

Mangrove restoration, honey livelihoods and disaster preparedness for coastal villages in Aceh Timur

INDONESIA · Aceh · Idi Rayeuk

CATEGORY

NATURAL SYSTEMS

MARINE ECOSYSTEMS

PRIMARY HAZARDS

Storm damage · Changes to marine conditions

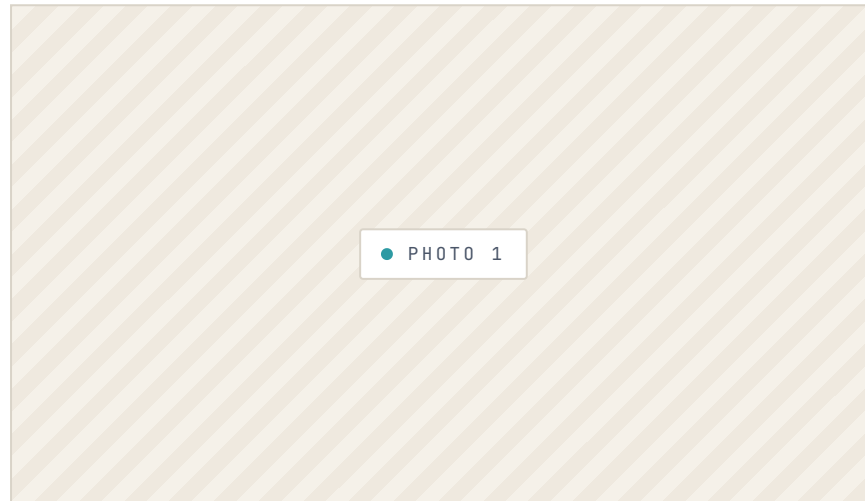
MOBILITY DIMENSION

Avoided displacement

RICD RISK TIER



Very high



● PHOTO 1

GRANT RECIPIENT

Yayasan Konservasi Alam Timur Aceh (YAKATA)

PARTNERS

Leuser Conservation Forum · Kuala Peudawa Puntong Village · Government of Aceh Timur

TOTAL PROJECT VALUE

44,844 USD

12 months

50%	CCF GRANT	22,422 USD
50%	MATCHING FUNDS YAKATA (in-kind)	22,422 USD

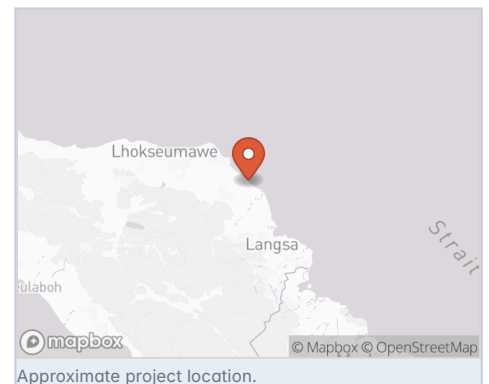
Context and approach

Aceh Timur's 62-kilometre coastline is among Indonesia's highest-risk areas for climate displacement. Sea level rise, tidal flooding and erosion have threatened over 3,000 households, while mangrove cover has fallen from 23,210 hectares to under 9,000.

YAKATA combines nature-based protection with village governance: restoring 3 hectares of mangroves through community nurseries, establishing kelulut honey enterprises compatible with conservation, and forming village disaster committees with contingency plans embedded in development regulations.

Project outputs

- Rehabilitate 3 hectares of degraded mangroves across three coastal villages
- Install 45 kelulut beekeeping units managed through women's and youth cooperatives
- Form three village disaster committees with contingency plans and evacuation maps
- Enact village regulations on coastal management and early warning
- Restored mangroves reduce erosion, saline intrusion and flooding along the coast
- At-risk households earn conservation-compatible income from honey enterprises
- Preparedness is embedded in village plans so communities can remain safely in place



Approximate project location.

Reach & deliverables

2,143 ESTIMATED POPULATION IMPACTED Idi Rayeuk coastal villages	3 ha MANGROVES RESTORED across three villages	45 BEEKEEPING UNITS kelulut honey cooperatives
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Milestones

12 MONTHS TOTAL

M.01 2 months Community consultation and co-financing confirmation	M.02 3 months Mangrove nurseries established and 3 ha restored	M.03 3 months Kelulut honey livelihood enterprises launched	M.04 4 months Disaster preparedness, advocacy and contingency planning
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