Natural Infrastructure for Water Security works to scale-up the conservation, restoration, and sustainable use of ecosystems and indigenous technologies in order to reduce water risks such as drought, floods, and water pollution.

The project is funded by the United States Agency for International Development (USAID) and the Government of Canada and is executed by Forest Trends, CONDESAN, the Peruvian Society for Environmental Law (SPDA), EcoDecisión and researchers from Imperial College London.

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Our Vision

Project implementation is scaled-up
The activity will start by mobilizing funds that have already been committed for natural infrastructure but have stalled before implementation, thereby increasing the value of annual investments from less than USD $1M/yr to more than USD $14M/yr.

Critical mass of capacity to manage effective, sustainable, and gender-equitable natural infrastructure investments
More than 1000 project developers and evaluators will have improved capacity to design, measure, and manage natural infrastructure projects and portfolios.

Collaborative Cross-Sector Work
Shared vision and roadmap for natural infrastructure integrated in planning and management instruments, which will be based on performance and integrated as a national and watershed scale.

Financial support for natural infrastructure is broadened
The activity will engage new payers and financial investors by making the business case for natural infrastructure and by implementing innovative financing mechanisms. This broadened support will increase the overall amount of financial support through the Natural Infrastructure Improvement Project.

Our Approach

Improve the Enabling Environment for Natural Infrastructure Adoption
We seek to increase public awareness on the effectiveness of natural infrastructure to ensure water supply and increase resilience and the need for investments in natural infrastructures, implementing specific actions to close gender gaps and promote participation of women in water and natural infrastructure decision making.

We imply facilitating the construction of a high-level roadmap for conservation and sustainable utilization of natural infrastructure in Peru and foster incorporation into the Peru’s Government National Coordinator for Sustainable Development.

We seek to increase political and public awareness of the need for investments in natural infrastructure, ensure water supply and increase resilience, and improve the generation of evidence for investment in natural infrastructure.

We work to generate social, water, and economic information for natural infrastructure decision making, focusing on exchange, dissemination, and application in the planning and management processes.

Information Management for Decision-Making on Natural Infrastructure Improved
The project seeks to produce and disseminate the tools, guidelines; channeling information for natural infrastructure decision making, by training, involving various mechanisms and incentives (public and private) for investments in natural infrastructure.

With this, we aim to improve the generation of evidence on water and socioeconomic impacts of the natural infrastructure.

We support progress of investments in natural infrastructure throughout Peru, favoring its exchange, dissemination, and application in the planning and management processes.

Natural Infrastructure Projects Designed, Financed, and Implemented
We seek to design and implement portfolios by mobilizing various mechanisms and incentives (public and private) for investments in natural infrastructure.

With this we aim to improve the generation of evidence on water and socioeconomic impacts of the natural infrastructure.

Project Scope

While the Project aims to scale-up natural infrastructure investments throughout Peru, we focus our efforts on 6 priority watershed regions: Chira-Piura (Piura region); Chillón-Rímac-Alto Mantaro (Lima region); Quilca-Chili (Arequipa region); Huamantanga (Cusco region); Tumbó-Remove (Moyobamba, Amazonas, and Piura regions); and Moyobamba (San Martin region).

Image: Prioritized watershed of the Project
Outside the priority watershed, the project supports progress of investments in natural infrastructure through training, dissemination of tools, guidelines, channeling support through the Natural Infrastructure Improvement Project.

Data

Project Duration: December 2017 - June 2023

Priority Water Watershed:

- China - Piura
- Chillón - Rimac - Lurín - Alto Mantaro
- Quilca - Chili
- Tambo – Moquegua
- Vilcanota - Urubamba
- Chilca - Chili
- Water regulations
- Huamantanga
- Conservation of native and secondary forests
- Restoration and sustainable management of wetlands
- Creation of marshes
- Afforestation with native species
- Infiltration trenches construction
- Restoration of ancestral recharge channels
- Restoration of the Andean highlands
- Creation of marshes
- Reforestation
- Conservation of native and secondary forests
- Restoration and sustainable management of wetlands
- Creation of marshes
- Afforestation with native species
- Infiltration trenches construction
- Restoration of the Andean highlands
- Creation of marshes
- Reforestation