

Coral Bay

COUNTRY PROFILE



COUNTRY INFO

A tourism dependent island nation with pristine beaches and coral reefs.

The country faces an existential threat from rising seas and hurricanes



POPULATION: 85,000



GDP: \$1.2 BILLION



INDUSTRY: TOURISM (65%)



GOV BUDGET: \$180 MILLION P.A.



PUBLIC DEBT: \$936 MILLION



CREDIT RATING: B+

CLIMATE RISK ASSESSMENT

- 40% of land less than 2 m below sea level
- Cat 4-5 hurricanes every 3-4 years, intensity predicted to increase
- Coral bleaching threatening tourism industry
- Saltwater intrusion into freshwater supplies
- Airport runway floods during king tides

INVESTMENT PRIORITIES AND COSTS

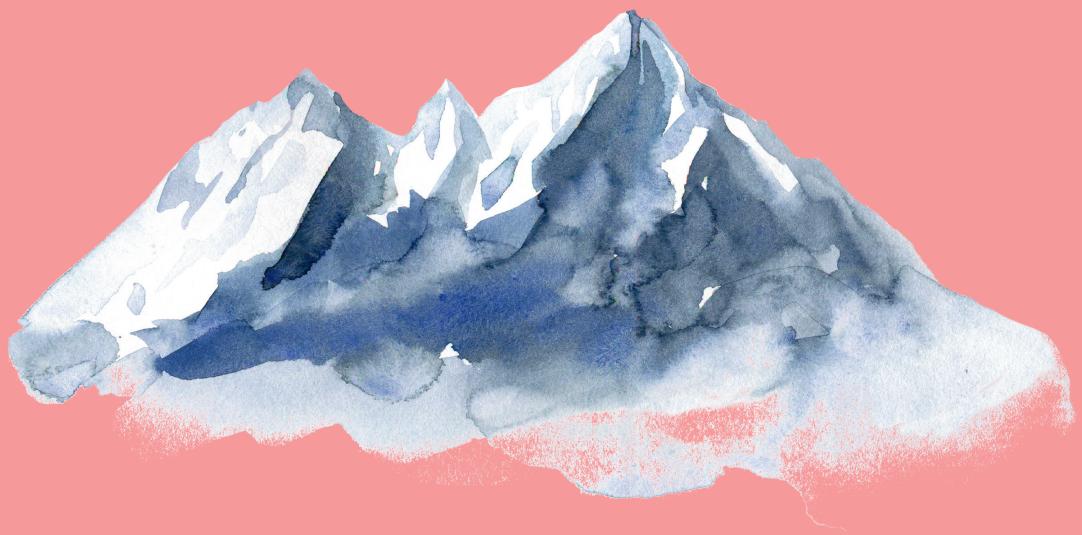
- [Near Term] Coastal road erosion – \$12 million to relocate
- [Near Term] Hospital exposed to storm surge – \$8 million to relocate
- [Near Term] Tourism infrastructure at risk – \$25 million for sea walls
- [Medium Term] Renewable energy transition (90% fossil fuels) – \$45 million
- [Medium Term] Water security infrastructure – \$15 million
- [Medium Term] Climate-resilient agriculture – \$6 million

FINANCIAL CONSTRAINTS

- Limited fiscal space due to high debt burden
- Tourism revenue volatile due to climate impacts
- Speculative grade credit rating limits borrowing options
- Annual climate budget allocation: \$8 million

Mont Verde

COUNTRY PROFILE



COUNTRY INFO

A resource-rich, mountainous country that depends on mining, agriculture, and manufacturing, but faces increasing climate volatility for all sectors



POPULATION: 450,000



GDP: \$8.5 BILLION



INDUSTRY: MINING(35%), AGRICULTURE (30%), MANUFACTURING (20%)



GOV BUDGET: \$1.2 BILLION P.A.



PUBLIC DEBT: \$5.27 BILLION



CREDIT RATING: BBB-

CLIMATE RISK ASSESSMENT

- Increased frequency of extreme weather events
- Landslides and flooding from intense rainfall
- Drought affecting agriculture and hydropower
- Sea level risk impacting coastal industrial zones
- Temperature increases reducing agricultural productivity

INVESTMENT PRIORITIES AND COSTS

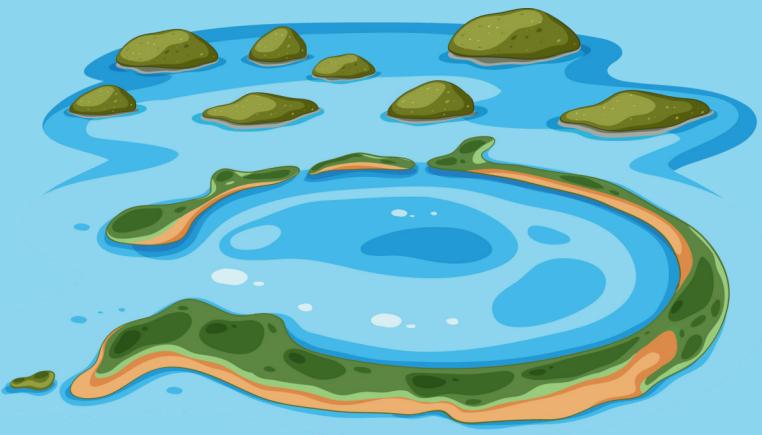
- [Near Term] Industrial zone flood protection - \$35 million
- [Near Term] Agricultural adaptation programs - \$20 million
- [Near Term] Infrastructure resilience upgrades - \$45 million
- [Medium Term] Sustainable mining practices - \$80 million
- [Medium Term] Climate-smart agricultural transformation - \$60 million
- [Medium Term] Renewable energy expansion - \$120 million

FINANCIAL CONSTRAINTS

- Commodity price volatility affects revenues
- Environmental restoration costs from mining
- Investment grade credit rating means good borrowing capacity
- Annual climate budget allocation: \$35 million

Atoll Republic

COUNTRY PROFILE



COUNTRY INFO

An extremely low-lying nation of coral atolls that is one of the most climate-vulnerable countries on Earth. A small population highly dependent on fishing and remittances.



POPULATION: 35,000 (12 ATOLLS)



GDP: \$450 MILLION



INDUSTRY: FISHING (40%), REMITTANCES (35%), TOURISM (15%)



GOV BUDGET: \$65 MILLION P.A.



PUBLIC DEBT: \$428 MILLION



CREDIT RATING: NOT RATED

CLIMATE RISK ASSESSMENT

- Average elevation: 1.2 meters above sea level
- Existential threat from sea level rise
- Extreme vulnerability to storm surge (increasing typhoon frequency)
- Freshwater lens contamination from saltwater
- Ocean acidification affecting fish stocks

INVESTMENT PRIORITIES AND COSTS

- [Near Term] Relocation of 3 communities - \$20 million
- [Near Term] Freshwater infrastructure - \$8 million
- [Near Term] Food security measures - \$5 million
- [Medium Term] Potential partial population relocation - \$150 million
- [Medium Term] Climate-resilient fisheries - \$12 million
- [Medium Term] Renewable energy transition - \$25 million

FINANCIAL CONSTRAINTS

- Extremely limited fiscal capacity
- High dependence on external aid
- Very limited market access (no credit rating)
- Annual climate budget allocation: \$2 million
- High per-capita adaptation costs due to small population

Finislands

COUNTRY PROFILE



COUNTRY INFO

A diversified archipelago economy built on financial services, agriculture, and tourism. Country has drought-affected outer islands and faces increasing hurricane risks.



POPULATION: 125,000



GDP: \$2.8 BILLION



INDUSTRY: AGRICULTURE (25%), FINANCIAL SERVICES (45%), TOURISM (20%)



GOV BUDGET: \$420 MILLION P.A.



PUBLIC DEBT: \$1.26 BILLION



CREDIT RATING: BB

CLIMATE RISK ASSESSMENT

- Increasingly severe droughts (agriculture-dependent outer islands)
- Category 3-4 hurricanes every 2-3 years (increasing intensity in future)
- Rising temperatures affecting financial sector workforce
- Sea level rise threatening main port infrastructure
- Extreme rainfall events causing landslides

INVESTMENT PRIORITIES AND COSTS

- [Near Term] Port infrastructure upgrades needed - \$18 million
- [Near Term] Drought-resistant agriculture systems - \$10 million
- [Near Term] Enhanced early warning systems - \$5 million
- [Medium Term] Diversification of outer island economies - \$35 million
- [Medium Term] Renewable energy for all islands - \$65 million
- [Medium Term] Climate-resilient transportation links - \$40 million

FINANCIAL CONSTRAINTS

- Better fiscal position but dispersed geography increases costs
- Outer islands economically dependent on main island transfers
- Moderate borrowing capacity (borderline speculative credit rating)
- Annual climate budget allocation: \$15 million

Valleyland

COUNTRY PROFILE



COUNTRY INFO

A fertile valley nation with agriculture export reliant economy, making it extremely vulnerable to changing weather patterns. Economic dependence means climate shocks can create cascading economic crises



POPULATION: 180,000



GDP: \$2.1 BILLION



INDUSTRY: AGRICULTURE (55%)



GOV BUDGET: \$320 MILLION P.A.



PUBLIC DEBT: \$1.51 BILLION



CREDIT RATING: B+

CLIMATE RISK ASSESSMENT

- Extended drought periods destroying crop yields
- Unpredictable rainfall patterns disrupting planting cycles
- Extreme heat stress reducing crop productivity
- Pest and disease pressure increasing with temperature changes
- Hurricane/storm damage to export crops

INVESTMENT PRIORITIES AND COSTS

- [Near Term] Irrigation infrastructure upgrades – \$25 million
- [Near Term] Crop diversification and climate resilient varieties – \$15 million
- [Near Term] Agriculture storage and processing facilities – \$18 million
- [Medium Term] Transformation to climate-smart practices - \$60 million
- [Medium Term] Economic diversification – \$45 million
- [Medium Term] Rural infrastructure resilience (roads, storage) - \$35 million

FINANCIAL CONSTRAINTS

- Export earnings highly volatile due to weather and global commodity prices
- Limited fiscal buffers during poor harvest years
- Speculative credit rating (agricultural volatility constrains rating)
- Annual climate budget allocation: \$8 million
- Competing priorities between short-term farmer support and long-term adaptation