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Embajada de Suiza
Agencia Suiza para el Desarrollo
y la Cooperación COSUDE



COMPROMETIDOS
CON EL USO
EFICIENTE
DEL AGUA

SuizAgua Colombia, Peru
and Chile

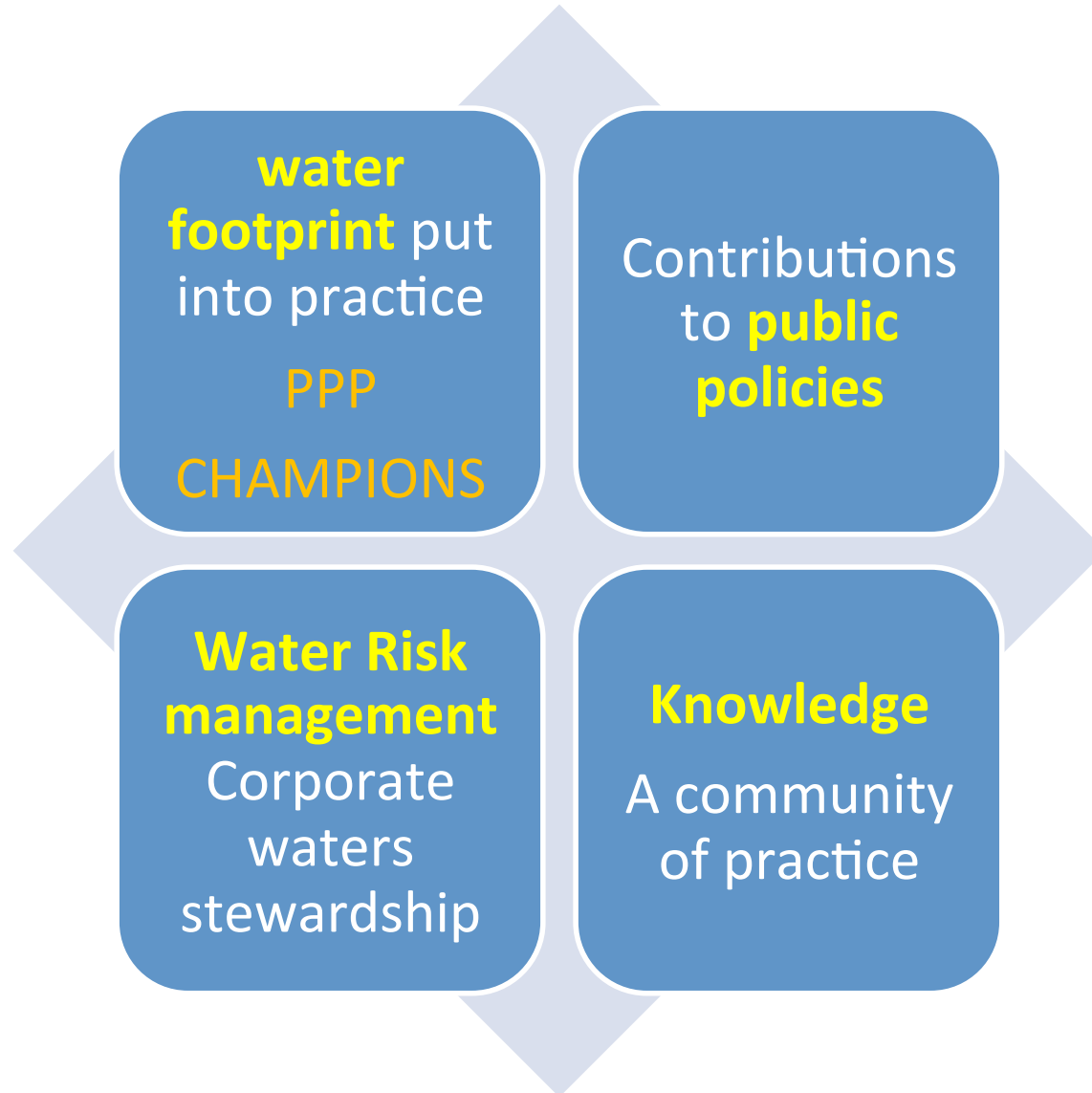


SuizAgua

www.suizagua.org

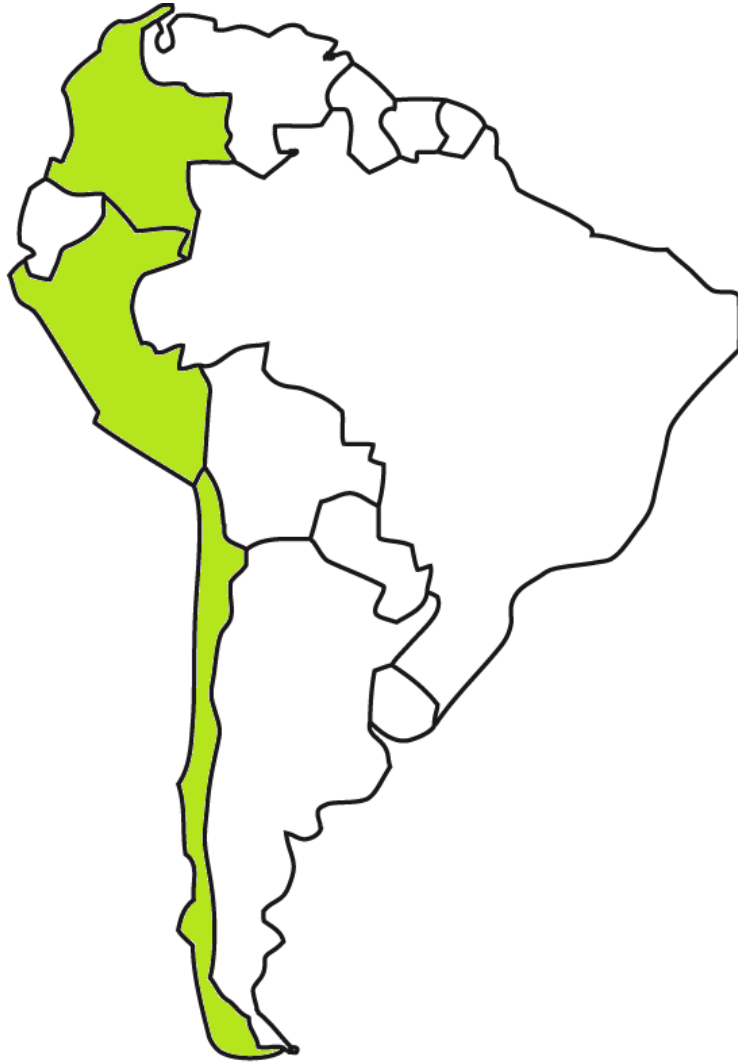
Lines of action

2010 - 2019



Towards the Global Water Goal implementation...

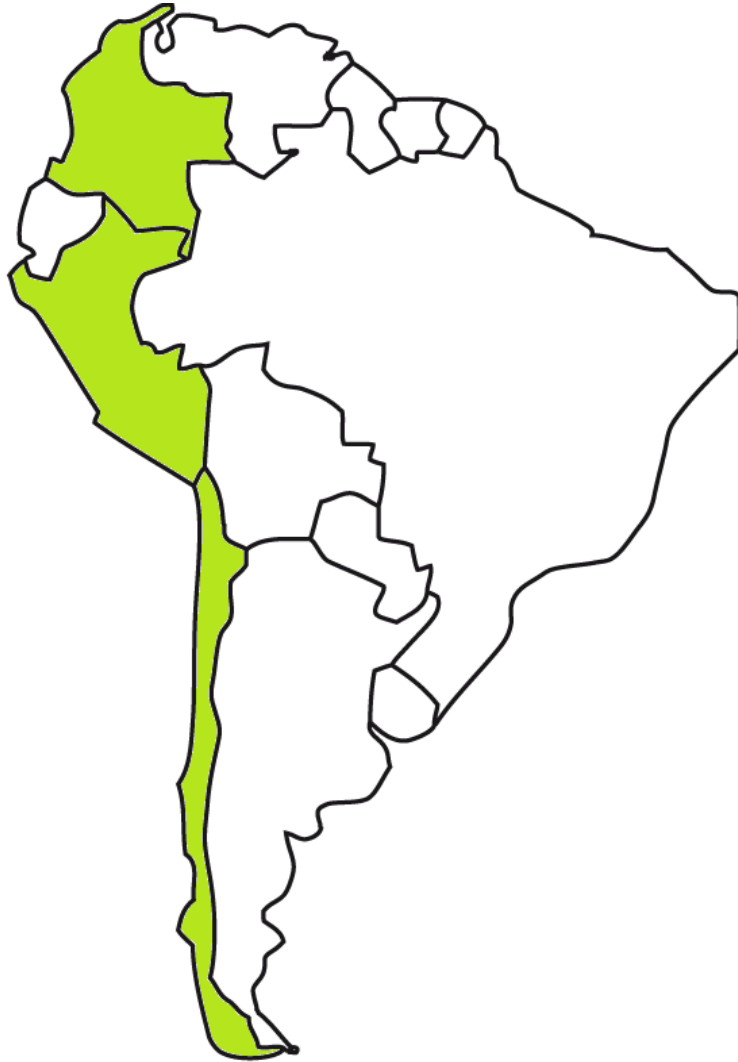
- 6.3 - wastewater treatment & recycling
- 6.4 - water use efficiency and sustainable withdrawal and supply
- 6.5 - protection & restoration of water-related ecosystem



CONTEXT

- Growing economies – OECD.
Economic inequality (Colombia)
- Improvement on democratic process
- **Water availability**
- **Geographic concentration of the water demand + increasing demand.**
- Rising impacts from climate variability and CC
- **Critical water pollution**
(Colombia-only about 10% of wastewater treated)





CONTEXT

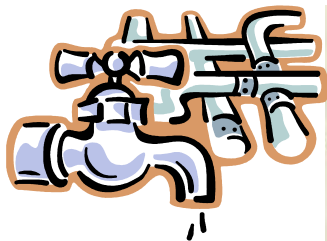
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Water footprint: freshwater use indicator.

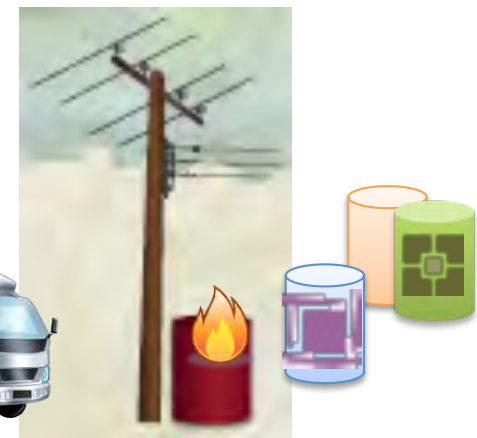
Consumption; pollution; geographic availability



Direct



Indirect



SuizAgua Colombia



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Centro Nacional de
Producción Más Limpia



SuizAgua Perú y Chile





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Partner companies



Centro Nacional de
Producción Más Limpia



Centro de
Análisis de Ciclo de Vida
y Diseño Sustentable



The CEO Water Mandate

Approach

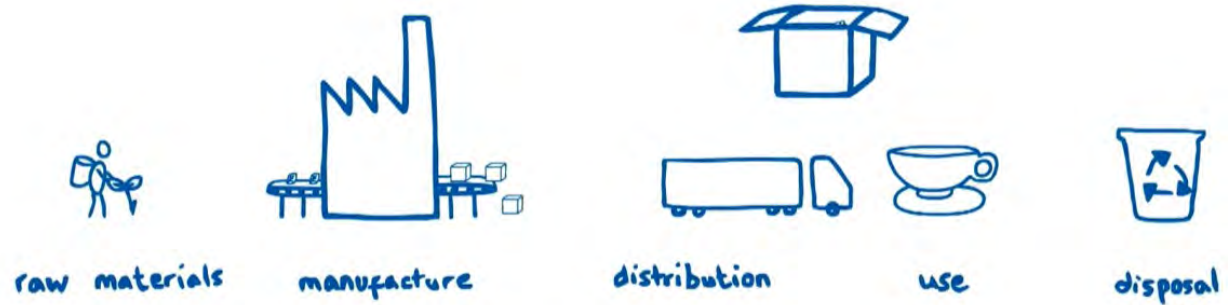


Gráfico: INNOWater

Gráfico: Unilever

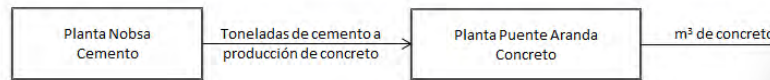
Improve knowledge for better management

Escriba Año Base: Anual
 Escriba Alcance: Numero de Productos/procesos/Plantas:

[Programa Gestion](#)
[Ingreso de Datos](#)
[Base Datos QUANTIS](#)
[Ingreso Contaminantes](#)

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Centro Nacional de Producción Más Limpia



Llène solo si cambia el alcance a "Producto":

Cantidad de producto: m³ de concreto



SDG 6:

6.3 - wastewater treatment & recycling

6.4 - water use efficiency and sustainable withdrawal and supply



CHILE - MAIPU CHEMICALS Site

Green areas - irrigation :

2'500 m³/month saved (15%)



COLOMBIA – URABA BANANA FARMS

Implementation and rehabilitation of

8 water treatment plants - reuse

1'000 m³ groundwater/month saved



PERU – ICECREAM PLANT

Water reuse during Cleaning In Place process

2'170 m³/month saved

About 4'400 USD/month saved





CHILE – WATER TREATMENT
Biotreat® plant and reuse, waste water of rural community
1'500 m³/month saved
838 beneficiaries



COLOMBIA – RAIN WATER HARVESTING
Implementation of systems for 4 schools
for rain water harvesting and storage
73 m³/month
564 beneficiaries



PERU – FOG COLLECTION
Fog collection and storage, for agricultural uses, high scarcity area
8 m³ retained
305 beneficiaries



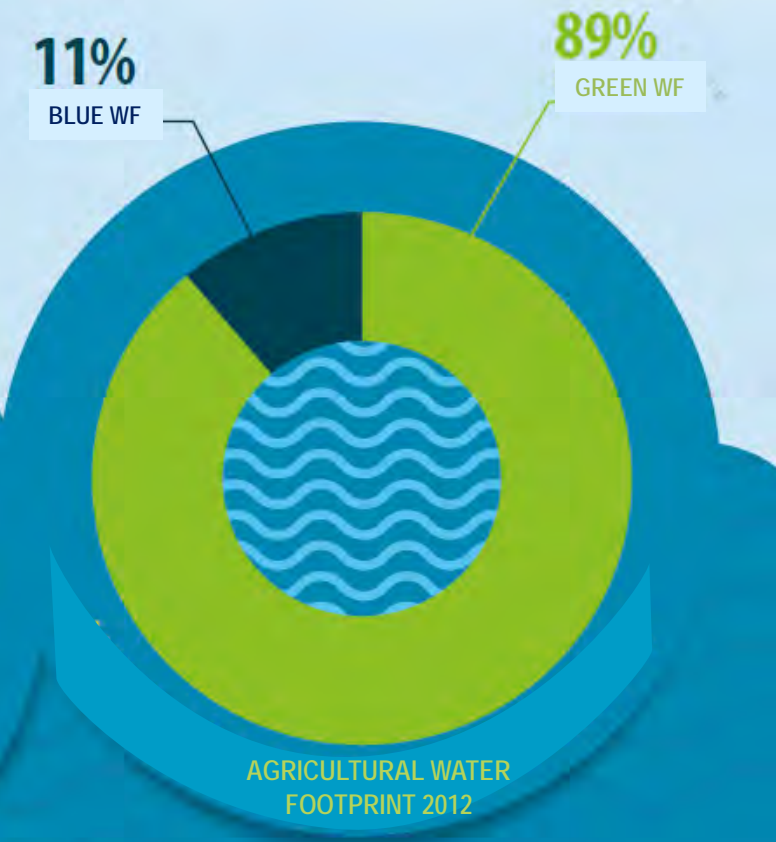
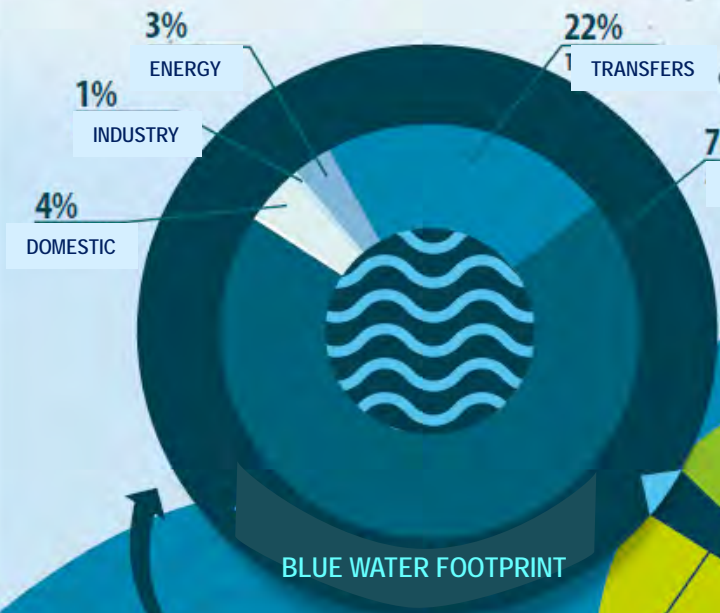
Contributions to **public policies**

Peru :Voluntary water footprint norm for companies, established by the National Water Authority

1. Water footprint reporting
2. WF reduction Plan
3. Shared value program



QUANTIFICATION OF GREEN AND BLUE WATER FOOTPRINT



2. EVALUACIÓN DE HUELLA HÍDRICA VERDE Y AZUL



Contributions to public policies



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water uses criteria for
**Agricultural land
planning**

Guidelines of **National
Program for Water
Quality Monitoring**



Water Benefit Certificates

Made in Colombia

Financing schemes

6.6. Protection & restoration of water related ecosystems



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giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



Lessons learned

- National legislation still lags behind. **Water tariffs + waste water standards** are not a strong incentive for water efficiency, treatment, reuse.
- Need of better **knowledge and transparency** regarding water uses. Poor **water quality data** available
- Building **confidence** with partners takes time and close follow-up
- Direct link to **ISO norm** process was motivating
- Still **many methodological** challenges ahead
- Inclusion of other social/environmental criteria (besides WF)
- Challenge remains in **value chain WF reduction**
- Corporate responsibility actions need to reach **collective initiatives** - long term vision
- Identified need to work with the **agricultural sector** - competitiveness opportunity

SDG Compass

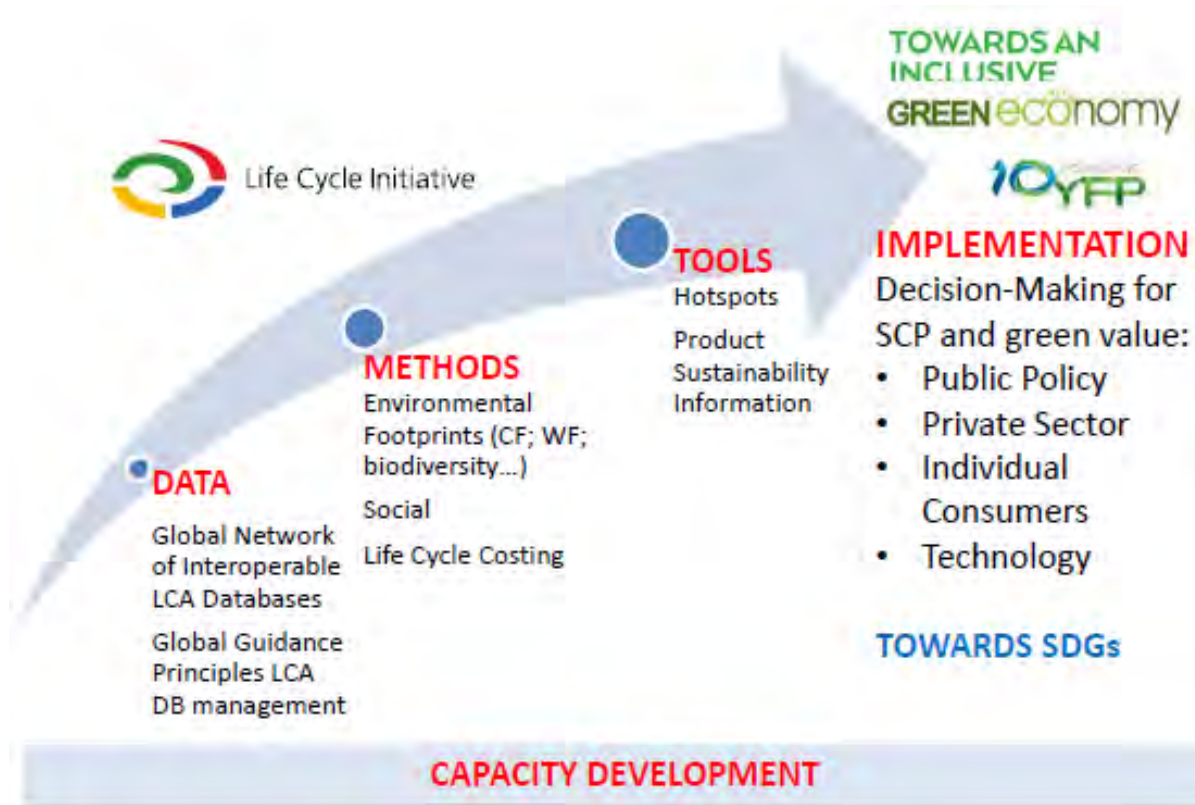


United Nations
Global Compact



wbcasd

Product environmental footprint (EU)



Source: http://ec.europa.eu/environment/eusss/smgp/conference_2015_en.htm



