



The Koronivia Story in Fiji

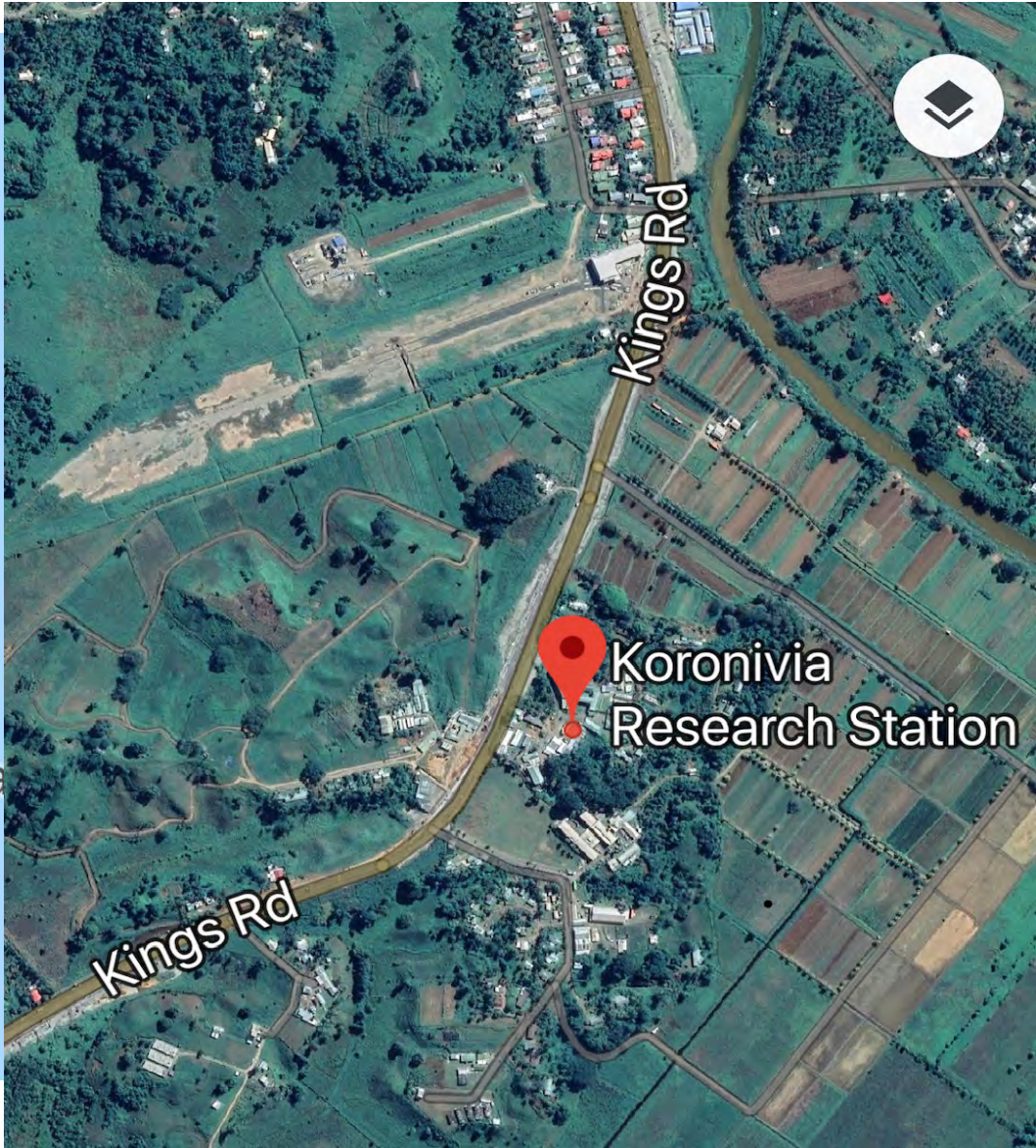
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Fiji on the map



Koronivia in Fiji



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Koronivia meaning

“Koro” – village, community, group

“ni” – the

“Via” – esculentum

- root crop
- saline tolerant
- resilient

Koronivia Research Station

- the HQ for crops and livestock research
- a division of the Ministry of Agriculture (MoA)
- sections include dairy, pig, pasture, feed technology, crops agronomy, crop protection and agricultural chemistry

Overview of MoA

MoA, Fiji has a national responsibility for ensuring sustainable agriculture transformation in the face of changing climate.

The work is intended to lead to:

- ❖ Product diversification (competitive advantage);
- ❖ Private Sector Development;
- ❖ Import reduction & Export promotion
- ❖ Food and Nutrition Security;
- ❖ Poverty reduction and Socio-economic issues
- ❖ Climate adaptation and resiliency

VISION

A modernized agriculture sector providing food and income security for all Fijians.

MISSION

To excel in the provision of customer-focused and market-driven services in the agricultural sector.

**FIVE
AGRICULTURE
DEVELOPMENT
OBJECTIVES**



**MODERNIZE
AGRICULTURE**
Organized System-
Production, Processing
& Marketing

**IMPROVE PROJECT
IMPLEMENTATION &
POLICY FORMULATION
CAPABILITY**
Within the ministry & its
partner institutions

**DEVELOP
SYSTEM INTEGRATION**
For Production,
Processing, Energy &
Transport Infrastructure
Support System for
Agriculture

**IMPROVE SERVICE
DELIVERY**
Improve Delivery of
Agriculture Support
Service

**SECURING
INVESTMENT**
Enhance capabilities to
generate fund & securing
investment through
foreign investment,
private public partnership

MoA Expenditure are driven towards the following output:

Maintaining Food Security through the provision of extension and research services both for livestock and crops.

Quick Economic Recovery through the Implementation of Demand Driven Approach (DDA) and other Commodities.

Assist in Poverty Alleviation by building capacity for farmers to increase production

ROI communities to meet their basic needs, improve living standards through agriculture development.

Achievement of gender equality and empowerment of women through full participation in agriculture development.

Portfolio Leadership, Policy Advice and Secretariat Support

CURRENT SITUATION OF AGRICULTURE SECTOR IN FIJI

28% of Population live in Poverty *(Source: HIES)*

36% of this Poverty Population live in rural areas *(Source: HIES)*

66 % of Rural Population are engaged in Subsistence/ Semi- Subsistence Agriculture *(Source: FBoS)*

Contributed **8.3% (FJD \$541.8m)** to the National GDP in 2015 *(Source: FBoS Macro Table)*



CURRENT DONOR FUNDED PROJECTS

1) Fiji Agriculture Partnership Projects (FAPP) co-funded by IFAD

Objective - Reduce hardship in remote rural communities.

Outcome - Increased and more sustainable incomes; increased volume of sales; increased export earnings; savings from import substitution

Project Location - 7 districts, 41 villages, 2000 households

2. Sustainable Rural Livelihoods (SRL) - 100% grant by EU –
(EDF 11)

Objective - To achieve rural development through an effective transition to a sustainable and diversified agriculture sector

Outcome - Diversified market driven and environmentally friendly agricultural production.

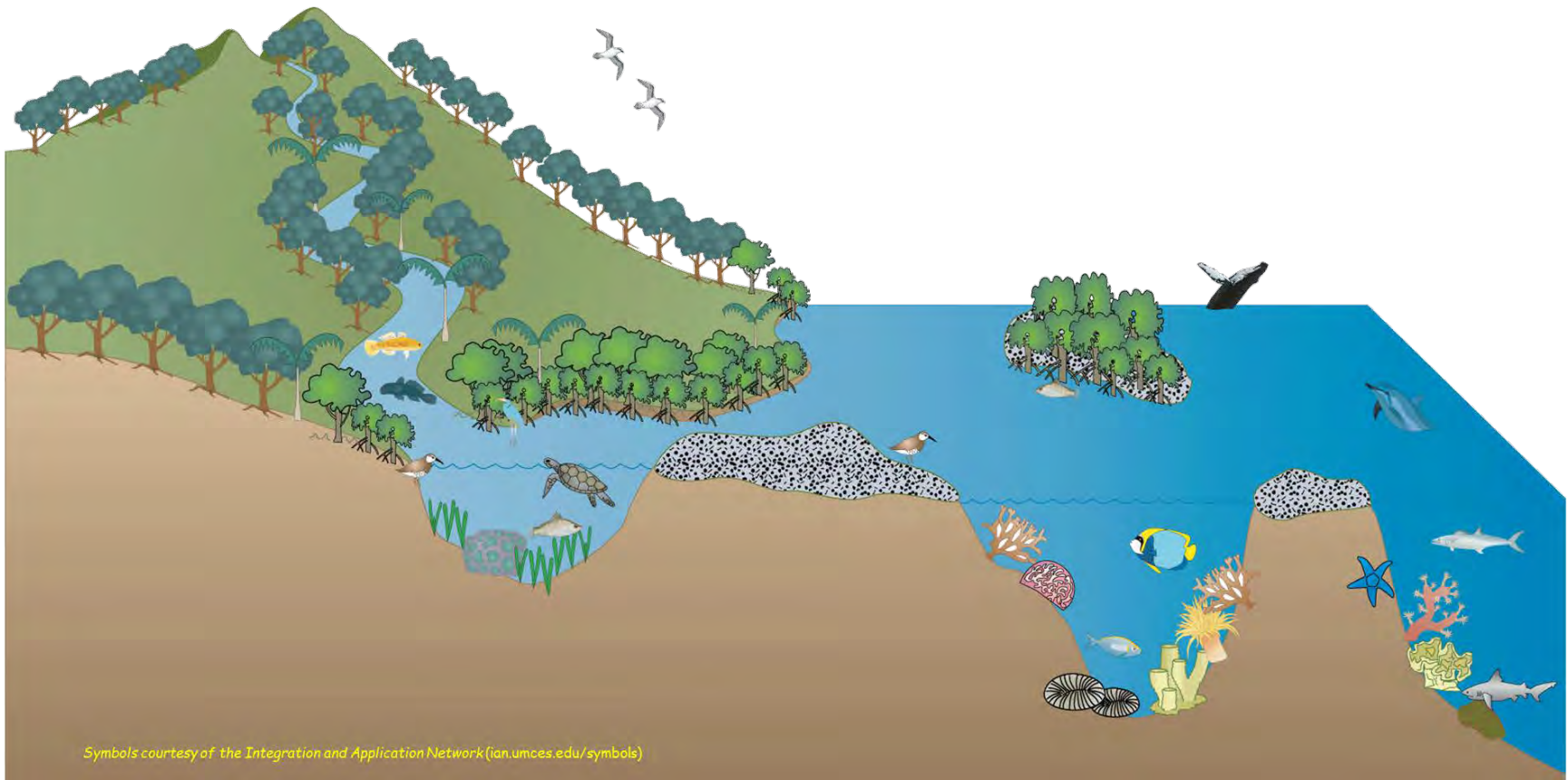
Project Location – sugarcane belt areas

3. Food and nutrition security Impact, Resilience, Sustainability, Transformation (FIRST) – EU/FAO –
Regional Pipeline Project: Solomon Islands, Vanuatu, Fiji

Challenges / Opportunities for AgSol in Fiji

- Market access.
- Pest & Diseases
- High cost of agro inputs (fertilizer, chemicals)
- Land management (SLM, LDN)
- Livestock management (improved breeds & feed)
- Poor Infrastructure including storage/packaging
- Urbanization (youth, labor problem - use of chemicals)
- Agriculture financing (banks, government, policy)

Agricultural land use impact



Symbols courtesy of the Integration and Application Network (ian.umces.edu/symbols)

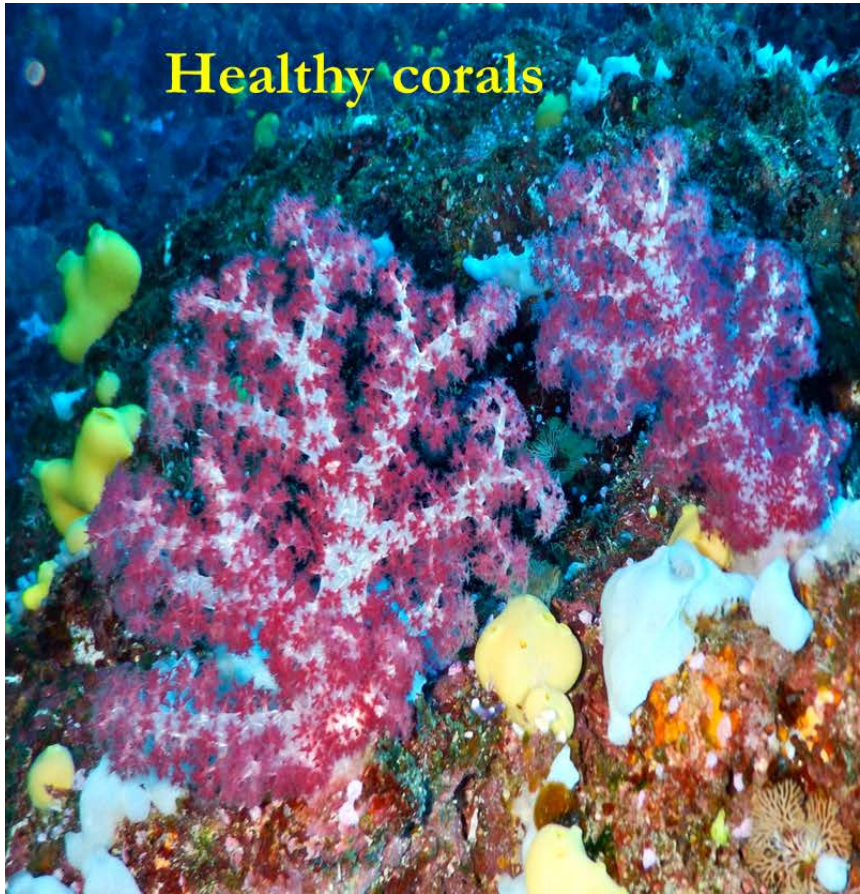
raindrop impact damage



Soil Loss

Watershed	Soil loss (tons/ha/year)	Total loss (million tons/year)
Rewa	32.2	9.3
Ba	69.0	6.4
Sigatoka	76.9	1.1
Nadi	81.4	4.2

Impact of Flood Sedimentation & Unsustainable Fishing





Waciwaci Village, Lakeba, Lau, Fiji

- Coastal erosion
- Salt water intrusion
- Village will be relocated
- Funding required
- Food security issues
- Mangroves forest establishment





FUTURE POTENTIAL AREAS OF WORK

- Human capacity development - Technical assistance, knowledge exchange, Staff Training
- Technology needs assessment for climate change adaptation and mitigation in agriculture
- Funding for relocation of communities, adaptation programs and mitigation to some extent