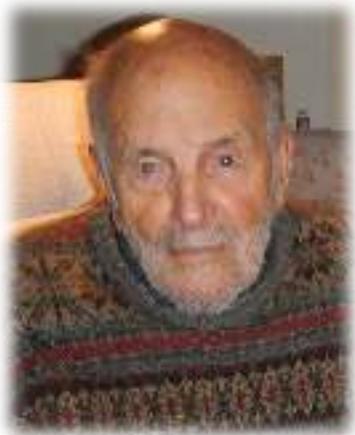




Supporting rural communities in the design, development and construction of safe water distribution systems since 1987



APLV and I



Gilles Corcos,
founder of APLV



Agua Para La Vida France
(2002) and the 12 members
of its General Assambly



APLV in Nicaragua



- APLVN is a **Nicaraguan NGO** with supporting organization in France and the US.
- APLV team has **30 years of experience** in designing and developing potable water and sanitation projects and has completed **89 projects** serving over **35,000 individuals**.
- APLV works in partnership with local NGOs, municipalities and non-profit organizations in Nicaragua, France and the US.

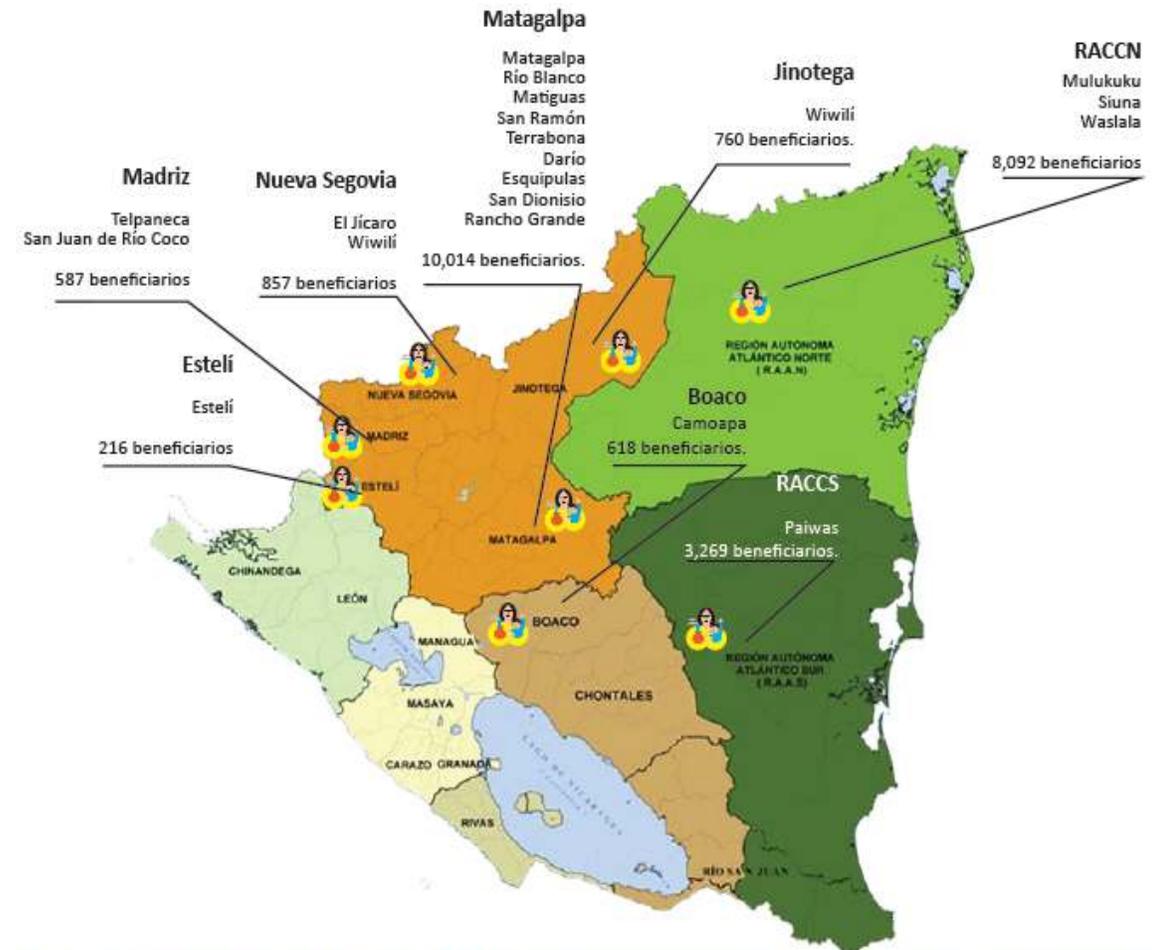
Achievements

35,117 people

89 completed projects in

20 municipalities

Winner of the VII Edition of the Water and Sanitation Prize sponsored by the IDB (2015)



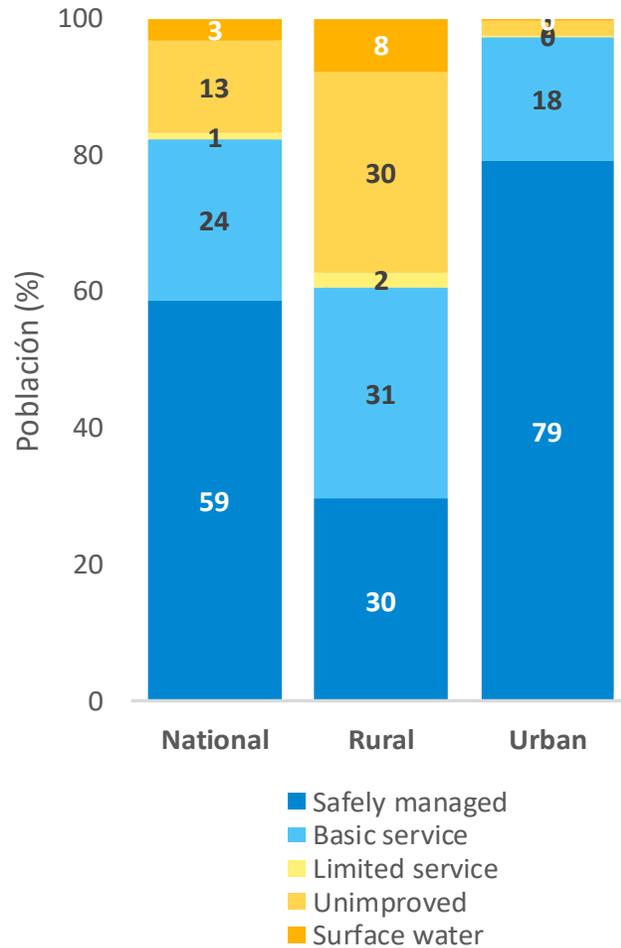
Geographical coverage of APLV's projects from 1987 to 2016

Access to Drinking Water and Sanitation in Nicaragua

WASH: a Global Issue



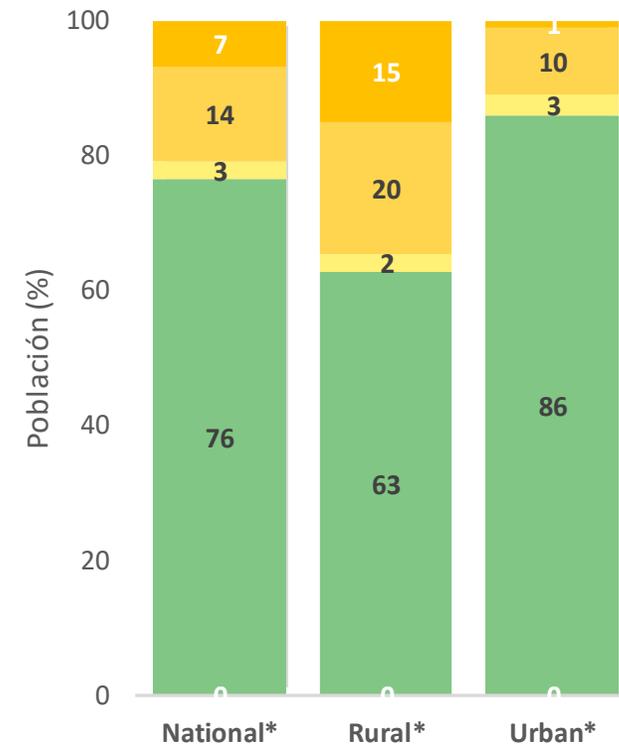
Access to Drinking Water



Source: WHO/Unicef JMP (2017)



Access to Sanitation



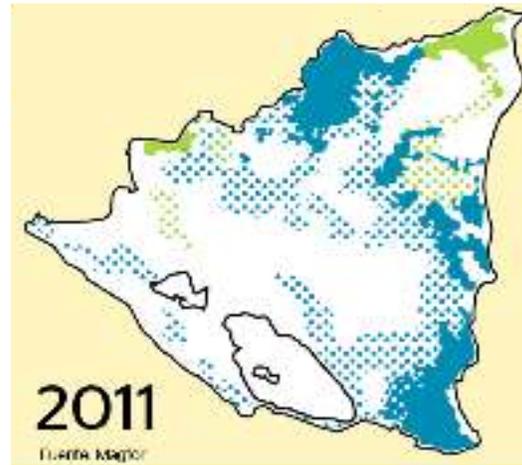
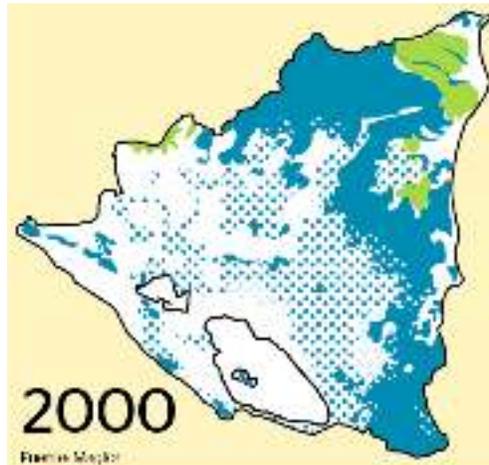
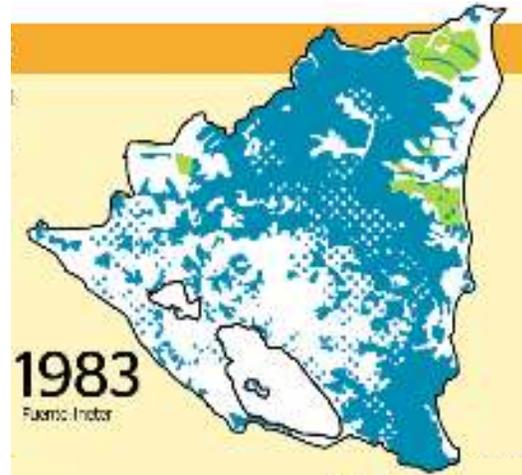
- Safely managed
- Basic service
- Limited service
- Unimproved
- Open defecation

*No safely managed estimate available

Source: WHO/Unicef JMP (2017)

Environmental Reality

Deforestation



**Unfriendly
agricultural practice**



Mudslides



Source: La Prensa, 2017.

Methodology of Intervention and Achievements of APLVN

Organizational strategy aligned to SDG

6 CLEAN WATER
AND SANITATION



Ensure availability and sustainable management of water and sanitation for all

15 LIFE
ON LAND



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

17 PARTNERSHIPS
FOR THE GOALS



Strengthen the means of implementation and revitalize the global partnership for sustainable development



Agua Para La Vida Nicaragua

Our Vision

A Nicaragua where all people have access to safe drinking water and sanitation

Our Mission

To improve the quality of life of rural communities in Nicaragua by developing sustainable access to safe water and sanitation



Community of San Isidro, Matiguas.
Credit: Jon Polka, 2010.

Work Components



**Access to
Drinking Water**



**Integrated Water
Resources Management**



**Access to Sanitation
and Hygiene**



Technical Education



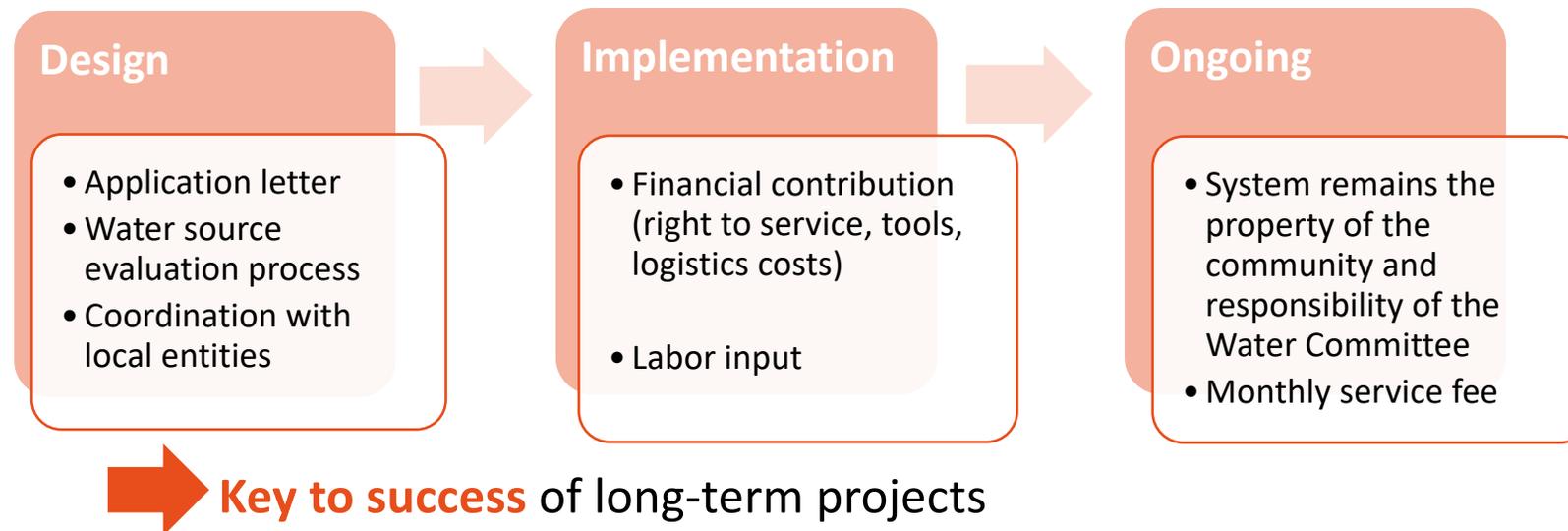
**Empowerment of
local leaders and
communities**



Volunteering

Methodology of Intervention

1. Community participation in all stages of the project:



2. Presence of the APLVN team in the community throughout the project

Holistic Approach



Drinking Water

Sanitation



Local Empowerment

**Integrated Water
Resources Management**



ETAP: a school to train local technicians in the four areas of expertise and accomplishment.

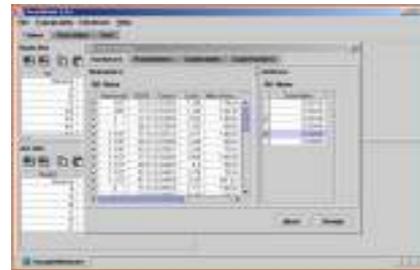
Technical Abilities

- ✓ Expertise in **gravity-fed water systems, self-regulated by the friction in the pipes.**
- ✓ Creation of a **Technical School**
- ✓ Development of **three advanced programs**



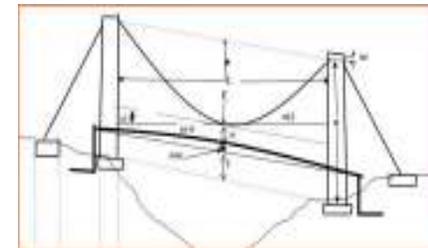
Air in Pipes

For design of the conduction line between the water source and the tank



NeatWork

For design of gravity-fed distribution system from the tank to faucets



ABridge

For design of aerial crossings (up to 150m)

Past collaborations with Rotary Clubs

Projects Executed



Los Pinares 2010

Municipality of Telpaneca, Estelí
62 families

Total budget: **74,606 U\$**

Funded by Rotary Club: **48,517 U\$**



Barrio Nuevo 2011

Municipality of San Juan del Río
Coco, Madriz
53 families

Funded by Rotary Club: **25,838 U\$**



El Quebracho 2014

Municipality of Estelí, Estelí
50 families

Funded by Rotary Club: **85,945 U\$**



Opportunities for future
collaboration

Communities in Wiwilí Nueva Segovia

New Access to Water and Sanitation Project

- **4 communities:** Caño de los Bravos 1, Caño de los Bravos 2, San Jacinto, Canta Gallo
- Municipality of Wiwilí, Nueva Segovia
- 252 familias, 3 primary schools, 5 churches, 1 health center = **928 people**
- **261 home connections, almost 30 km of pipes, 85 latrines**

Total budget: **U\$ 416,159**

Community participation: U\$ 115,701

To be funded: **U\$ 300,458**

Possible partners in the area



Las Barandas

New Access to Water and Sanitation Project

- Community of Las Barandas
- Municipality of Siuna, Autonomous Region of North Caribbean Coast of Nicaragua
- 68 familias, 3 primary schools, 2 churches, 1 health center = **310 people**
- **73 home connections, around 20 km of pipes, 76 latrines**

Total budget: **U\$ 216,831**

Community participation: U\$ 62,995

To be funded: **U\$ 148,170**

In negotiation with City Hall for co-funding



Villa Siquia

Rehabilitation and Extension Water and Sanitation Project

- Community of Villa Siquia
- Municipality of Paiwas, Autonomous Region of South Caribbean Coast of Nicaragua
- Former project built by APLV in 2003, including 52 home connections
- 76 familias, 1 primary school, 3 churches, 1 health center, 1 community center = **349 people**
- **82 home connections, around 12 km of pipes, 51 latrines**

Total budget: **U\$ 137,006**

Community participation: U\$ 29,625

To be funded: **U\$ 107,381**

In negotiation with City Hall for co-funding





CONTACT INFORMATION

Jean-Philippe Vial, Speaker:

jphvial@gmail.com

APLV USA and France

Gilles Corcos, founder:

gilcorc185@gmail.com

APLV Nicaragua

Clémentine Haudecoeur, Fundraising and Communication Director:

chaudecoeur@aplvnica.org

www.aplv.org



THANK YOU FOR YOUR
ATTENTION!

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