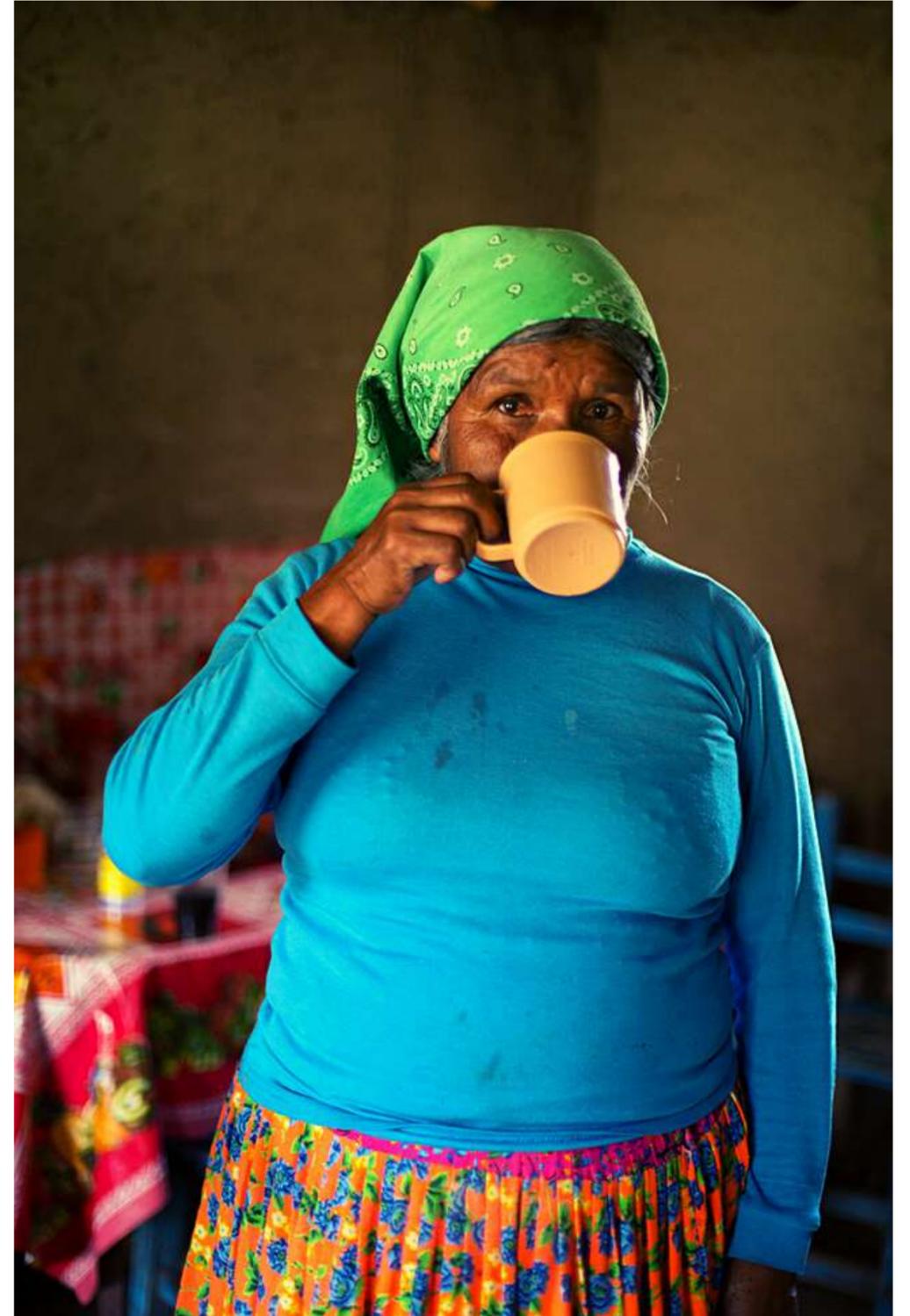




CENTRO DE ACOPIO PARA LA TARAHUMARA, A.C.

SAFE WATER FOR THE SIERRA TARAHUMARA



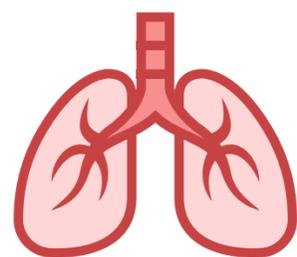


Impacts

Improve welfare of indigenous communities living in municipalities affected by the lack of access to clean water in the Sierra Tarahumara.

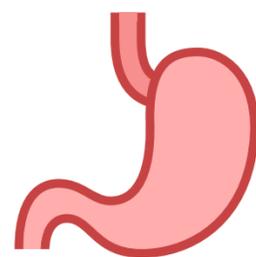


Health



✓ **Diminution in respiratory disease**

When installing the system, families substitute the wood roof for a galvanized metal sheets roof. They now have a roof that is free of infiltration and they report less respiratory diseases and allergies



✓ **Diminution in gastrointestinal disease**

They report being sick less often from gastrointestinal diseases



✓ **Prevention of articulation waste**

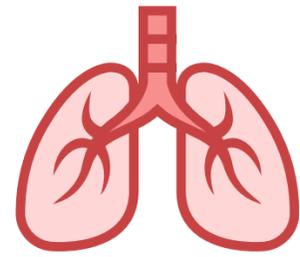
Beneficiaries report having to walk a lot less since they have access to water. Most women and children had to walk an average of 2 hours daily to get water, in most cases contaminated. They then had to transport it in buckets back to the house.



✓ **Better hygiene**

Beneficiaries report having improved their hygiene since they have access to clean water and with the knowledge shared during the workshops

Health



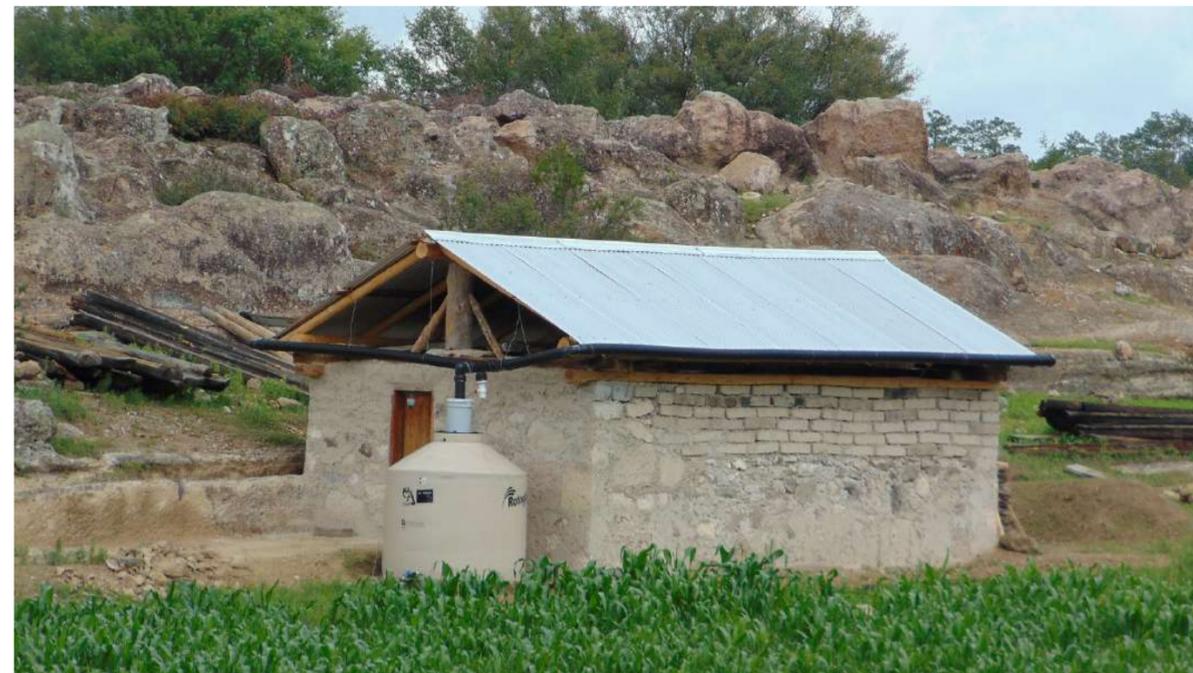
Diminution in respiratory disease

When installing the system, families substitute the wood roof for a galvanized metal sheets roof. They now have a roof that is free of infiltration and they report less respiratory diseases and allergies

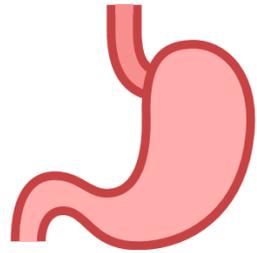
Before: wood roof



After: metal roof, free of infiltration



Health



Diminution in gastrointestinal disease

They report being sick less often from gastrointestinal diseases

Before: drinking contaminated water



After: access to clean water



Health



Prevention of articulation waste

Beneficiaries report having to walk a lot less since they have access to water. Most women and children had to walk an average of 2 hours daily to get water, in most cases contaminated. They then had to transport it in buckets back to the house.

Before: walking for water and carrying heavy buckets of water



After: water access in the house



Health



Better hygiene

Beneficiaries report having improved their hygiene since they have access to clean water and with the knowledge shared during the workshops

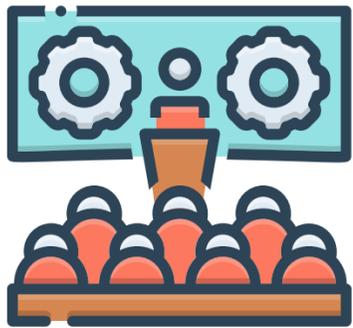
Before: no water for personal or house hygiene



After: water access in the house for personal and domestic uses



Social Capital



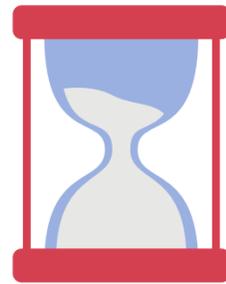
✓ New skills

Since the project is participatory, community-led, beneficiaries learn new skills along the project.



✓ Community empowerment

Since we develop community-based projects, beneficiaries are involved in every step of the process especially in the training and installation of the system.



✓ Time

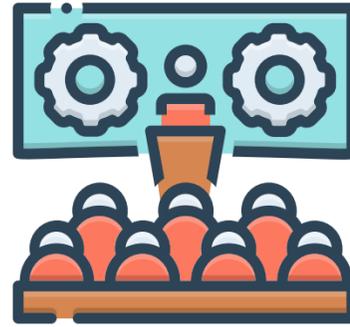
Since beneficiaries save time not looking for water, they can invest it in productive activities or family time.



✓ Improved living conditions

During the project, 42% of families decide to amplify their house and as a result live in better conditions.

Social Capital



New skills

Since the project is participatory, community-led, beneficiaries learn new skills along the project.

Training



Social Capital



Community empowerment

Since we develop community-based projects, beneficiaries are involved in every step of the process especially in the training and installation of the system.

5	Carlos Cruz Orpinel	7	5	2	1	2	2	2	4	2	2	1	1	2	1	1	1	-	-	-	14	23	3	4		Francisco Diaz
6	Francisco Diaz Moreno	10	5	2	1	2	2	2	4	2	2	1	1	2	1	1	1	-	-	-	20	32	4	5		Francisco Diaz Moreno
7	Andrea Regina Bustillos Palma	7	3	2	1	2	2	2	4	2	2	1	1	2	1	1	1	-	-	-	14	23	3	3		
8	Jorge Bustillos Loya	6	6	2	1	2	2	2	4	2	2	1	1	2	1	1	1	-	-	12	-	20	2	3		Jorge Bustillos
9	José Ramos Bustillos Bustillos	7	5	2	1	2	2	2	4	2	2	1	1	2	1	1	1	-	-	-	14	23	3	4		
10	Julio Espino Arviso	3	3	2	1	2	2	2	4	2	2	1	1	2	1	1	1	-	-	-	6	10	1	2		



Social Capital



Improved living conditions

During the project, 42% of families decide to amplify their house and as a result live in better conditions.

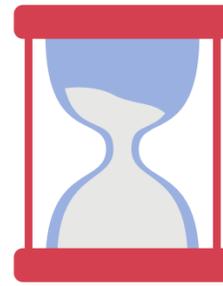
Before: unfinished house in poor conditions



After: strong and safe house with a laminated roof and completed walls



Social Capital



Time

Since beneficiaries save time not looking for water, they can invest it in productive activities or family time.

Before: most of the day is organized around walking for getting water



After: freedom of time for productive activities for example, traditional craft making



Environment



- ✓ Preservation of the water ecosystem of the region

Because people do have water in the house, they do not overuse water from aquifers and preserve the ecosystem of the region.



- ✓ Preservation of the forest

By substituting wood roof by laminated roof, we decrease the deforestation y preserve the forest of the region.



- ✓ Trash collecting

We exchange the rainwater recollection system for trash bags so that families can collect the trash in their communities.



- ✓ Increased awareness related to water care

We promote awareness in relation to natural resources and sensibelize beneficiaries about water care and the importance of caring for the forest.

Environment



Preservation of the water ecosystem of the region

Because people do have water in the house, they do not overuse water from aquifers and preserve the ecosystem of the region.

Before: overuse and drying of the aquifers from the region



After: preservation of the ecosystems of the region



Environment



Preservation of the forest

By substituting wood roof by laminated roof, we decrease the deforestation y preserve the forest of the region.

Before: wood roof that needs to be changed every two years



After: laminated roof that will last for about 35 years.



Environment



Trash collecting

We exchange the rainwater recollection system for trash bags so that families can collect the trash in their communities.



Environment



Increased awareness related to water care

We promote awareness in relation to natural resources and sensitize beneficiaries about water care and the importance of caring for the forest.

