

12 MONTH
IMPACT

FACTSHEET

LENOVO'S WORK FOR HUMANKIND PROJECT: ROBINSON CRUSOE ISLAND IMPACT METRICS MARCH 2022 — MARCH 2023

Lenovo's Work For Humankind is changing how people work, for good. An isolated island of 900 people is now connected to the world with high-speed connectivity, for the first time ever, opening up new possibilities for tourism, trade, employment, and education, increasing its environmental and economic resilience. Work For Humankind is a blueprint for good that can be used across other endangered archipelagoes.

PROJECT GOALS

In the near term, the Work For Humankind project aims to achieve the following outcomes:

1 A remote island community is able to participate in the global economy through connectivity, opening up new possibilities for tourism, trade, employment, and education, increasing their economic resilience, and bridging the digital divide.

2 The Robinson Crusoe Island community gains new skills and knowledge to manage natural resources, improve infrastructure, and leverage their environmental wealth for long-term sustainability and growth.

3 Local conservation projects that protect rare species and ecosystems from damaging, invasive predators gain access to technology that enables real-time decision making.

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ECONOMIC RESILIENCE

The Lenovo Work For Humankind community hub paves the way for bridging the digital divide in the Juan Fernández Archipelago.

70%

Up to 70% of the community (predominantly adults and adolescents) have used Lenovo devices at the community hub to understand and benefit from the educational, economic and social potential of digital technologies.



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“ TESTIMONIALS

“One of the most important things for me about the Work For Humankind project was being able to be in connect with different cultures and knowledge, which were of valuable importance to showcase the reality of our archipelago to the whole world in real time. This continues to help us grow even today.”

- **German Recabarren, Owner of Marenostrum (Diving Service Company)**

“Digital access has improved greatly since this project began. At this moment we have improved connectivity to the school on Robinson Crusoe Island, libraries where the Hub works, and the National Forestry Corporation by 100%. This is unprecedented for our oceanic island territory. Educational support in community agricultural development has generated a strong feeling of pride and self-sufficiency within the community.”

- **Pablo Manriquez Angulo, Mayor of Robinson Crusoe Island**

“Lenovo provided fundamental technological development on the island. With the arrival of professionals with ideal skills for our community, many of us learned and carried out new ways of doing things. My tourism company now understands the importance of web marketing and has doubled the number of followers we had by applying everything learned from the volunteers to our website and social networks.”

- **Kennet de Rodt, Owner of Turismo Von rodt (Fishing Adventures)**

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TECHNOLOGY

Lenovo's Work For Humankind project enables local conservation organizations to join the global hybrid workforce, transforming the efficiency and capabilities of conservation projects.

1 Following Work For Humankind, local staff are regularly meeting remotely with the other parts of their organizations for the first time using the devices and internet connectivity that Lenovo provided, eliminating barriers to organizational efficiency and communication that were slowing down conservation projects.

2 The new Lenovo technology infrastructure has enabled the first ever video conference between local, regional, and central National Forestry Corporation (CONAF) staff to discuss management action plans.

“” TESTIMONIALS

“The delivery of the Internet and improved connectivity have helped CONAF tremendously. Now we can be more efficient and effective. Work For Humankind has improved us as an institution, and now we can access courses without interruptions for the first time.”

- *Guillermo Araya, Administrator of the Juan Fernández Archipelago National Park for the Chilean National Forestry Corporation*

“Being able to join meetings remotely with my team and partners off-island has saved our organization an incredible amount of time, money, and resources. It's like 20 years of technological advancements happened overnight!”

- *Anthoni Munoz, Drone Operator for Eradication Projects at Island Conservation*

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TECHNOLOGY

Lenovo AI Edge Servers deliver actionable data to improve the efficiency of conservation interventions.

1.5^{TB}

Six months' worth of camera trap data (300,000 photos or 1.5 TB of data) was analyzed using AI detection models and reviewed by field staff in one week using the Lenovo AI Edge Servers – a review process that would previously have taken months.



Island Conservation has been able to generate the first island-wide population estimates of invasive animals that directly threaten the pink-footed shearwater, the Juan Fernández Firecrown hummingbird and other native fauna.



For the first time the Island Conservation management team and on-island operational team have had real-time access to field data (geography, flora, fauna) systematically collected in a mobile app to inform conservation planning.



Three months' worth of long-range wireless cameras data has been processed without the need to retrieve the information from the field.



TESTIMONIALS

“Thanks to Lenovo’s AI Edge Server using real-time data processing, we can provide invasive species population estimates faster than ever. This has greatly accelerated what is often a lengthy, time-consuming part of our projects, saving us countless hours and costs. Fast-tracking this step gets us significantly closer to our goal of protecting the Pink-footed Shearwater and other native species by removing invasive species.”

- Jose Luis Cabello, Head of Operations - Latin America, Island Conservation

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NEW SKILLS AND KNOWLEDGE

Community gardens established by Lenovo Work For Humankind volunteers are flourishing, improving the self-reliance of a remote island community.

1 More than 300 native species vegetable starters have been delivered monthly to up to 60 island residents, allowing residents to consume fresh vegetables regularly for the first time and efficiently use scarce water resources.

2 Close to 90 community volunteers regularly tend to seedlings and maintain the island's greenhouses.

3 The original Work For Humankind greenhouse infrastructure has been more than doubled, creating a propagation program for endangered native species. The program has seen 2,516 seedlings from seven native plant species ready to outplant, and 58% of target species covered with some type of collected germplasm (seed, plant or plant part) to further research and conservation efforts.

“ TESTIMONIALS

“Work For Humankind helped to install a tunnel-type metal greenhouse in our demonstration garden. This infrastructure allowed us to benefit the community with the delivery of more than 300 seedlings per month. Prior to the gardens, we had to purchase produce from the mainland to be shipped over. Often that produce would arrive damaged. Growing our own vegetables, while teaching the island's children how to do it, ensures our community is healthier and our island is one step closer to our vision of a sustainable Robinson Crusoe.”

- Karin Recabarren, Greenhouses Manager for the Municipality of Juan Fernández

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