

IMPACT SUMMARY 2021 PERU

In 2021, **acciona.org** 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 in Peru. 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 reached **more than 24,600 people benefited (in more than 5,700 households) mainly with affordable, sustainable, reliable access to the electricity basic service, as well as with equitable access to drinking water and appropriate sanitation besides access to safe cook stoves.**



These people, living in poverty and extreme poverty, **saved more than S/. 855,560 in alternative energy elements and could spend at least than 3.65 million additional hours in their daily activities due to having electric lighting, as well as avoiding going to get energy elements and water.**



13.25 million hours of available electric lighting reduced diseases due to smokes and not-enough lighting brightness from candles, kerosene, firewood, etc. Reliable water & sanitation systems provided avoided diarrhoeal diseases due to improving sanitary conditions & hygiene in homes.



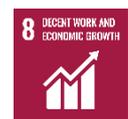
About **6,450 schoolchildren used 353,550 additional hours to do their homework**, that return the extension of their primary schooling in 0.4 years and the increase of children registered in secondary school in 11%.



More than **256 women participated in the representative committees promoted in every community** and are part of almost 5,880 female users who developed more easily their daily tasks (paid or not), besides almost 9,000 girls who did their homework with adequate lighting. In addition, **1 woman in charge of her shop in a Amazonian community offered supplies and services** to the surrounding communities.



15 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 continued the implementation of its **innovative service delivery models**, which are adapted to every operation area. They are based on the installation of solar home systems and micro grids to provide access to electricity services and the offer of improvement of both existing systems and community management to ensure the access to reliable water & appropriate sanitation.



acciona.org **increased the number of rural and indigenous population to which it had brought access to basic services, having reached 252 communities.** It continued thus mitigating inequalities between urban and rural areas, by reducing rural and indigenous underserved population in Cajamarca, Loreto and Ica.



The total of solar home systems in operation **avoided the emission of more than 2,231 t CO₂ and the use and non-controlled disposal of 9.45 t batteries** due to the use of efficient lamps and electric devices connected 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. 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).

