



## Project 2: “Yapuchaña” Gardens

“Yapuchaña” means to grow food in the Aymara culture

### Primary contact

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### Introduction

**Problem:** Food security in Bolivia is profoundly influenced by the climate crisis and socio-economic factors. The impact of these intertwined challenges has resulted in significant ramifications for the population, with approximately 16% of Bolivians, equivalent to 2 million individuals, experiencing hunger and malnutrition. By addressing the climate crisis and socio-economic factors in a coordinated manner, Bolivia can make significant strides in reducing hunger and malnutrition ensuring a more secure and sustainable food future for its population.

**Solution:** Increase access and availability of food by supporting and facilitating local production in public spaces such as schools, parks, disused green spaces or unused municipal land. Showcase effective community organic gardening in Bolivia, analyze the sustainability and yields of organic farming, and equip farmers and schools with transformational skills to move from conventional/traditional agricultural practices to contemporary organic farming techniques.

### Goal

Our goal is to implement and educate on the establishment of at least 100 family gardens and 5 greenhouses in schools, households or communities by 2030.



## Objectives

**Objective A:** Install each year 1 greenhouse in schools, foster homes or communities.

**Objective B:** Install 15 family garden beds each year accompanied by the growth of medicinal plants in urban or peri-urban families with training and monitoring.

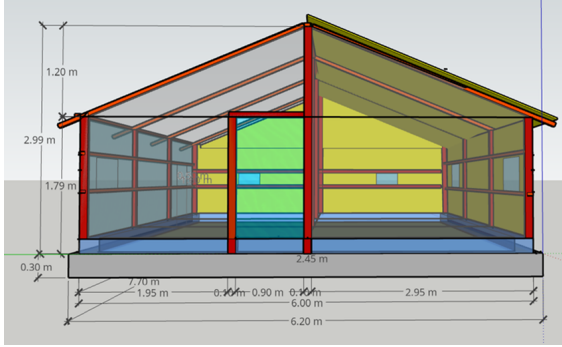
**Objective C:** Train 100 people in organic agriculture by 2030.



## Budget breakdown

Below you will find a budget for 1 greenhouse:

Item description	Unit cost USD	Quantity	Total Cost USD
Greenhouse foundation	167	1	167
Brick wall	308	1	308
Buttresses and wooden structure of the ceiling	374	1	374
Plastic cover, gutters, windows and door	712	1	712
Construction and gardening tools	342	1	342
Earthworms (lbs)	13	11	143
Drip irrigation system	370	1	370
Workshops	290	5	290
Transport and communication	11	15	165
Administration	1095	1	1095
Greenhouse construction	923	1	964
Training workshops	14	5	70
<b>TOTAL</b>			<b>5000</b>



Below you will find a budget for 15 urban food garden beds:

Item description	Unit cost USD	Quantity	Total Cost USD
Urban food garden 3.3 x 3.3 ft	86	15	1290
Training for beneficiary families	15	15	225
Monitoring of beneficiary families	22	15	330
Transport	3	10	30
Administration	980	1	980
Social Network manager	145	1	145
<b>TOTAL</b>			<b>3000</b>

