

# Sustainable intensification of family farming in Peru and Bolivia

Disseminate, through a participatory scaling methodology based on a Virtual Dissemination Platform (PVD), knowledge and climate-resilient technological innovations that enhance the family production systems of the Peruvian-Bolivian Altiplano



What is the Virtual Dissemination Platform (PVD)?

## The implemented initiative

In the Altiplano of Peru and Bolivia, Agricultural Technological Alternatives (ATA's) were generated. As they have been validated with local families, they can be disseminated to schoolchildren in rural areas. For this, a Virtual Platform (PVD) has been structured as a dissemination tool. In it, schoolchildren have access to

58 ATAs in crops, breeding, transformation, nutrition and forestry. Students can consult them, request information, discuss agricultural or transformation issues. The technology transfer process is virtual and massive, which is novel as a Participatory Escalation Methodology.

VIRTUAL PLATFORM AS A DISSEMINATION TOOL (PVD)

## The technological solution

In the rural area of the Peruvian-Bolivian Altiplano there are more than 1 million producer families. With the aim of strengthening this Andean agriculture in a context of poverty, fragility of the ecosystem, with high climatic irregularity and socio-economic restrictions; actions are proposed to disseminate successful agricultural innovations to a wider audience. The beneficiaries of the project are rural children at the secondary, technological and university levels. The initiative considers that this youth population (women and men)

need to improve their knowledge, vision, and agricultural skills because they will be responsible for productive units in the future. Consequently, the strategy is based on disseminating knowledge on climate-resilient agricultural and technological innovations, based on proven methodologies through a Virtual Dissemination Platform (PVD). It is expected that new female and male farmers and innovators in their region will become leaders in transferring knowledge.

### AGENDA FOR THE BENEFICIARIES OF THE PLATFORM, FOR REGISTRATION OF DAILY ACTIVITIES



MÁS INFO



## Results

- 27 agreements were concluded with rural schools in the field of work.
- Dissemination of 58 ATAs to 2,799 visiting schoolchildren, corresponding to 803 registered users in the PVD (35% in Bolivia; 65% in Peru).
- Of the 804 users, 24 are farmers, 39 researchers and 98 teachers. Altogether 38% are women.
- Due to the Covid-19 pandemic and the health emergency, 13 virtual and six face-to-face workshops were held, with the participation of 698 students, 38% of whom are women.

- In each virtual workshop and by topic, an entrance test and an exit test were established.
- From the modules and the PVD, three ATAs (organic garden, greenhouses and worm rearing) have been replicated in 47 households by 59 beneficiaries (37% women).
- A contest on "propagation of native potatoes by sprouts", to which 68 participants (63% women) registered.

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- 19
- 27
- 58

Main donors



Participating Organizations

