each of the component’s axes.

The end of year report should be comprehensive, in order to depict progress made, achievement of goals and progress towards meeting the project’s objectives and indicators since its inception. This information should go hand in hand with progress on financial implementation, in accordance with the indicators in the proposal. This report must also include the document on financial and accounting implementation, prepared by the administrative implementing agency.

Given that the Ayninacuy project has a 30-month duration, only one external evaluation will take place at the end of the intervention. A systematization process including information on the project’s achievements and difficulties will be carried out once the project is completed.

Throughout the three final months, the technical team will prepare the final project report that should contain the results achieved -objectives, outcomes, outputs, lessons learned, problems encountered- and areas where the results and findings can be included and/or overcome in subsequent projects .

## 5. CONCLUSIONS

At the end of the Initiation Workshop, consensus was reached on the following:

**5.1** Agreements regarding the subscription of the Interinstitutional Cooperation Agreements (see annexes IV to VII) to support the implementation of the project. The mayors will present the proposed agreements at the Council sessions to be analyzed and approved. The Peasant Communities' representatives will also do this before their respective assemblies.

**5.2** Letters of commitment to support the activities were signed. The signed letters (see annex III) evidence the different actors' commitment to support the project and ensure the agreements are signed before November 30<sup>th</sup>, 2018.

**5.3** The commitment and support from the Vice Minister for the Strategic Development of Natural Resources of the Ministry of the Environment, Dr. Lucía Ruiz Ostoic, has been crucial for the development of the Ayninacuy project. The Vice Minister has also highlighted the project's potential to be replicated in other Peruvian populations with similar highland conditions.

**5.4** Similarly, the Regional Governor's commitment to continue supporting the achievement of the project's objectives has also been important.

**5.5** The project will continue to be shared within each and all partner institutions, in order to increase awareness among staff on the importance of supporting it.



### 6. ANNEXES

#### 6.1. Annex I: Participants

List of participants in the Ayninacuy project initiation workshop



TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Regio de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

#### LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	BIBIANO Bauspe castillano	Municipalidad San Antonio de Chuca	ALCALDE	935504326	municipalidadsanantonio@chuca.gob.pe	
2	URIBE VANDERGO Adolfo	MUNI IYBY	ALCALDE	959084357		
3	Abel cutipa Cáceres	Muni. Sibayo	Alcalde	948462012	abelcumi@hotmail.com	
4	Irene Lucio Alfo Uzcarré	GRA	Asistente	933043430	lij-shirley@hotmail.com	
5	Rogger Olivero C	TUPAC	com. muni.	942460061		
6	Delmy Poma Baula	DESLO	coordinadora	954857131	dpoma@desuloson.org	
7	Dionicio Castro Flores	colaborador	Alcalde	959906413	antonioqu@hotmail.com	
8	Mayer Villano Jitira			92092297		
9	Sonia Noemi Coni		colaboradora			
10	Ronald Alvaro Cermeño	colaborador	colaborador	961784610		



TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Región de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	Kuis Enrique Barreda Uilcapp	M.SCH	Dir. de Electro.	965103372		
2	Angelica Pino Nolas	JDS URBAN	Planificador	957857677	cpino@idsurbam.org	
3	JUAN TOYPE HUACUMANI	M.D.SCH.	AREA PECUARIO	958009566	repss@rehabilita.com	
4	Emeterio Celestino Pichu Cutipa	M.D.S.	Administración	995261300	celestino.pichu@gmail.com	
5	Jairme A Ramos Chupitaype	M.D. CHICHAYMARCA	alcalde	959839402	jaramos@chichaymarca.com	
6	Delfin Flores Velasquez	SMCV	RC	938707248	dfloras.v.@fmi.com	
7	JULIO FERRER ANCO	GRASAPO	SEB COORD	974798983	johoferreras@chh.com	
8	Abelardo Ferralla Oquih	C.R.D.	Consejero	955586852	rafealabdo@quim	
9	Ricardo John Cáceres	M.D. Andagua	Adminis.	974780494	andaguaprogreso@hotmail.com	
10	Mónica Celi Yauli	La República	Periodista	999942585	monica.celi@G11.com	



TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Regio de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	Ricardo Chávez Calderon	MUNICIPALIDAD PROV. AREQUIPA	ASesor ALCALDIA	955862131	macosur.chavez@gmail.com	
2	Santos Luciano Patino Vera	- - -	C.C. Huancayo - presidente	966000029	- -	
3	Angel Calachuco Quispe	Caylloma	Yachaca	951417945	angel.calachuco@telcel.com	
4	Antero Rivera Vigil	Ayminakuy	Supervisor	959745175	rivovigil@gmail.com	
5	Elva Lente de Mansuel	COPASA	Administrador	990629988	elvajamir_260@hotmail.com	
6	Aleli Escalada Torres	G.R.A.	RR. PP	950320926		
7	Jesús Punguaza Sanchez	M.D.A.	Alcalde	974207926	andegapregon@hotmail.com	
8	Rommel Tinto (DNI)	H.P.C.	y	958809398	rommel_b2@hotmail.com	
9	Lionelo Huaccha Condo	Dist. Caylloma	alcalde electo	974411400	lhuaccha@gmail.com	
10	JOHN MACHUCA CEZONA	SEMUR - RUMI	jefe SUP	963213456	machuca@semur.gov.pe	





TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Región de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	José Huerto Lozano	COPASA	Planificador	959385954	manu_gh@huancahuasi.com	[Signature]
2	Walter Espinosa Gama	COPASA	Of. Proy	258484	---	[Signature]
3	DENIS JAVIER ESPINOZA AYMA	MD. PUYCA	ALCALDE ELECTO	955692268	denisju.eraza@hotmail.com	[Signature]
4	Isaac Noa Suyo	MD. SMOYO	Alcalde electo	954136944	isaacnoa03@gmail	[Signature]
5	Derek Gustavo Alexander Torres Castilla	GRA	Asistente	787098986	derekgtc@gmail.com	[Signature]
6	Vicente Mejía Antacabaca	M.D. SALAMARCA	ALCALDE	998022080	vmejia_souza@hotmail.com	[Signature]
7	Timoteo Culechun Guevara	M.P. CAYLLOMA	Regidor	954031114	Timoteo.culechun@gmail.com	[Signature]
8	JUDH JOSE PARRA CASTILLO	M.D. SAN JUAN TAMBOSHI	GERENTE	959039603	JPP2CASTILLO@yahoo.com	[Signature]
9	EUSTABIO V. VALENTIN VALENTIN	M.D. SAN JUAN TAMBOSHI	ALCALDE	95868418	Eustabio.vv@gmail.com	[Signature]
10	MILAGROS SANCHEZ ZAVALA	COPASA	SECRETARIA	947191136	msanchez@copasa.gob.pe	[Signature]



TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Regio de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	Mania Espirita Vargas Puma	M. Distrital de Pampamarca	Regidora	966368688		
2	Lidia Anculle Rojas	Municipalidad Distrital Pampamarca	Dir. DE	989434003	le-marijph@gmail.com	
3	Luis E. Condori Panca	GRAG	Encargado AFEUGD	963691788	luisenriqusc@gmail.com	
4	Carlos Flores Capcha	GRAG	Sife Area Comedidas	959826896	carlitosflores2@hotmail.com	
5	Jorge Meises Herrera Hermoso	Co. Campesino	presiden	30760747		
6	Cecilia GIANELLA	CONDESAN	es. des. loca	955862212	cecilia.gianella@condesan.org	
7	Juan Almeida Cipe	GRABriwira	Gerente	959941306	almeida.gda@gmail.com	
8	Edinson Torres Agostinelli	GRA.	Seguridad	969497745	editoage@gmail.com	
9	Abdol Yanca Pello Tamuni	Municipalidad Orcopampa	Regidor	957417555	ayanca176@hotmail.com	
10	Alexandra Juamani Quintana	Orcopampa	Electo Regidor	4176849	huamaniabris143@gmail.com	



GOBIERNO REGIONAL  
PROYECTO ESPECIAL COPASA

TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Regio de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	Juan de la Cruz Mejías Quispe	Ayninakuy	Gestor	984872804	juanes14@hotmail.com	[Firma]
2	Dionisio Choque Flores	Ayacucho Huroy	Agente Municipal	983836902		[Firma]
3	Libia Fero Espinoza	C.C. Tintaymarca	Secretaria	954653000		[Firma]
4	Arturo Sama Patiño	C.C. Urco pampa	Presidente	957809744		[Firma]
5	Escobedo Quispe Udezo	CC. SP de Tarma	Presidente	978206630	equipeu_30@hotmail.com	[Firma]
6	Laura Viviana Heredia Taya	Municipalidad Distrital Orcopampa	Sub Gerencia de Desarrollo Económico Local	998004267	herediataya@gmail.com	[Firma]
7	Reyna Fero Yanés	M. D. Orcopampa	Regidora	976777620		[Firma]
8	AURELIO VILCA GIRALDO	M. D. Orcopampa	ALCALDE	971100403	aurelio_vg@hotmail.com	[Firma]
9	José Ciro Caceres	ERA ORONOC	deFA	959995667	josce@regunoroc.com	[Firma]
10	Shirley Granda Rosillo	Andaraz	Alcalde	948434263	municipalidad Andaraz @tel.com	[Firma]



TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Región de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	Juvenal Yancapallo Condorcohuani	Municipalidad Chilcaymara	Regidor	998006605	Juvenal.Yancapallo@gmail	
2	Abdon Del Carpio Cruz		Yachachi	958686841	gardenas_142@hotmail.com	
3	Henry Remigio Quijpe Taco	Municipalidad Sudagua	Ornento	974211561	henry196@hotmail.com	
4	Orslink Ampu Velazquez	San Juan de Toruay	Alcalde Electo	986875025	luis22_2020@hotmail	
5	Alfonso Conje Salas	ORG AGUAMPA	COORDINADOR	999549411	aconje@arequipa.org	
6	Jose L. Velazquez Herrera	Municipalidad Prov. La Union	Alcalde electo	959009634	Jose311711@hotmail.com	
7	Sellano Tesada Manrique	COPASA	Ejecutor Proyectos	959807546	selusan60@gmail.com	
8	Josue Ramos	GRA	Fotografo	980511548	josueramos.prensa@gmail.com	
9	Dania Pari Chanbe	GRSA-Salud	Coordinadora	959921838	dusadaniagp@hotmail.com	
10	Giannina Gagliardi Fernandez	UGT Condesuyo	Especialista	993258358	gagliardi.giannina@hcl	



TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Regios de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	Albety Lobos Callelli	EXITOLC	Propietaria	96011212	albety.lalloj	[Signature]
2	Willy Ruben	R.VICTORIA	PRENSA	947537720		[Signature]
3	Juan Cervantes	R YARAU	Propietario	965305148	juan.cervantes.943@hot.mails.com	[Signature]
4	Marciliano Huayta Gonzales	Municipalidad de Callelli	Alcalde	959011399	marhuaytag@comail.com	[Signature]
5	Priska Romero Valladares	CONDESAN	Asistente	954789913	priska.romero@condesan.org	[Signature]
6	Romas Valencia Maria Pia	Diario Noticias	Periodista	946617886	romapiorv@outlook.com	[Signature]
7	Raquel Ramos, Leho	Andayacu	Asesor Legal	9599337232	C.ramilla@hotmail.com	[Signature]
8	Teresa Indillo Alvarado	Docente		958966254	teralvar@hotm.com	[Signature]
9	Rocio Méndez	Periodista	Asesora Andina	965636311	mendezcaribajal@telcel.es	[Signature]
10	Teresa Ibarra Flores	AYNINAKUY	Asista Administrativa	959890277	tefflores@hotmail.com	[Signature]



TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Regios de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	Oscar Flores Vásquez	DISTRITO HUANUCO	ALCALDE ELECTO	950445977		
2	Comilo Chacón Huamani	Alcalde	Electo	942172723		
3	Xayda Caterpore Barrios			932512782		
4	Carlos Cúpe Cáceres	Teniente Alcalde Electo	electo	20284021		
5	Camu mpa Tiza	Piense Cusco	Periodista	456309325		
6	Ponny Valdegrasias Gilco	TU PERU	PRENSA	958335558		
7	Marlethi Medina Suarez	Asp inform	PRENSA	959714285		
8	Shay Dorca	Ucho	PRENSA	929292360		
9	Mildred Rojas Bellido	COPASA	Tec. ADM	958364790		
10	Pasy Cahuamitana	Los Andes	Directora	921415160		





TALLER: PROYECTO AYNINAKUY "Fortalecimiento de los medios de subsistencia y fuentes de ingresos para las comunidades alto andinas vulnerables en las Provincias de Arequipa, Caylloma, Condesuyos, Castilla y La Unión en la Regios de Arequipa, Perú -

FECHA: 15 de Octubre del 2018

LISTA DE ASISTENCIA

N°	NOMBRES Y APELLIDOS	INSTITUCION	CARGO	TELEFONO	CORREO ELECTRONICO	FIRMA
1	Winder Anconiso Meque	MOT		999999118	winder2.2@hotmail.com	
2	Jonathan Bohrana Campio	Diario El Pueblo	Redactor	965385896	jboranaprensa@gmail.com	
3	Hilfonso Chipana Nuñi	M.D. HUAYNA	ALCALDE	985549967	of - o hu	
4	Bosques E. Saury Saury	ARMA-6RA	GERENTE	958989953	bsaury@regionarequipa.gob.pe	
5						
6						
7						
8						
9						
10						



## 6.2. Annex II: Ayninacuy Project Initiation Workshop

### INITIATION WORKSHOP AGENDA

**Date:** Monday, October 15<sup>th</sup>, 2018

**Location:** Pedro Paulet Auditorium, Regional Government of Arequipa  
Av. Kennedy, district of Paucarpata Arequipa

**Moderator:** Alex Delgado

TIME	ACTIVITY	PARTY RESPONSIBLE
8.30am. to 9.00am.	Participants registration	Secretary and Administrative Assistant
<b>SECTION ONE</b>		
9.00 am. to 9.10 am.	Welcome to the workshop. Workshop background and objective	CPA. Bertha Zegarra de Matos Executive Director
9.10 am. to 9.30 am.	Opening speech	Dra. Yamila Osorio Delgado Regional Governor of Arequipa
9.30 am. to 10.00 am.	Presentation on "Nationally determined contributions in adaptation and how they relate to the AYNINACUY project"	Mrs. Lucia Ruiz Ostoic Vice Minister for the Strategic Development of Natural Resources
10.00 am. to 10.15 am.	Introductory remarks	Camilo Rojas CAF Principal Executive
10.15 am. to 10.30 am.	Coffee Break	COPASA and CAF
<b>SECTION TWO</b>		
10.30 am. to 11.30 am.	Presentation of the Ayninacuy Project/ PPT	Attorney Maria Angelica Salinas
11.30 am. to 1200 am.	Agreements	Mayors in the area of intervention
12.00 am. to 1.00 pm.	Press conference	
1.00 pm. to 2.00 pm.	Lunch	COPASA and CAF
<b>SECTION THREE</b>		
2.15 pm. to 4.00 pm.	Setting up the working groups	Project team
4.00 pm. to 4.15 pm.	Coffee Break	COPASA and CAF
4.15 pm. to 4.45 pm.	Summary of workshop	Project team
4.45 pm. to 5 pm	Closing session	GRA representative

### 6.3. Annex III: Agreements and Commitments

Letters of Agreement and Commitments signed by participants of the Ayninacuy Initiation Workshop.

#### LETTER OF AGREEMENTS AND COMMITMENTS

**Presentation of the AYNINAKUY project “Strengthening the livelihoods for vulnerable highland communities in the provinces of Arequipa, Caylloma, Condesuyos, Castilla and La Union in the Arequipa Region, Peru”.**

In the city of Arequipa, at 16:20 on October 15<sup>th</sup>, 2018 gathered at the facilities of the Regional Government of Arequipa, CAF representatives Ms. María Carolina Torres, Mr. Camilo Rojas; from COPASA, CPA Bertha Zegarra de Matos; Soc. Project Director Maria Angélica Salinas and Province Mayors of Caylloma, Condesuyos, Castilla, La Union and representative of the province mayor of Arequipa.



Whereas after the presentation in the Initiation Workshop of the Ayninacuy Project and having learned about the content and characteristics of the project, the undersigned mayors commit to promote and ensure that the framework agreement is signed within a term of 30 days as of today. The objective of the framework agreement is to promote actions in benefit of the most vulnerable population in the Andean highlands.

Attesting to our commitment, we sign this letter

NOMBRES Y APELLIDOS	PROVINCIA/ DISTRITO	CARGO	FIRMA
ROCCARDO FRANCISCO CHÁVEZ CALDERON	PROV. Arequipa	ASESOR DE ALCALDÍA	
Abdol Yancapallo Mamani	DISTRITO Orcopampa	Regidor	
Carlos Manuel Cabezas	Andagua	Regidor Electo	
Ricardo Caceres Q.	Andagua	Administ.	
Jesús Puzquaya Sanchez	Andagua	Alcalde	
Orlino Oquyo Velasquez	San Juan de Torontani	Alcalde Electo	
Francisco Neco Supo	SIBAYO	Alcalde Electo	

NOMBRES Y APELLIDOS	PROVINCIA / DISTRITO	CARGO	FIRMA
<del>Reyna Feriayares</del>	Dist. Orcopampa	Regidor	
Luzia Viviana Heredia Taya	Distrito de Orcopampa	Sub Gerencia de Desarrollo Económico	
Alexander Huamani Quintana.	Distrito Orcopampa	Regidor Electo	
Shero Moises Granda Revilla	Distrito Andahuay. Condoruzos	Alcalde.	
Eduardo Yancopallo Condorcolona	Dist. Chilcoymarca.	Regidor electo	
Juan Felipe Huancasi	San Antonio Chubó	ARSAPECUARIO	
Timoteo Ccalachua Quijpe	M. p. Caylloma	Regidor	

NOMBRES Y APELLIDOS	DISTRITO	COMUNIDAD	CARGO	FIRMA
Artemio Sana Fatino	Orcopampa	Orcopampa	Presidente	<i>[Signature]</i>
Jorge M. Herrera Hescor	Chiquibamb	Chojamitayac	presidente	<i>[Signature]</i>
Libia M. Feria Espinosa	Orcopampa	Tintaymarca	Secretaria	<i>[Signature]</i>
Ronicio Choque Flores	S.J. Tarma	c.c. Huayllacocha	Agente Municipal	<i>[Signature]</i>
Lina Anulle Rojas	M.D. Pampamarca	c.c. Panpanara	Comunera	<i>[Signature]</i>
María Espirita Vargas Puma	M.D. Pampamarca	Pampamarca	Regidora	<i>[Signature]</i>
Mestas Desamparada la Cruz	Cobchucsi	Cobchucsi	1.º Gasto	<i>[Signature]</i>

NOMBRES Y APELLIDOS	PROVINCIA	COMUNIDAD	CARGO	FIRMA
Escobar José Velero	Arequipa	Cc. S. S. Parroquia	Presidente	
Angel Calochua Quise	Cuzco			

NOMBRES Y APELLIDOS	INSTITUCIÓN	CARGO	FIRMA
Daria Pori Chambi	GERESA-SALUD	Dirca Promoc. de la Salud.	
Gianina Gagliardi Fernández	UGET CAUBESUYOS	ESPECIALISTA	
Luis E. Gaudari Panca	GRAC	Responsable AFENGERD	
Alejandro Rojas Soler	AGUALIMIA	LÍDER INGENIERIA	
Carlos Flores Capcha	GRAG.	Jefe Area Camineros	
Shon Hódrea Centy	Sernamp	Jefe RNCA B	
Benigno Schwarz Sanz	ARMA	Gerente	

## 6.4. Annex IV: Institutional Agreement

Proposal for a Model Institutional Agreement

### MODEL AGREEMENT

#### AGREEMENT Nº 2018-GRA/PE. COPASA

FRAMEWORK AGREEMENT ON INTERINSTITUTIONAL COOPERATION BETWEEN ..... (Name of institution proposed for the agreement) ..... AND THE REGIONAL GOVERNMENT OF AREQUIPA AND THE S.P. COOPERATION FOR THE SUSTAINABLE DEVELOPMENT PROCESS -COPASA

#### TO SUPPORT THE AYNINACUY PROJECT

#### INTRODUCTION

This document sets forth the **FRAMEWORK AGREEMENT**, which is entered into on the one hand by Name of institution proposed for the agreement, with legal domicile in ....., Arequipa, hereinafter ....., duly represented by its Regional Director .....bearing identity document ..... and on the other hand, S.P **COOPERATION FOR THE SUSTAINABLE DEVELOPMENT PROCESS – COPASA**, duly represented by its Executive Director Mrs. CPA. Bertha Zegarra de Matos, bearing identity document Nº 29231378, registered in Urbanización La Marina, D-21, Cayma District, Arequipa Region, hereinafter **COPASA**, under the following terms:

#### CLAUSE ONE.- THE PARTIES

COOPERATION FOR THE SUSTAINABLE DEVELOPMENT PROCESS OF AREQUIPA – COPASA:

It is a Special Project from the Regional Government of Arequipa, which acts as a counterpart for international and national cooperation agreements and implements programs, projects and activities located primarily in the Andean highlands of the Region, carries out various activities to support local development in the Province of Arequipa, providing technical and institutional assistance to strengthen Local, Provincial and District Governments, Educational Institutions, Community Organizations, Women's Organizations and Producer Organizations.

#### INSTITUTION PARTY TO THE AGREEMENT:

.....

#### CLAUSE TWO.- LEGAL BASE

Supreme Decree Nº 002-97-PRES (Special Project "COPASA" is created)

Regional Ordinance Nº 090-Arequipa (The Operations Manual of the "COPASA" Project is approved)

Organic Law of the National Meteorology and Hydrology Service of Peru

Law Nº 27444 , General Administrative Procedure Law

Agreement Nº 073-2015 GRA/GR, Cooperation Framework Agreement between the National Meteorology and Hydrology Service of Peru, and the Arequipa Region – S.P. COPASA

Other relevant National Legislation

#### CLAUSE THREE.- OBJECTIVE OF THE AGREEMENT

By means of this agreement, both entities commit to collaborate in order to contribute to strengthening regional, provincial, district and community development, by setting mechanisms for interinstitutional cooperation between themselves and holding joint training sessions in selected peasant communities, to address issues related to....., in accordance with previous institutional arrangements.

#### CLAUSE FOUR.- SPECIFIC AGREEMENTS

This Framework Agreement shall be considered as the basic document for any Specific Agreement to be subscribed to in the future, which will require detailed information on the parties' corresponding objectives and commitments.

**CLAUSE FIVE.- TERM OF THE AGREEMENT**

This agreement goes into effect when it is signed by the parties and its term will have a validity of ..... years. Any of the parties may request the renewal or termination of the Agreement after providing justification, by giving the other party written notice of this decision, with at least 30 days of notice.

**CLAUSE SIX.- COORDINATION**

The following are the roles of the institutional representatives who sign this agreement:

Plan and coordinate the activities that originate upon signing this agreement.

Coordinate with other institutions that given their nature, hold environmental information necessary for implementing this agreement.

Act as interlocutors of each of the parties in activities and/or events.

Perform evaluation and monitoring activities to comply with this agreement.

**CLAUSE SEVEN.- EVALUATING THE AGREEMENT**

In order to evaluate compliance with the objectives of this agreement, the ..... and GRA-COPASA, agree to carry out joint evaluations of an annual basis or as warranted, with the objective to adopt any pertinent measures required.

**CLAUSE EIGHT.- RELATIONSHIP BETWEEN THE PARTIES**

The parties agree that signing this agreement will not generate any relationship or employment relationship between the parties that could result in employment benefits or impose taxes of any kind.

**CLAUSE NINE.- FUNDING**

There will be no financial obligations between the parties on the occasion of the subscription of this Agreement

**CLAUSE TEN.- MODIFICATIONS AND EXTENSIONS**

By mutual agreement, the parties may modify/extend the terms of this agreement by signing a respective addendum, according to the results of previous evaluations.

**CLAUSE ELEVEN.- TERMINATION OF THE AGREEMENT**

After providing justification, any of the parties may request termination of the Agreement, by providing written notice to the other party, with at least 30 calendar days' notice, without prejudice to compliance with the implementation actions previously agreed.

The following are considered grounds for termination:

Non-compliance with the commitments assumed by any of the Parties.

Fortuitous or force majeure events, which should be duly proven.

Action or omission that is a violation of the terms contained in the clauses of this Agreement.

**CLAUSE TWELVE.- DISPUTE SETTLEMENT**

The parties agree that conciliation or direct settlement will be used as dispute resolution mechanisms regarding the execution, interpretation and/or scope of this agreement, considering that arrangements herein are based on the principle of good faith and common intention.

**CLAUSE THIRTEEN.- DOMICILE OF THE PARTIES AND NOTIFICATIONS**



For these purposes, the parties to the agreement declare that their legal domiciles are listed in the introductory section of this agreement, and in the event of a change in a domicile, the parties agree to provide written notice to the other party, within fifteen (15) days after said event takes place.

After having read and declaring themselves satisfied with the contents of the previous clauses, the parties sign this Agreement, in four identical copies, in the city of Arequipa, on ..... , two thousand eighteen.

---

**Institutional Representative**

---

**CPA: Bertha Zegarra de Matos**  
**Executive Director**  
**P.E. COPASA**

W/Copy  
CAF  
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MINAM

## 6.5. Annex V: Province Agreement

Proposal for a Model Institutional Agreement with Provincial Local Governments

**INTERINSTITUTIONAL COOPERATION AGREEMENT BETWEEN THE PROVINCE MUNICIPALITY OF  
..... THE REGIONAL GOVERNMENT OF AREQUIPA AND THE S.P. COOPERATION FOR THE  
SUSTAINABLE DEVELOPMENT PROCESS -COPASA  
TO SUPPORT THE AYNINACUY PROJECT**

This document sets forth the Interinstitutional Cooperation Agreement, which is entered into on the one hand, by the **PROVINCIAL MUNICIPALITY OF .....**, located in the region of Arequipa, represented by the province Mayor, Mr. ...., bearing identity document number ....., with domicile in the capital of the province of .....Plaza mayor S/N, hereinafter **THE MUNICIPALITY**, and on the other hand the **REGIONAL GOVERNMENT OF AREQUIPA**, represented by the regional governor of Arequipa, Attorney Yamila Osorio Delgado, bearing identity document number 43601160, with domicile in Av. Kennedy S/N Paucarpata, Arequipa and **S.P COOPERATION FOR THE PROCESS OF SUSTAINABLE DEVELOPMENT-COPASA**, duly represented by its Executive Director Mrs. CPA. Bertha Zegarra de Matos, bearing identity document N° 29231378, with domicile in Urbanización La Marina, D-21, Cayma District, Arequipa Region, hereinafter **COPASA**, under the following terms:

### **FIRST: BACKGROUND**

#### **PARTICIPATING INSTITUTIONS:**

#### **COOPERATION FOR THE PROCESS OF SUSTAINABLE DEVELOPMENT OF AREQUIPA-COPASA:**

It is a Special Project from the Regional Government of Arequipa, which acts as a counterpart for international and national cooperation agreements and implements programs, projects and activities located primarily in the Andean highlands of the Region, carries out various activities to support local development in the Province of ....., ..... District, providing technical and institutional assistance to strengthen Local, Provincial and District Governments, Educational Institutions, Community Organizations, Women's Organizations and Producer Organizations.

#### **THE PROVINCIAL MUNICIPALITY OF .....**

According to the provisions of Article 194 of the Political Constitution of Peru, and the Organic Law of Municipalities, it is a local government body with political, economic and administrative autonomy in matters falling within its competence, with the purpose of representing the neighborhood, promoting the adequate provision of local utilities, implementing projects and agreements for the comprehensive, sustainable and harmonious development of its constituency. Likewise, the Municipality is the governing body that promotes local development, enjoys legal status under public law and has the full capacity to fulfill its purposes.

Within the framework of the Organic Law of Municipalities, LAW No. 27972, article I.- Local governments are basic entities of the State's territorial organization and are immediate channels for local participation in public affairs, which autonomously institutionalize and manage the interests of the corresponding communities; territory, population and organization are essential elements of the local government. The provincial and district municipalities are the governing bodies that promote local development, enjoy legal status under public law and have the full capacity to fulfill their purposes.

**Article X.-** on the Organic Law of Municipalities: Promotion of Comprehensive Development. Local governments promote comprehensive development, to enable economic growth, social justice and environmental sustainability. Local development is promoted on a permanent basis and with a

comprehensive approach. The provincial and district municipalities promote local development, in coordination and association with regional and national government levels, in order to facilitate local competitiveness and promote the best living conditions for their population.

## **SECOND: LEGAL BASIS**

### **OF COPASA**

Organic Law of Regional Governments N ° 27867.

Basic Law on Decentralization.

Supreme Decree No. 002-97-PRES dated January 30, 1997, which creates the COPASA Special Project.

AYNINACUY project, detailing institutional relations and responsibilities between the Regional Government, the SP COPASA, the Regional Government Directorates, public and private institutions in the project area and the beneficiary peasant communities.

### **OF THE MUNICIPALITY.**

Art. 194 of the Political Constitution of Peru

Law 27972, Organic Law of Municipalities

Supreme Decree N ° 015-92-PCM, Regulation of Legislative Decree N ° 719, whereby Article 1 .- states that this Regulation applies to public bodies and private organizations that manage International Technical Cooperation through the State, to use it to support and supplement development plans, programs, projects or specific activities, according to the legal norms in force.

## **THIRD: OBJECTIVE OF THE AYNINACUY PROJECT.**

Reduce the vulnerability of the highland Andean communities in the provinces of Arequipa, Caylloma, Castilla, La Union and Condesuyos, by developing a comprehensive climate change adaptation strategy to strengthen alpaca breeding for the production of fiber, which is these communities' main livelihood.

## **FOURTH: ACTIVITIES AND COMMITMENTS**

### **4.1. FROM THE AREQUIPA REGIONAL GOVERNMENT'S COPASA:**

COPASA will act as the Technical Implementing Entity of the AYNINACUY project: "Strengthening the livelihoods and income sources for vulnerable highland Andean communities in the provinces of Arequipa, Caylloma, Condesuyos, Castilla and La Unión in the Arequipa Region, Peru", whose funding was processed through CAF (which acts as the Implementing Entity) before the United Nations Adaptation Fund. COPASA will act through working meetings held with the representatives of the Provincial Municipality, the District Municipalities and representatives of the Peasant Communities; they will select 02 communities located within their jurisdiction as pilot centers, where the experience will be developed, and where actors will comply with the minimum requirements set by the project. For this, the following activities have been prioritized:

Hold information and motivation workshops regarding the activities to be developed by the Project.

Hold workshops for the organization and operation of the Civil Defense Community Platforms.

Develop activities such as field days, including practical application of proper animal health and management techniques, using pedagogical didactic materials developed exclusively for this process, to promote ownership of the required skills and techniques.

Support the process to select peasants who will benefit from the project. This will be done through the household targeting system (SISFHO) the community census and the proposal and will include the directors' approval and commitment and the conformity of the community assembly.

At a pilot and demonstration level, 02 peasant homes belonging to selected beneficiaries will be improved by installing domestic water purification equipment and biodigesters for handling excreta (sanitary services) in order to reduce the incidence of infectious contagious diseases; family kitchens will be improved through the installation of improved stoves; peasants' homes will be adapted by including Trombe walls, and lastly, by installing photovoltaic panels to improve the quality of life of peasant families.

Contribute to the recovery of high-altitude wetlands, by carrying out cleaning campaigns in their areas, replanting local red clover and white clover, cleaning and recovering channels to improve their water supply, and provide training on how to use them.

Install 02 livestock fences to regulate camelids' grazing, promoting stronger resilience of the recovered natural grasslands area and contributing to halt soil deterioration and associated desertification processes resulting from overgrazing.

Promote seeding of forage cereals and teach appropriate storage techniques that can be used in times of scarcity.

Promote irrigation technification to optimize water use, in order to increase the availability of grazing areas. This will be done through the implementation of 02 pressurized irrigation systems per selected community.

Improve the physical condition of the shelters, at modular and demonstrative level, to protect camelids from the effects of frost.

Contribute to increase water supply through the improvement of rustic water mirrors and maintenance of improved rustic channels, at the level of pilot experiences.

Develop animal health preventive campaigns to protect camelids from the effects of atypical frosts caused by climate change.

Implement 36 basic early warning systems in the educational institutions of the selected communities, to help the community learn about climate trends in their locality and take the respective preventive measures.

Develop alternatives for feeding the camelids, such as the installation or planting of cold-resistant species such as cultivated pastures.

Prepare the communities' situation diagnosis and risk analysis, with the prioritized communities' active participation, for the preparation of the Prevention and Response Plan, with emphasis on risk management and adaptation to climate change.

Improve the capacities of the District Civil Defense Platform, in the districts prioritized by the project, and contribute to the creation of Community Civil Defense Platforms, in areas prioritized by the project.

Provide new manual tools necessary for carrying out pilot activities. The Civil Defense Community Platforms will gain ownership of these tools after the activity has been completed.

Provide advice on the development of municipal management tools.

#### **4.2. FROM THE MUNICIPALITY**

Participate in the selection of the communities to be intervened in the selected districts of its province, to be carried out by the project's technical team.

Coordinate and reach an agreement with the representatives of the district local governments under its jurisdiction, regarding the process to select the project's direct beneficiaries in each prioritized community, considering the beneficiary peasant families' poverty conditions, prioritizing women-headed families and considering technical aspects required to implement the demonstration modules.

Jointly with the municipality's technical staff, actively support the implementation, monitoring and oversight of the project, applying the necessary control measures in coordination with the representatives of the AYNINACUY team.

Actively engage in the development and execution of the project and incorporate these activities in its participatory budget in order to replicate it in other localities under its jurisdiction.

Facilitate coordination with different Municipality Directorates to carry out activities to optimize the municipality's management documents (strategic plans, damage assessments and needs analysis, drills, etc.).

Facilitate and support the invitations made by communal authorities and leaders of the Communal Civil Defense Platforms.

Facilitate and support the promotion, dissemination and communication of the activities carried out by the Project under its jurisdiction.

Once the project is finalized, verify the status and location of the tools that will be left in each municipality's warehouses and which the project will hand over to the Civil Defense community platforms.

**FIFTH: THE AGREEMENTS**

**THE PROVINCIAL MUNICIPALITY OF ..... THE REGIONAL GOVERNMENT OF AREQUIPA AND COPASA**, agree to subscribe this agreement whereby the AYNINACUY project will contribute to the strengthened development of the organizational capacities of women and men belonging to beneficiary peasant communities, educational communities located in the province of ..... in terms of prevention, mitigation and response regarding their vulnerabilities and the protection of their livelihoods.

**SIXTH: TERM**

This agreement goes into effect when it is signed and will be valid until February 21, 2021, in mutual agreement between the parties.

If necessary, the parties may extend the term of this agreement by signing a simple addendum.

Any of the parties is granted the right to waive the Agreement, without stating the reason, by writing a notarized letter to the other party, with 30 days' notice. Otherwise, the programs in execution will continue until they are completed.

As the parties mutually agree on each and all of the above clauses, they proceed to sign this Agreement, in four identical copies, in the province of..... , on ..... , two thousand eighteen.

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**Attorney. Yamila Osorio Delgado  
Regional Governor  
Regional Government of Arequipa**

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**PROVINCE Mayor**

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**CPA: Bertha Zegarra de Matos  
Executive Director  
S.P. COPASA**

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## 6.6. Anexo VI: District Agreement

Proposal for a Model Institutional Agreement with District Local Governments

### **INTERINSTITUTIONAL COOPERATION AGREEMENT BETWEEN THE DISTRICT MUNICIPALITY OF ..... THE REGIONAL GOVERNMENT OF AREQUIPA AND THE S.P. COOPERATION FOR THE SUSTAINABLE DEVELOPMENT PROCESS -COPASA**

#### **TO SUPPORT THE AYNINACUY PROJECT**

This document sets forth the Interinstitutional Cooperation Agreement, which is entered into on the one hand by the **DISTRICT MUNICIPALITY OF .....**, located in the district of ....., province of ....., represented by the District Mayor, Mr. ...., bearing identity document number ....., with domicile in the district, hereinafter **THE DISTRICT MUNICIPALITY**, and on the other hand the **REGIONAL GOVERNMENT OF AREQUIPA**, represented by the regional governor of Arequipa, Attorney Yamila Osorio Delgado, bearing identity document number 43601160, with domicile in Av. Kennedy S/N Paucarpata, Arequipa and **S.P COOPERATION FOR THE PROCESS OF SUSTAINABLE DEVELOPMENT-COPASA**, duly represented by its Executive Director Mrs. CPA. Bertha Zegarra de Matos, bearing identity document N° 29231378, with domicile in Urbanización La Marina, D-21, Cayma District, Arequipa Region, hereinafter **COPASA**, under the following terms:

#### **FIRST: BACKGROUND**

##### **PARTICIPATING INSTITUTIONS:**

##### **COOPERATION FOR THE PROCESS OF SUSTAINABLE DEVELOPMENT OF AREQUIPA-COPASA:**

It is a Special Project from the Regional Government of Arequipa, which acts as a counterpart for international and national cooperation agreements and implements programs, projects and activities located primarily in the Andean highlands of the Region, carries out various activities to support local development in the Province of Arequipa, providing technical and institutional assistance to strengthen Local, Provincial and District Governments, Educational Institutions, Community Organizations, Women's Organizations and Producer Organizations.

##### **THE DISTRICT MUNICIPALITY OF .....**

According to the provisions of Article 194 of the Political Constitution of Peru, and the Organic Law of Municipalities, it is a local government body with political, economic and administrative autonomy in matters falling within its competence, with the purpose of representing the neighborhood, promoting the adequate provision of local utilities, implementing projects and agreements for the comprehensive, sustainable and harmonious development of its constituency. Likewise, the Municipality is the governing body that promotes local development, enjoys legal status under public law and has the full capacity to fulfill its purposes.

In this framework, COPASA will develop the project **"AYNINACUY: Strengthening the livelihoods and income sources for vulnerable highland Andean communities in the provinces of Arequipa, Caylloma, Condesuyos, Castilla and La Unión in the Arequipa Region, Peru"**.

#### **SECOND: LEGAL BASIS**

##### **COPASA**

Organic Law of Regional Governments N° 27867.

Basic Law on Decentralization.

Supreme Decree No. 002-97-PRES dated January 30, 1997, which creates the COPASA Special Project.

AYNINACUY project, detailing institutional relations and responsibilities between the Regional Government, the SP COPASA, the Regional Government Directorates, public and private institutions in the project area and the beneficiary peasant communities.

#### **THE MUNICIPALITY.**

Art. 194 of the Political Constitution of Peru

Law 27972, Organic Law of Municipalities

Supreme Decree N ° 015-92-PCM, Regulation of Legislative Decree N ° 719.

#### **THIRD: OBJECTIVE OF THE AYNINACUY PROJECT.**

Reduce the vulnerability of the highland Andean communities in the provinces of Arequipa, Caylloma, Castilla, La Union and Condesuyos, by developing a comprehensive climate change adaptation strategy to strengthen alpaca breeding for the production of fiber, which is these communities' main livelihood.

#### **FOURTH: ACTIVITIES AND COMMITMENTS**

##### **4.1. FROM THE REGIONAL GOVERNMENT OF AREQUIPA'S SPECIAL PROJECT COPASA:**

At the level of local authorities, capacity building activities on risks associated with economic losses caused by climate change will be developed through the **AYNINACUY** Project, whose funding was processed through CAF (which acts as the Implementing Entity) before the United Nations Adaptation Fund whose financing was processed through **CAF** (which has the role of Implementing Entity) before the United Nations Adaptation Fund. Therefore, in our capacity as the technical implementing agency, we commit to:

Hold information and motivation workshops regarding the activities to be developed by the Project.

Hold workshops for the organization and operation of the Civil Defense Community Platforms.

Develop activities such as field days, including practical application of proper animal health and management techniques, using pedagogical didactic materials developed exclusively for this process, to promote ownership of the required skills and techniques.

Support the process to select peasants who will benefit from the project. This will be done through the household targeting system (SISFHO) the community census and the proposal and will include the directors' approval and commitment and the conformity of the community assembly.

At a pilot and demonstration level, peasant homes belonging to selected beneficiaries will be improved by installing domestic water purification equipment and biodigesters for handling excreta (sanitary services) in order to reduce the incidence of infectious contagious diseases; family kitchens will be improved through the installation of improved stoves; peasants' homes will be adapted by including Trombe walls, and lastly, by installing photovoltaic panels to improve the quality of life of peasant families.

Contribute to the recovery of high-altitude wetlands, by carrying out cleaning campaigns of their areas, replanting local red clover and white clover, cleaning and recovering channels to improve their water supply, and provide training on how to use them.

Install livestock fences to regulate camelids' grazing, promoting stronger resilience of the recovered natural grasslands area and contributing to halt soil deterioration and associated desertification processes resulting from overgrazing.

Promote seeding of forage cereals and teach appropriate storage techniques that can be used in times of scarcity.



Promote irrigation technification to optimize water use, in order to increase the availability of grazing areas. This will be done through the implementation of 02 pressurized irrigation systems per selected community.

Improve the physical condition of the shelters, at modular and demonstrative level, to protect camelids from the effects of frost.

Contribute to increase water supply through the improvement of rustic water mirrors and maintenance of improved rustic channels, at the level of pilot experiences.

Develop animal health preventive campaigns to protect camelids from the effects of atypical frosts caused by climate change.

Implement basic early warning systems in the educational institutions of the selected communities, to help the community learn about climate trends in their locality and take the respective preventive measures.

Develop alternatives for feeding the camelids, such as the installation or planting of cold-resistant species such as cultivated pastures.

Prepare the communities' situation diagnosis and risk analysis, with the prioritized communities' active participation, for the preparation of the Prevention and Response Plan, with emphasis on risk management and adaptation to climate change.

Improve the capacities of the District Civil Defense Platform, in the districts prioritized by the project, and contribute to the creation of Community Civil Defense Platforms, in areas prioritized by the project.

Provide new manual tools necessary for carrying out pilot activities. The Civil Defense Community Platforms will gain ownership of these tools after the activity has been completed.

Provide advice on the development of municipal management tools.

**GOALS**

The AYNINACUY project team, through working meetings held with the municipal representatives, has selected the peasant communities, Population Centers or Annexes of ..... as pilot modules, where the experience will be carried out. For this, the following activities have been prioritized:

**CHART OF PLANNED PILOT ACTIVITIES**

ACTIVITY	AMOUNT FORESEEN FOR THE DISTRICT	M.U
Adaptation of shelters for alpacas	15	Shelters
Dosage of animals against contagious infectious diseases and application of restorative substances.	556	Animals
Installation of pasture protection fences, of 01 ha. each	4	Fences
Installation of forage cereals	50	Ha
Installation of clovers for the improvement of pastures.	4	Ha
Installation of cultivated pastures.	4	Ha

Improved high-altitude wetlands (cleaning and maintenance).	2	high-altitude wetlands
Recovery of rustic water mirrors.	2	Water mirrors
Traditional channels restored.	556	Mt.
Installation of pressurized irrigation systems.	4	System
Improvement of rural housing, through: Installation of a domestic safe water system. Installation of sanitary services with biodigesters. Installation of solar panels to provide electrical energy (use of 3 domestic bulbs) Installation of Trombe Wall. Replacing rustic stoves for improved stoves.	4	Houses
Installation of Early Warning Systems basic modules in educational institutions in their Community.	2	Modules
Field Days (Training events)	To share adaptation techniques according to activity schedule	

Materials that cannot be found in the area and are required to develop these pilot activities, will be fully provided by the PROJECT, in the amounts and locations previously agreed and will be delivered to the beneficiaries according to the provisions of the technical files.

The materials available in the area will be provided by the beneficiaries, at no cost to the project.

#### 4.2. FROM THE MUNICIPALITY

Provide a **STORAGE FACILITY/SECURE WAREHOUSE WITH PERMANENT SURVEILLANCE**, in order to store the supplies that will be used in the development of the Project, which will be delivered by means of minutes and under the responsibility of the Local Authority. The materials requested must be authorized by means of a document signed by the Field Supervisor of the project, for the implementation of each activity after coordinating the process.

Provide support to mobility in the Municipality to transport supplies to project sites, in coordination with the beneficiaries.

Coordinate with the community representatives in the area and its characteristics for the selection of the project's direct beneficiaries.

Jointly with its institution's technical staff, actively support the implementation, monitoring and oversight of the project, in coordination with the representatives of the AYNINACUY team.

Actively engage in the development and execution of the project and incorporate these activities in its participatory budget in order to replicate it in other localities under its jurisdiction.

Facilitate coordination with different Municipality Directorates to carry out activities to optimize the municipality's management documents (strategic plans, damage assessments and needs analysis, drills, etc.)

Facilitate and support the invitations made by communal authorities and leaders of the Communal Civil Defense Platforms.

Facilitate and support the promotion, dissemination and communication of the activities carried out by the Project under its jurisdiction.

Once the project is finalized, verify the status and location of the tools that will be left in each municipality's warehouses and which the project will hand over to the Civil Defense community platforms.

Other actions required by the project and that are within the competence and subsequent approval by the Municipal Council.

#### **FIFTH: THE AGREEMENTS**

**THE DISTRICT MUNICIPALITY OF ..... THE REGIONAL GOVERNMENT OF AREQUIPA AND S.P. COPASA**, agree to subscribe this agreement which will contribute to the strengthened development of the organizational capacities of women and men belonging to beneficiary peasant communities, educational communities and community authorities, regarding the prevention, mitigation and proposal for managing their vulnerabilities and the protection of their livelihoods.

#### **SIXTH: TERM**

This agreement will be valid until February 21, 2021, in mutual agreement between the parties.

If necessary, the parties may extend the term of this agreement by signing a simple addendum.

Any of the parties is granted the right to waive the Agreement, without stating the reason, by writing a notarized letter to the other party, with 30 days' notice. Otherwise, the programs in execution will continue until they are completed.

As the parties mutually agree on each and all of the above clauses, they proceed to sign this Agreement, in four identical copies, in the province of....., on ..... , two thousand eighteen.

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**Attorney. Yamila Osorio Delgado**  
**Regional Governor**  
**Regional Government of Arequipa**

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**District Mayor**

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**CPA: Bertha Zegarra de Matos**  
**Executive Director**  
**S.P. COPASA**

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**MINAM**

## 6.7. Annex VII: Communal Agreement

Proposal for a Model Institutional Agreement with Peasant Communities

### **INTERINSTITUTIONAL COOPERATION AGREEMENT BETWEEN THE PEASANT COMMUNITY OF ..... THE REGIONAL GOVERNMENT OF AREQUIPA AND THE S.P. COOPERATION FOR THE SUSTAINABLE DEVELOPMENT PROCESS -COPASA**

#### **TO SUPPORT THE AYNINACUY PROJECT**

This document sets forth the Interinstitutional Cooperation Agreement, which is entered into on the one hand by the **PEASANT COMMUNITY OF**....., located in the district of ....., province of ....., represented by the President of the Peasant Community, Mr. ...., bearing identity document number ....., with domicile in ....., hereinafter **THE PEASANT COMMUNITY of** ....., and on the other hand the **REGIONAL GOVERNMENT OF AREQUIPA**, represented by the regional governor of Arequipa, Attorney Yamila Osorio Delgado, bearing identity document number 43601160, with domicile in Av. Kennedy S/N Paucarpata, Arequipa and **S.P COOPERATION FOR THE PROCESS OF SUSTAINABLE DEVELOPMENT-COPASA**, duly represented by its Executive Director Mrs. CPA. Bertha Zegarra de Matos, bearing identity document N° 29231378, with domicile in Urbanización La Marina, D-21, Cayma District, Arequipa Region, hereinafter **COPASA**, under the following terms:

#### **FIRST: BACKGROUND**

##### **PARTICIPATING INSTITUTIONS:**

##### **COOPERATION FOR THE PROCESS OF SUSTAINABLE DEVELOPMENT OF AREQUIPA-COPASA:**

It is a Special Project from the Regional Government of Arequipa, which acts as a counterpart for international and national cooperation agreements and implements programs, projects and activities located primarily in the Andean highlands of the Region, carries out various activities to support local development in the Province of Arequipa, providing technical and institutional assistance to strengthen Local, Provincial and District Governments, Educational Institutions, Community Organizations, Women's Organizations and Producer Organizations.

##### **THE PEASANT COMMUNITY OF .....**

It is a social organization with legal status, consisting of families that live and develop in a certain territory, linked by kinship, ancestral, social, economic and cultural links, expressed in the communal property of the land, communal work, mutual assistance, the democratic government and the development of multisectoral activities, which are aimed at common welfare and the full realization of its members and the community.

In this framework, COPASA will be the Technical Implementing Entity of the project **“AYNINACUY: Strengthening the livelihoods and income sources for vulnerable highland Andean communities in the provinces of Arequipa, Caylloma, Condesuyos, Castilla and La Unión in the Arequipa Region, Peru”**.

#### **SECOND: LEGAL BASIS**

##### **COPASA**

Organic Law of Regional Governments N ° 27867.

Basic Law on Decentralization.

Supreme Decree No. 002-97-PRES dated January 30, 1997, which creates the COPASA Special Project.

AYNINACUY project, detailing institutional relations and responsibilities between the Regional Government, the SP COPASA, the Regional Government Directorates, public and private institutions in the project area and the beneficiary peasant communities.

### **THE PEASANT COMMUNITY**

Political Constitution of Peru

Law 24656, General Law of Peasant Communities.

### **THIRD: OBJECTIVE OF THE AYNINACUY PROJECT.**

Reduce the vulnerability of the highland Andean communities in the provinces of Arequipa, Caylloma, Castilla, La Union and Condesuyos, by developing a comprehensive climate change adaptation strategy to strengthen alpaca breeding for the production of fiber, which is these communities' main livelihood.

### **FOURTH: ACTIVITIES AND COMMITMENTS**

#### **4.1. FROM THE REGIONAL GOVERNMENT OF AREQUIPA'S SPECIAL PROJECT COPASA:**

At the community level, capacity building activities on risks associated with economic losses caused by climate change will be developed through the **AYNINACUY** Project, whose funding was processed through CAF (which acts as the Implementing Entity) before the United Nations Adaptation Fund whose financing was processed through **CAF** (which has the role of Implementing Entity) before the United Nations Adaptation Fund. Therefore, we commit to:

Carry out the technical implementation of the Project, through the technical team

Hold workshops for the organization and operation of the Civil Defense Community Platforms.

Develop activities such as field days, including practical application of proper animal health and management techniques, using pedagogical didactic materials developed exclusively for this process, to promote ownership of the required skills and techniques.

Support the process to select peasants who will benefit from the project. This will be done through the household targeting system (SISFHO) the community census and the proposal and will include the directors' approval and commitment and the conformity of the community assembly.

At a pilot and demonstration level, peasant homes belonging to selected beneficiaries will be improved by installing domestic water purification equipment and biodigesters for handling excreta (sanitary services) in order to reduce the incidence of infectious contagious diseases; family kitchens will be improved through the installation of improved stoves; peasants' homes will be adapted by including Trombe walls, and lastly, by installing photovoltaic panels to improve the quality of life of peasant families.

Contribute to the recovery of high-altitude wetlands, by carrying out cleaning campaigns of their areas, replanting local red clover and white clover, cleaning and recovering channels to improve their water supply, and provide training on how to use them.

Install livestock fences to regulate camelids' grazing, promoting stronger resilience of the recovered natural grasslands area and contributing to halt soil deterioration and associated desertification processes resulting from overgrazing.

Promote seeding of forage cereals and teach appropriate storage techniques that can be used in times of scarcity.

Promote irrigation technification to optimize water use, in order to increase the availability of grazing areas. This will be done through the implementation of pressurized irrigation systems.

Improve the physical condition of the shelters, at modular and demonstrative level, to protect camelids from the effects of frost.

Contribute to increase water supply through the improvement of rustic water mirrors and maintenance of improved rustic channels, at the level of pilot experiences.

Develop animal health preventive campaigns to protect camelids from the effects of atypical frosts caused by climate change.

Implement basic early warning systems in the educational institutions of the selected communities, to help the community learn about climate trends in their locality and take the respective preventive measures.

Develop alternatives for feeding the camelids, such as the installation or planting of cold-resistant species such as cultivated pastures.

Prepare the communities' situation diagnosis and risk analysis, with the prioritized communities' active participation, for the preparation of the Prevention and Response Plan, with emphasis on risk management and adaptation to climate change.

Improve the capacities of the District Civil Defense Platform, in the districts prioritized by the project, and contribute to the creation of Community Civil Defense Platforms, in areas prioritized by the project.

Provide new manual tools necessary for carrying out pilot activities. The Civil Defense Community Platforms will gain ownership of these tools after the activity has been completed.

Provide advice on the development of municipal management tools.

#### GOALS

The AYNINACUY project team, through working meetings held with the municipal representatives, has selected the peasant communities of ..... as pilot modules, where the experience will be carried out. For this, the following activities have been prioritized:

**TABLE OF PILOT ACTIVITIES PLANNED:**

ACTIVITY	AMOUNT FORESEEN FOR THE COMMUNITY	M.U
Adaptation of shelters for alpacas	7	Shelters
Dosage of animals against contagious infectious diseases and application of restorative substances.	278	Animals
Installation of pasture protection fences, of 01 ha. each	2	Fences
Installation of forage cereals	25	Ha
Installation of clovers for the improvement of pastures.	2	Ha
Installation of cultivated pastures.	2	Ha
Improved high-altitude wetlands (cleaning and maintenance).	2	high-altitude wetlands
Recovery of rustic water mirrors.	1	Water mirrors

Traditional channels restored.	278	Mt.
Installation of pressurized irrigation systems.	2	System
Improvement of rural housing, through: Installation of a domestic safe water system. Installation of sanitary services with biodigesters. Installation of solar panels to provide electrical energy (use of 3 domestic bulbs) Installation of Trombe Wall. Replacing rustic stoves for improved stoves.	2	Houses
Installation of Early Warning Systems basic modules in educational institutions in their Community.	1	Modules
Field Days (Training events)	To share adaptation techniques according to activity schedule	

Materials that cannot be found in the area and required to develop these pilot activities, will be fully provided by the PROJECT, in the amounts and locations previously agreed and will be delivered to the beneficiaries according to the provisions of the technical files.

The materials available in the area will be provided by the beneficiaries, at no cost to the project.

#### 4.2. FROM THE PEASANT COMMUNITY

Actively engage in the development and execution of the project.

Facilitate and support the invitations made by communal authorities and leaders of the Communal Civil Defense Platforms.

Participate in monitoring and control of the activities foreseen in the project, in the sphere of community jurisdiction.

Participate with the persons responsible for the AYNINACUY Project in the selection of the project's beneficiaries.

Coordinate with the community representatives in the area and its characteristics for the selection of the project's direct beneficiaries.

Jointly with its institution's technical staff, actively support the implementation, monitoring and oversight of the project, in coordination with the representatives of the AYNINACUY team.

Actively engage in the development and execution of the project and incorporate these activities in its participatory budget in order to replicate it in other localities under its jurisdiction.

Facilitate coordination with different Municipality Directorates to carry out activities to optimize the municipality's management documents (strategic plans, damage assessments and needs analysis, drills, etc.)

Facilitate and support the invitations made by communal authorities and leaders of the Communal Civil Defense Platforms.

Facilitate and support the promotion, dissemination and communication of the activities carried out by the Project under its jurisdiction.

Verify the status and location of the tools that will be provided to the civil defense community platforms.

Other actions required by the project and that are within the competence and subsequent approval by the Communal Council.

**FIFTH: THE AGREEMENTS**

**THE PEASANT COMMUNITY OF ..... THE REGIONAL GOVERNMENT OF AREQUIPA AND S.P. COPASA**, agree to subscribe this agreement which will contribute to the strengthened development of the organizational capacities of women and men belonging to beneficiary peasant communities, educational communities and community authorities, regarding the prevention, mitigation and proposal for managing their vulnerabilities and the protection of their livelihoods.

**SIXTH: TERM**

This agreement will be valid until February 21, 2021, in mutual agreement between the parties.

If necessary, the parties may extend the term of this agreement by signing a simple addendum.

Any of the parties is granted the right to waive the Agreement, without stating the reason, by writing a notarized letter to the other party, with 30 days' notice. Otherwise, the programs in execution will continue until they are completed.

As the parties mutually agree on each and all of the above clauses, they proceed to sign this Agreement, in four identical copies, in the province of..... , on ..... , two thousand eighteen.

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**Attorney Yamila Osorio Delgado  
Regional Governor  
Regional Government of Arequipa**

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President of the Peasant Community

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CPA: Bertha Zegarra de Matos  
Executive Director  
S.P. COPASA

W/Copy  
CAF  
P.E. COPASA-GRA  
MINAM



## 6.8. Annex VIII. Photographic Record

### Photographic record of the Ayninacuy Initiation Workshop



**PICTURE Nº 1:**

Representatives from participating Institutions in the Head Table: left to right, CPA Berta Zegarra de Matos, GRA-COPASA Executive Director; Soc. María Angélica Salinas Valencia, Project Director; Dra. Lucia Ruiz Ostoic, Vice Minister for the Strategic Development of Natural Resources; Attorney Yamila Osorio Delgado, Regional Governor, Arequipa Region, Engineer Camilo Rojas, CAF Principal Executive, Climate Change and Ms. María Carolina Torres Silva, CAF, Executive, Climate Change



**PICTURE Nº 2**

Participants, representatives of institutions invited to the Initiation Workshop of the Ayninacuy Project



**PICTURE Nº 3:**

Presentation on "Nationally determined contributions in adaptation and how they relate to the AYNINACUY project"

Dr. Lucia Ruiz Ostoic, Vice Minister for the Strategic Development of Natural Resources



**PICTURE Nº 4:** Opening Speech  
Attorney Yamila Osorio Delgado Regional Governor, Arequipa Region



**PICTURE Nº 5:** Presentation of the Ayninacuy Project  
Engineer Camilo Rojas: CAF Principal Executive



**PICTURE Nº 6:** Presentation of the Ayninacuy Project  
Ms. María Carolina Torres Silva, CAF Climate Change Executive



**PICTURE Nº 7:** Presentation of the Ayninacuy Project  
Attorney María Angélica Salinas Valencia, Project Director



**PICTURE Nº 8:**

Presentation by the Ayninacuy Project technical team with the Director:  
Attorney María Angélica Salinas Valencia (far right)



**PICTURE N° 9:** Participants in the head table

Left to right, Engineer Camilo Rojas, CAF Principal Executive, Climate Change; Dr. Lucia Ruiz Ostoic, Vice Minister for the Strategic Development of Natural Resources; Attorney Yamila Osorio Delgado, Regional Governor, Arequipa Region, Ms. María Carolina Torres Silva, CAF Senior Executive, Climate Change and CPA Berta Zegarra de Matos, GRA-COPASA Executive Director



**PICTURE Nº 10:**

Presentation by the Project's technical team, with the Regional Governor of the Region of Arequipa, the GRA-COPASA director and CAF Executive officials



**PICTURE Nº 11:**

Ceremonial signing of the Interinstitutional Cooperation Agreement for the Ayninacuy project, by Attorney Yamila Osorio Delgado (left), Regional Governor of Arequipa and the Province Mayor for the province of Caylloma Dr., Rómulo Tinta Cáceres (center) and the Copasa Executive Director: CPA Bertha Zegarra de Matos (right)





**PICTURE N° 12:**

Ceremonial signing of the Interinstitutional Cooperation Agreement for the Ayninacuy project, by Attorney Yamila Osorio Delgado (left), Regional Governor of Arequipa and the Province Mayor Representative for the province of Arequipa Dr. Ricardo Chávez Calderón (center)



**PICTURE N 13:**

Mayors and community representatives with authorities, after the ceremonial signing of the agreements



**PICTURE N° 14:** Press conference  
Attorney Yamila Osorio Delgado, Regional Governor of the Arequipa Region



**PICTURE N° 15:** Working groups  
Local, province and district authorities working group



**PICTURE Nº 16:** Working groups  
Public and private institutions working group



**PICTURE Nº 17:** Working groups  
Peasant Communities working group, led by Engineer Arturo Rivera Vigil, Project Field Supervisor