



## Building Resilient Coastal Communities in Mindanao

### RESULTS

- **100 seaweed farmers** benefitted from **new seaweed treatments introduced** by the project. **Treated seedlings** are able to **withstand increases in water temperature, grow faster** than non-treated seedlings, are **less susceptible to ice-ice disease** and are more likely to **survive an epiphytes infection** than non-treated seedlings.
- **114 seaweed farmers increased their yields** of vegetables, beans and fruits by **50 kilograms per production cycle, increasing income by 13.5%**.
- The project provided the inputs to establish **5 communal vegetable gardens**, 4 of which generated **additional income** for members. These gardens also increased the **supply of vegetables for community consumption**.
- **462 households are depositing portions of their income** from fishing, seaweed farming and vegetable gardening **into savings accounts**. These savings are being used for their children's education and calamity insurance premiums.

### RESILIENT COMMUNITIES

- 11 barangays were trained on **4 climate adaptive livelihoods technologies**: garden rain-shelters, mulching, elevated gardening and treated seaweed seedlings. Field guides on these technologies were produced for future learning.
- These communities were also trained in **monitoring** local weather patterns, sea levels and sea salinity to increase their **ability to assess climate risk and self-manage appropriate interventions**.
- **12 Social Protection Committees** within the larger fishers' organizations were **mobilized and trained** to educate communities about **savings accounts and the importance of household fiscal management plans** to guard against calamity.
- **1,000 individuals formulated household development plans**, integrating savings and climate change adaptation-disaster risk reduction technologies and activities.



### QUICK FACTS

Lutheran World Relief has been strengthening the resiliency of coastal communities in Hinatuan Municipality on the island of Mindanao in the Philippines since 2001.

In partnership with CERD, LWR aimed to build the capacity of Hinatuan's rural coastal communities to:

- reduce and manage risks and vulnerabilities associated with coastal hazards
- cope and recover from shocks
- adapt to climate change

This project aimed to accomplish this goal through:

- ensuring communities secured production capital through savings and calamity insurance
- promoting the diversification of sources of income with vegetable gardening
- employing climate change adaptive livelihood technologies

*LWR has been working in Philippines since the 1960s, strengthening the resiliency of communities against natural disasters and assisting with livelihood adaptations to climate change.*

**LOCAL PARTNER:** Center for Empowerment and Resource Development (CERD)

**PROJECT PERIOD:** May 2013 – September 2014

**FUNDING:** \$ 125,000