

# Solomon Islands solar cold storage

Why is food spoilage a problem in Solomon Islands?

The spoilage of perishable food in complex environments is a problem occurring in many contexts and food systems around the world. In Solomon Islands, the transportation and distribution of highly perishable fresh foods from the garden or sea to the urban marketplace are difficult and expensive.

Do women's groups promote socially inclusive development in Solomon Islands?

In Solomon Islands, women's groups play an important role in promoting socially inclusive development and women's empowerment. In this paper, we summarise the experiences of a 5-year participatory action research partnership to enhance rural livelihood activities based on aquatic foods.

What goods are stored in a solar-powered freezer?

Each zone operating a solar-powered freezer stored a variety of goods (Fig. 7), including different types of aquatic foods such as fish, invertebrates, shells and turtle. A total of 39 000 kg of fish was stored in the freezers, representing 32% of all the goods stored across the zones.

Are rural women ignoring fish-based livelihood practices in Solomon Islands?

Despite these widespread investments and planning, rural women in Solomon Islands still report that their fish-based livelihood practices are ignored (Ride et al., 2020).

Women's group in the Solomon Islands are leading the way in community-driven innovation with the introduction of solar-powered freezers. A recent paper, co-authored by WorldFish researchers, provides an in-depth ...

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He says the entire cold chain -- from point of harvest to point of sale, including production, transportation, handling and storage -- has to work seamlessly in order to protect seafood quality.

We test the hypothesis that solar powered freezers will generate positive changes in dietary patterns among rural women using women's minimum dietary diversity (MDD-W) methodology and logbooks of freezer storage.

AUSTRALIA has announced support to Superfly Ltd., a leading solar power provider in Solomon Islands to



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subsidise the cost of solar-powered freezer units for 30 small businesses across Solomon Islands.

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Across these nearly 1,000 small islands, women play a crucial role in fisheries and fish value chains. Introducing solar-powered freezers to these women is helping to improve fish storage and bolsters their sense of ownership in their small businesses.

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that participated in this research identified solar-powered freezers as an innovation suitable to their skills and environment. The 12 freezers we used in our partnership to pilot this innovation had tangible benefits.

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The Solomon Islands Renewable Energy Development Project plans to finance new solar farms in Guadalcanal and Malaita provinces, along with a utility-scale grid-connected energy storage system in Honiara, the country's capital. It will also support a pilot for rooftop solar at two regional schools.

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