

**SiPAM**

**From Machu Picchu  
to Lago Titicaca**

**CONAM-FAO, Perú, 2006**

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# Localization:

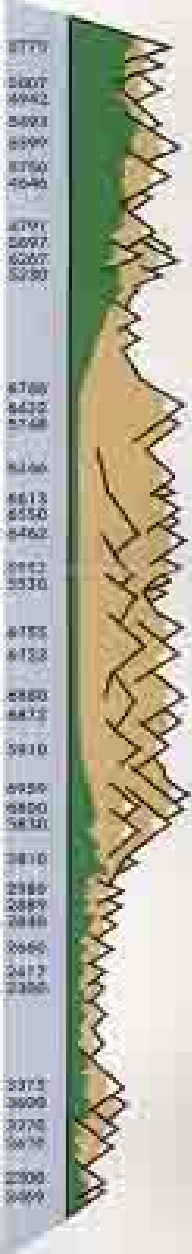
Sud America

Perú  
Cusco-Puno

High Mountain  
Agriculture  
Over 3,000 m.



COLON	8779
SOLDADA HUMBOLDT	8607
EL COCUI	8493
SUNZ	8499
HUELA	8750
PURACE	4545
PICHINCHA	8791
COTIPALI	8697
CHIMBORAZO	8287
SANGAY	5780
HUASCARAN	8788
YERUPALA	8432
HUADARACHA	8768
FLAMASCO	8196
COROPUNA	8613
ANCOHUMA	8550
ELIMANI	8462
SALMA	8112
ISLUSA	5330
TOCOSPURI	8755
LULLULLACO	8733
DIOS DEL SACADO	8880
SONETE	8832
TORTOLAS	5910
ACONCAGUA	8759
TUPUNCATO	8850
SAN JOSE	5800
CERRO AZUL	3838
CORRALLES	2889
LONGUIMAY	2889
WILLARICA	2889
OSORHO	2640
HUELLA	2417
COSCOVICO	2386
BITZROY	2272
MURALLON	2690
BERTHARD	2770
RAIN	2678
SARMIENTO	2200
DARWATI	2499



# Localization:

Vilcanota valley and Puno high plateau.





Machupicchu



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Lago Titicaca

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# Local benefits

1. Conservation of biological diversity
2. Preserve indigenous knowledge
3. Maintain healthy landscapes
4. Empower local communities
5. Reduce poverty



# 1. Agrobiodiversity

## Testimonios

10,000 años de domesticación



# 1- Agrobiodiversity

More than 2,000 different varieties of potatoes



# Agrobiodiversity Varieties of Quinoa, Cusco



30 varieties of quinoa

# Agrobiodiversity, Maize native varieties



2 maize razes

# 1. Agrobiodiversity, Alpacas



2'500,000 alpacas, Puno and Cusco

## **2. Local Knowledge**

- a. Agricultural practices**
- b. Soil managemet**
- c. Traditional irrigation systems**
- d. Agrobiodiversity conservation**
- e. Food conservation practices**



## 2. Laymes, Aynokas, crop rotation system



28,000 has. in production

## 2. Terraces

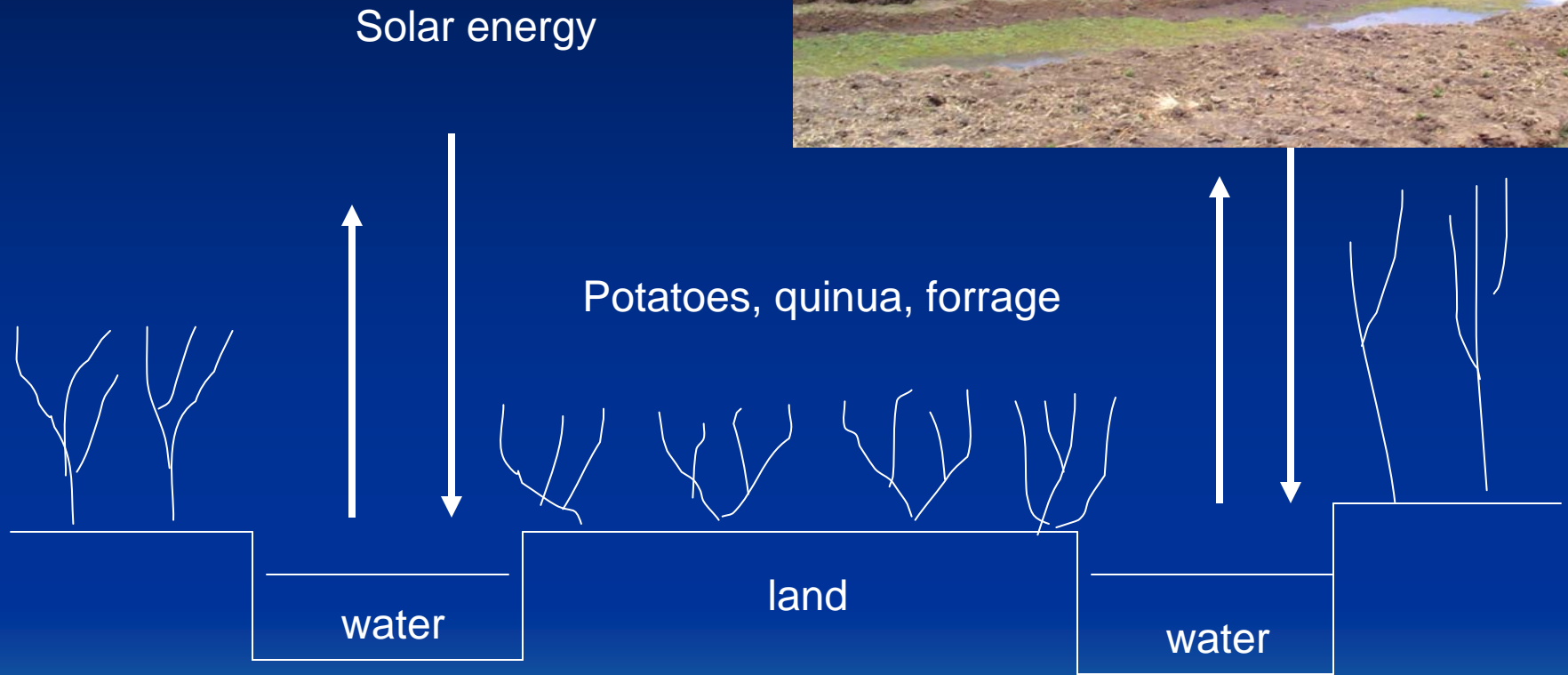
More than 100,000  
has with ancient  
terrace, ( Andenes,  
pata patas)

In Cusco - Puno

Only 8 % in use



# 2.Sukacollo



25,000 has only 1,400 in use

## 2. Agricultural tools

Chaquitacllas

Raucanas

Arado de palo

Huactanas



### 3.Landscape, Intermountain valley, Cusco



### 3.Highplateau, Puno



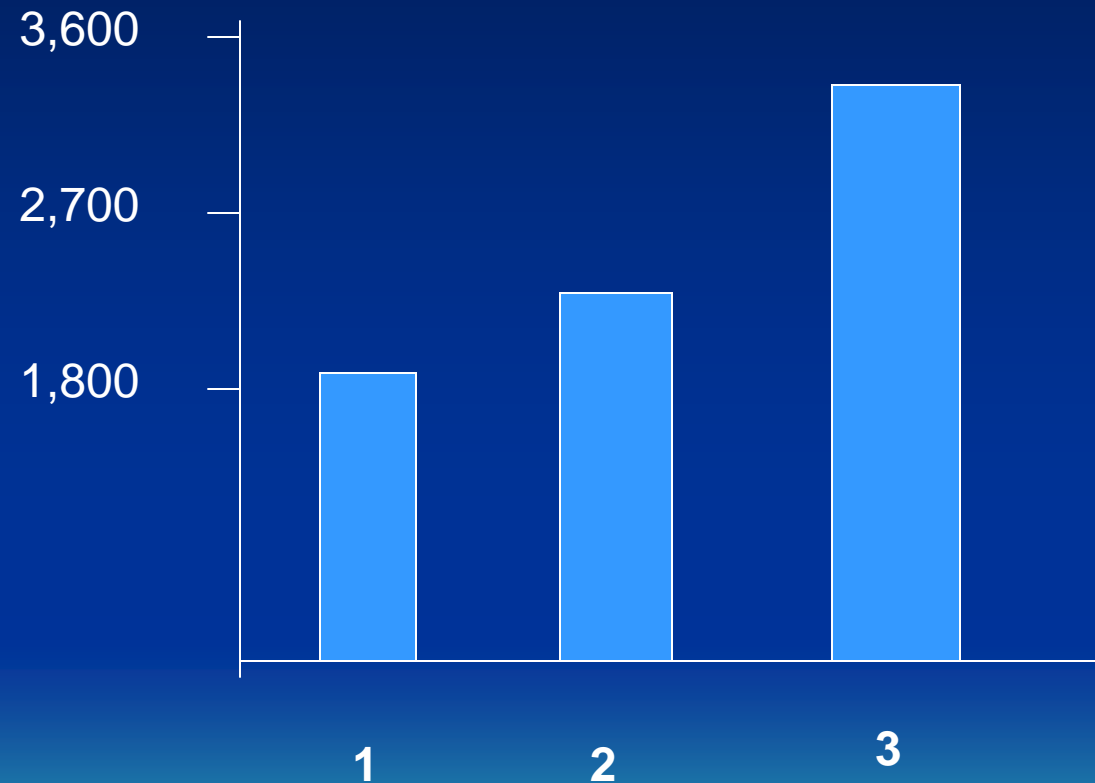
# 4. Empower community organization



800 Communities in the region

# 5. Reduce poverty

Income per family US \$/year



1. Agriculture products

2. Agriculture +  
Livestock

3. Agriculture +  
Livestock +  
Forestry +  
Handcrafts +  
Agroindustry  
Agroecotourism



Thanks to the Pachamama