



# Pacific Breadfruit Project

## 2024 Annual Report Fact Sheet

### 1. Project Overview

- **Project Title:** Pacific Breadfruit Project (PBP)
- **Funding:** EU-Funded Grant N°: FOOD/2021/428-932 + FED/2021/428-937
- **Implementing Agency:** Pacific Farmer Organisations (PFO)
- **Countries:** Fiji Islands, Tonga, Cook Islands, Solomon Islands, Papua New Guinea
- **Duration:** January 1, 2022 - December 31, 2026
- **Focus:** Revitalizing breadfruit cultivation, processing, marketing, and utilization, enhancing food security, economic empowerment, cultural preservation, and environmental resilience.

### 2. Key Themes and Achievements

- **Farmer-Led Research:** The project has successfully employed a farmer-led action research approach, reducing costs and increasing partner contributions. Plans are in place to scale up activities in 2025.
- **Agroecological Approaches:** Integration of traditional knowledge with modern techniques, including intercropping, agroforestry, and organic practices.
- **Stakeholder Engagement:** Strategic partnerships with government ministries, farmer organizations, and research institutions have bolstered adoption of breadfruit as a climate-resilient crop.
- **Inclusivity:** Active engagement of women and youth, with 667 farmers reached in 2024 (348 men, 319 women, and 127 youth).
- **Capacity Building:** Training on pruning, harvesting, processing, and sustainable farming methods.
- **Climate Resilience:** Promoting breadfruit as a climate-resilient crop with practical applications in food security and income generation.
- **Market Development:** Strengthening breadfruit value chains through improved processing and value-added products.

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### 3. Country-Specific Activities and Results

#### Tonga:

- Workshops on harvesting and pruning with Nishi Trading Ltd.
- Establishment of a one-acre breadfruit agroforestry demonstration plot.
- "Spot a Breadfruit Tree" survey and social media outreach conducted.
- "Mei Day" community engagement event held.
- A rare variety of breadfruit discovered in Vava'u.

#### Fiji Islands:

- Tutu Rural Training Centre (TRTC) established a breadfruit nursery and gene bank with 12 varieties.
- Training on processing breadfruit flour and pasta, with new equipment acquired.
- Soil improvement experiments using organic mulching and biochar.
- Value addition trials, including sun-drying and flour production.

#### Solomon Islands:

- Agroforestry systems integrating breadfruit and root crops established.
- MOUs with Luesalo RTC and Kenelo Farm to advance research.
- Identification of 33 breadfruit varieties in Honiara.
- On-farm trials to identify superior varieties and improve grafting techniques.

#### Papua New Guinea:

- PNG Women in Agriculture Development Foundation (WIADF) engaged women in breadfruit production and value addition.
- Collaboration with PNG National Agriculture Research Institute (NARI) on genetic diversity research.
- Establishment of nurseries at Leron and Aronis.
- Launch of a Chicken Project to support farmer income.

#### Cook Islands:

- Smallholder agroforestry initiative launched for breadfruit variety documentation.
- Pest and disease management trials conducted.

### 4. Specific Objectives and Indicators

- **Objective 1:** Improved promotion of farmer-led research on agroecological approaches.
  - **Progress:** Formal agreements established in Tonga, Solomon Islands, and PNG.
- **Objective 2:** Increased capacity in action research for agroecological innovation.
  - **Progress:** 1,509 farmers trained.
- **Objective 3:** Adoption of innovations for sustainable and resilient agri-food systems.
  - **Progress:** 176 farmers adopting new practices.

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TUTU  
RURAL TRAINING CENTRE

NISHI  
TRADING  
Goodness Grown in Tonga  
L'Esprit de l'Agroforesterie



breadfruit  
people

## 5. Challenges and Risk Management

- **Climate-Related Challenges:** Weather delays impacting research activities.
- **Capacity Building Needs:** Additional technical support required for data collection and agroforestry techniques.

## 6. Stakeholder Cooperation and Engagement

- Strong relationships with lead farmer organizations in each country.
- Tonga integrating breadfruit into MAFF's annual Agricultural Survey.
- PNG WIA's Chicken Project supporting farmer income.

## 7. Gender, and Environmental Sustainability

- **Gender:** Encouraging active participation of women and youth in decision-making.
- **Environmental Sustainability:** Adoption of organic practices and regenerative farming techniques.

## 8. Communication and Visibility

- Active social media engagement via Facebook and YouTube.
- Use of hashtags #FOledResearch and #WeAreAgriCord.

## 9. Key Quotes

- "The farmer-led research approach has significantly reduced research costs."
- "Cooperation agreements across multiple countries ensure sustainable breadfruit farming in the Pacific."
- "Participation of women and youth has been particularly significant in breadfruit farming and value-added activities."

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TUTU  
RURAL TRAINING CENTRE

NISHI  
TRADING  
Goodness Grown in Tonga  
Local Trade Partners



breadfruit  
people



## 10. Pictorial



The Pacific Breadfruit Project employs farmer field trials and demonstration plots as a core strategy for evaluating diverse breadfruit production systems and farming practices. This cost-effective approach has led to high adoption rates among farmers, as the sites are distributed across the islands and managed by respected community members.

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The Pacific Breadfruit Project addresses farmers' challenges by evaluating practical solutions. In Fiji, harvesting breadfruit from tall trees is highly labor-intensive, and fruit damage is common. By implementing labor-saving pruning techniques, farmers can significantly reduce harvest time and minimize fruit damage.

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Collaboration is a core principle of the Pacific Breadfruit Project. At the 2024 Breadfruit Festival, farmers, researchers, and community organizations come together to share knowledge on breadfruit propagation, helping communities expand breadfruit diversity and extend the fruiting season.

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Farmer-to-farmer exchanges are a key strategy of the Pacific Breadfruit Project, fostering knowledge-sharing based on the principle of reciprocity. In this approach, there are no single experts—each farmer contributes their experience and insights, creating a collaborative learning environment.

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Breadfruit value chain development under the Pacific Breadfruit Project is making a significant impact, as processors refine production methods, reduce costs, and enhance profitability while improving consumer access to breadfruit products.

**For more information on the Pacific Breadfruit Project check us out [www.pacificfarmers.com](http://www.pacificfarmers.com) and follow us on social media @pacificfarmers**

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