

WALKING THE TALK

Community Management of Drinkable Water And Rural Sanitation In Chile

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Situation in Chile
 RSS Situation in Latin America
 How to move forward on ODS6 (from paper to action)
 Social enterprise model



CHILE: CLIMATE CHANGE AND WATER RESOURCES

Changes in climate Evolutive / cyclical / natural Anthropogenic

> How to deal with them Adaptation / Mitigation Governance Water management (is people management) Participatory training Circular Economy



LAGUNA ACULEO 50 km south Santiago de Chile



Extracción indiscriminada ha reducido la laguna a un cuarto de su tamaño original: Innovador proyecto podría devolver en dos años el agua a la cuenca de Aculeo

El plan, que promete restaurar el nivel histórico de uno de los acuíferos más sobreexplotados del país, podría convertirse en un modelo para todos los valles con problemas hídricos. De no intervenir, la laguna desaparecería en marzo.

Harrow un men que no sale una gota de agosa de la llave de Mario Maldonado, en Kor-Kora o meneralmente de sublicadores no meneralmente de sublicadores no meneralmente de sublicadores no marie del menere omuna de la laguna ić de Agua Potable Ruz APR) L ocalidad de Los Hornos.

as noblemas. A veces se cortaba un to es primera vez que toda la comu-tidad queda sin abastecimiento de igua potable", se queja María. Las no rías y vertientes desde don le tradicionalmente los lugareño caban su agua hace años están se a del AFR Ra

as muchos residentes casa agua destinada a a llenar piscinas o re-uperfícies de pasto. agua en baldes al ca-

in de la última ion en las precipitaez de agua, el mayor anicipio autorizó el uso de a tierra sin considerar si había sufi-



TESAN

1000 m

Importación no tradicional La recarga artificial de acuífe-

La recarga artificial de àcum-ros es una practica que los y hierenn Artionas, transi, atalta-proyecto de la U. de Chile con-templa como posibles fuertes una combiacción entre desvio de canales de regadio en invier-no, plantas de tratamiento de aguas cercanas y el gran acui-fero del Majon, entre otras. Se estima que la recarga requestría anualmente So a 100 millones de m² de agua, para lo que se debe considerar el pago de los devechos correspondientes.

Cultura del agua

CL MERCURIO co de la l'acultad de Ciencias l'osesta-les y Conservación de la Naturaleza de la U. de Chike y director del Grapo Internacional de Investigación Hi-drokégica de sa casa de estudios. El Investigador, quien vive en plantaciones de Iritadas y condomi-nico que es hos instalada en la zona

de higher de sai casa de sai class de sai cl

pantiene a la comunidad de Aculeo 👘 🗛 en r

Cultura del agua Lescara Hillio esta pretio del televante di la lossi appretio del televante di la lossi appretio del televante di la constante del televante di la constante di la lossi del la lossi dela

pero sin consumir agua del acuífero*, dice Pablo García.

maninera la comunidad de Atolio fragmentala por acoascienes y tre criminaciones curzadas. B corroste cuendo inde vidio e sun eretrosero dramálico de la lagura, or ya superífico e linginal de E Jain logy lavem menos de 3 km² y se esti-si apresentar de lationerie sea co-velar lationerio a sun dimente, agosta con al harriero, agost se a forta cuenta de la dimente a sea co-vela la lagura, su al harriero, agost

EL MERC



PETORCA 150 km north Santiago de Chile

YOES



Provin

Changes: drought, floods and fires

Aculeohttps://youtu.be/PBK2vSqdr20Aluvioneshttps://youtu.be/GLPlowxfLp0Incendioshttps://youxtu.be/6r2wp7GmG8w

Escenarios Hídricos 2030 https://www.escenarioshidricos.cl/



100.000.000



More than 100 million people receive drinking water from approximately 100,000 community organizations:





26.000.000 people lack drinking water. Among them, **22.000.000**

live in rural areas.

89.000.000

don't have access to sanitation services. Among them,

39.000.000

live in rural areas.



To comply with SDG6: TWO PRIORITIES IN LATIN AMERICA AND THE CARIBBEAN

 To cover the lack of access in water and sanitation

 To achieve the sustainability of the community organizations that provide these services in most of rural areas



HOW DO WE MOVE FROM PAPER TO ACTION ?

GOVERNANCE/ MANAGEMENT

It is essential to establish adequate governance and a management model.

CHILE: management model as a non profit social enterprise (a) participation (b) training (c) appropriation (d) accompaniment (e) funding



HOW DO WE MOVE FROM PAPER TO ACTION ?

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FUNDING

(a) participation
(b) training
(c) appropriation
(d) accompaniment



Brasilia World water Forum Participation of FESAN

17 a 23 Março de 2018

BRASILIA

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MINISTERIO DO

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Estádio Mané Garrincha Centro de Convenções

Ulysses Guimarães



8' Forum Mundial

da Água

Brasilia-Brasil

2018

THE CHILEAN RURAL WATER & SANITATION SYSTEM

Since 1964, the Chilean rural water & sanitation system is based on nonprofit entities

Water and sanitation services are provided by 1900 Rural Sanitation Services (RSS), through 170 Cooperatives and 1730 Committees.



2.000.000

However, their governance and sustainability is not yet ensured.



PARTICIPATION & GOVERNANCE



PARTICIPATIVE TRAINING

FESAN proposes a training plan: the PNFC (National Capacity Strengthening Plan)



 GOAL: Strengthening the management capacity of community organizations, while preserving their participative character.

 HOW: Development of a comprehensive participatory training program that leads to establish a social enterprise management model.

• **STRATEGY:** Establishment of Community Learning Centres and peer to peer partnerships



IMPLEMENTATION 2016-2017 PROGRAM

○ In 6 villages

 106 community leaders & workers from 61 rural services

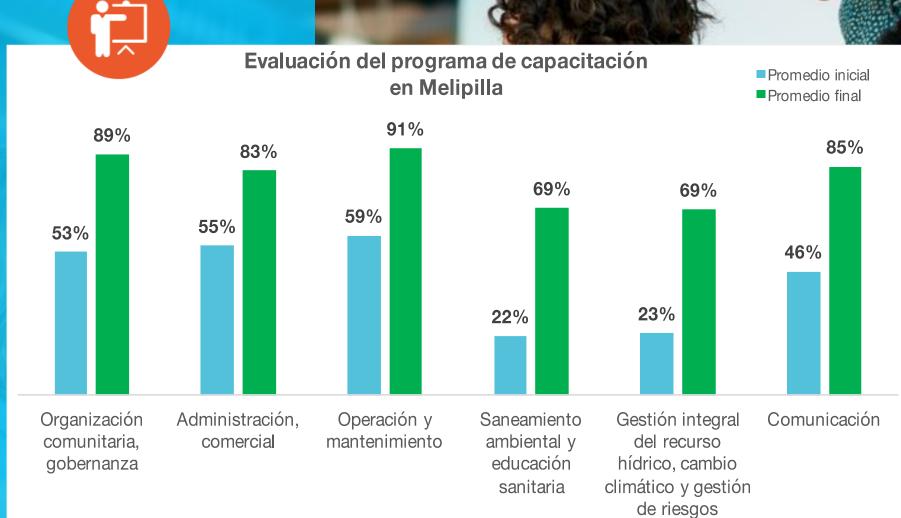
 120 hours of classes and workshops in 6 months Organizational and relational skills
 Public policies and water governance
 Standards, structure and operation of an RSS
 Business management and customer

GOE

- Business management and customer service
- Technical and operational management



MELIPILLA TRAINING Results





MELIPILLA TRAINING



IMPACT OF THE PNFC

For 2 million people, approximate investment of USD 6 million in 4 years!!

Move forward to meet SDG 6

 Progress towards a management model as a **non-profit social enterprise**, trained for better governance and administration, and also understand, design and
 ESAN develop W&S projects. National program: would impact the
 1.900 small rural and sanitation services,
 more than **3.500** people who work in
 these SSRs and mainly the **2 million** Chileans living in rural areas.

 The benefits of the program will also reach the state apparatus, which could rely on SSRs to achieve its goals and plans.

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OBRIGADO*

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