

# IMPACT SUMMARY 2019

In 2019, **acciona.org, The Energy & Water Foundation**, continued and extended its activity of bringing access to energy, water and sanitation to very-low-income communities without prospects of having supplied those needs. Through this work, acciona.org increased its impact on the three dimensions of the development –economic, social and environmental–, being aligned with the UN's 2030 Agenda for Sustainable Development and contributing to the achievement of its 17 Goals.

acciona.org provided 13,500 households with –mainly– access to the electricity basic service in an affordable, sustainable and reliable way by means of solar home systems, as well as with equitable access to drinking water and adequate sanitation through reliable systems, besides access to safe cook stoves.

**6 CLEAN WATER AND SANITATION**



**7 AFFORDABLE AND CLEAN ENERGY**



More than 55,800 people, living in poverty and extreme poverty, saved about € 900,000 in alternative energy elements and could spend more than 7.5 million additional hours in their daily activities due to having electric lighting.

About 20.4 million h of available electric lighting reduced diseases due to smokes and not-enough lighting brightness from candles, kerosene, firewood, etc. In addition, the reliable water & sanitation systems avoided diarrhoeal diseases due to improving sanitary conditions and hygiene in the homes of users.

More than 17,000 schoolchildren used almost 945,000 additional hours to do their homework, that return the extension of their primary schooling in 0.4 years and the increase of children registered in secondary school in 11%.

More than 800 women collaborating as members of the Photovoltaic Electrification Committees and 3 women being in charge of their Centros Luz en Casa are part of the almost 20,000 female users who developed their daily tasks (paid or not) easily, besides almost 9,000 girls who did their homework with adequate lighting.

23 micro businesses franchised to local small sized entrepreneurs to offer devices and services related to the systems provided, besides the electricity supplied to users with small businesses at their homes, contributed to employment and economic growth in the attended communities.

acciona.org introduced another innovation in its delivery models by offering an eco-technology catalogue with several systems of water catchment, water purification, sanitation and cook stoves, among which the users choose their solutions according to their needs, habits, existing infrastructure, weather in their communities..., being also trained for the construction and maintenance.

acciona.org increased the number of rural and indigenous communities to which it brings access to basic services. It continued thus mitigating inequalities between urban and rural areas, by reducing rural and indigenous underserved population in Peru, Mexico and Panama.

The total of solar home systems in operation avoided the emission of more than 4,565 t CO<sub>2</sub> and the use and non-controlled disposal of 18 t batteries due to the use of efficient lamps and electric devices to connect to those systems.

The mentioned reliable water & sanitation systems improve the water supply sources and favour reusing & saving water. Within environments of recurring drought, such as the Mexican state of Oaxaca where acciona.org has implemented these solutions, they are useful tools of increasing the resilience and the adaptation to climate change.

acciona.org collaborated with the Spanish Cooperation and local, regional, and country authorities in Peru, Mexico and Panama. It developed its activities with other public and private entities, as well as other organizations with the same aim, such as those in the Table on Universal Access to Energy, the Latin American Platform of Sustainable Energy and Equity (PLESE) and the Alliance for Rural Electrification (ARE).

