



KIWA
I N I T I A T I V E

Nature-based solutions for climate resilience

In partnership
With:



Pacific
Community
Communauté
du Pacifique



SPREP
Secretariat of the Pacific Region
Environment Programme



.....

Local Communities & indigenous Peoples Platform Pacific Regional Gathering

.....

17 October 2023

.....

This Initiative
is funded by:



EUROPEAN UNION



AFD
AGENCE FRANÇAISE
DE DÉVELOPPEMENT

Canada



NEW ZEALAND
FOREIGN AFFAIRS & TRADE
Aid Programme

Australian
Aid



Outline

1

Kiwa Initiative

2

Projects - Sustainable climate resilient Agri-ecology systems - food production enhancement and marine NbS activities

The mission of the Kiwa Initiative is to help the authorities of the Pacific Island Countries and Territories (PICTs) to implement their climate change adaptation strategies through Nature-based Solutions, thanks to a unique system of financing and project development assistance.

Financing adaptation is a critical issue for countries in the Pacific region.

The Kiwa Initiative is committed to achieving the Sustainable Development Goals - UN SDGs.



THE KIWA INITIATIVE COMMUNITY



TO POOL AND SIMPLIFY
ACCESS TO CLIMATE
ADAPTATION AND
BIODIVERSITY FUNDING FOR
PACIFIC STAKEHOLDERS



WITH A CONSENSUS BASED
DECISION-MAKING PROCESS
IN THE SELECTION OF
PROJECTS TO BE FINANCED



PROMOTE COOPERATION IN
THE PACIFIC REGION AND THE
SHARING OF REPLICABLE
SOLUTIONS TO COMMON
PROBLEMS

Eligible Countries

Federated States of Micronesia, **Fiji**, **French Polynesia**, Kiribati, **Nauru**, **New Caledonia**, **Niue**, **Palau**, **Papua New Guinea**, Republic of Marshall Islands, **Samoa**, Cook Islands, **Solomon Islands**, **Timor Leste**, Tokelau, **Tonga**, Tuvalu, **Vanuatu**, Wallis and Futuna



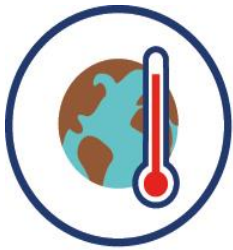
Nature-based solution and Climate Adaption definition and examples

Definition

Nature-based Solutions (NbS) are **defined** by **IUCN** as “actions to protect, sustainably manage, and restore **natural** or modified ecosystems, that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits”.

Addressing societal problems with NbS and Climate Adaptation

A problem solving approach for nature and society



Climate change mitigation and adaptation



Disaster risk reduction



Economic and social development



Human health



Food security



Water security



Environmental degradation and biodiversity loss

Ensure project address societal challenges caused by climate change with nature-based solutions

Applying Nature-based Solutions and climate Adaptation



Demonstrate multiple benefits

The implementation of cost-efficient Nature Based Solutions with measurable and multiple benefits for climate change adaptation, biodiversity and human well being

Explicit Design

The demonstration of the **links between** project **activities/outcomes** and **climate change adaptation**

Examples from Fiji, Timor Leste, PNG.

Hybrid Sea Walls, Fiji

Societal Challenge

- Climate change mitigation and adaptation
- Disaster risk reduction
- Economic and social development
- Environmental degradation and biodiversity loss

Nature based Solution

- Sea wall made of locally sourced boulders
- Mangroves planted in front of the wall, to absorb and contain tidal flows and diffuse waves and storm surges
- Vetiver grass planted behind the wall, to form a strong hedge, its deep roots hold in the soil, and can thrive even in soil inundated by seawater

Benefits

- More effective and less expensive solution to protect communities compared to concrete sea walls
- Mangrove ecosystems also important local source of food, sequester carbon, protect coral reefs by holding in soil, and are home to shellfish and other marine life
- Less erosion of soil and reduced impacts on local food crops



Scaling up climate adaptation strategies, including water source restoration, environmental rehabilitation and sustainable food systems - Timor Leste.

Societal Challenge

- Climate change adaptation
- Water security
- Food security
- Environmental degradation and biodiversity loss

Nature based Solution

Resilient food systems are established and integrated alongside the water restoration and environmental rehabilitation program, including agro-forestry, horticulture, small animal husbandry, and aquaculture, all based on organic permaculture methods.

Benefits

Food security - Water resource availability and quality - Human health - Socio-economic resilience - Risk reduction - Biodiversity conservation



Improving livelihoods through biodiversity conservation and sustainable climate systems

Societal Challenge

- Climate change adaptation
- Water security
- Food security
- Environmental degradation and biodiversity loss

Nature based Solution

- Family homes and livelihood
- Conservatyiun Deed and Nursery
- Tree seedlings and planting

Benefits

Food security - Human health - Socio-economic resilience - Risk reduction - Reduction of invasive alien species - Biodiversity conservation

Conservation Deed & Nursery



Family Homes & Livelihood





KIWA
I N I T I A T I V E

Nature-based solutions for climate resilience

In partnership with:



Pacific
Community
Communauté
du Pacifique



SPREP
Secretariat of the Pacific Regional
Environment Programme



THANK YOU

The Initiative is
funded by:



EUROPEAN UNION



AFD
AGENCE FRANÇAISE
DE DÉVELOPPEMENT

Canada



NEW ZEALAND
FOREIGN AFFAIRS & TRADE
Aid Programme

**Australian
Aid** 

www.kiwainitiative.org