

Using innovative financing to safeguard the cornucopia of ecosystem services coming from oceans and coasts

Blue finance

Marine Ecosystem Services (MARES) Program
Forest Trends



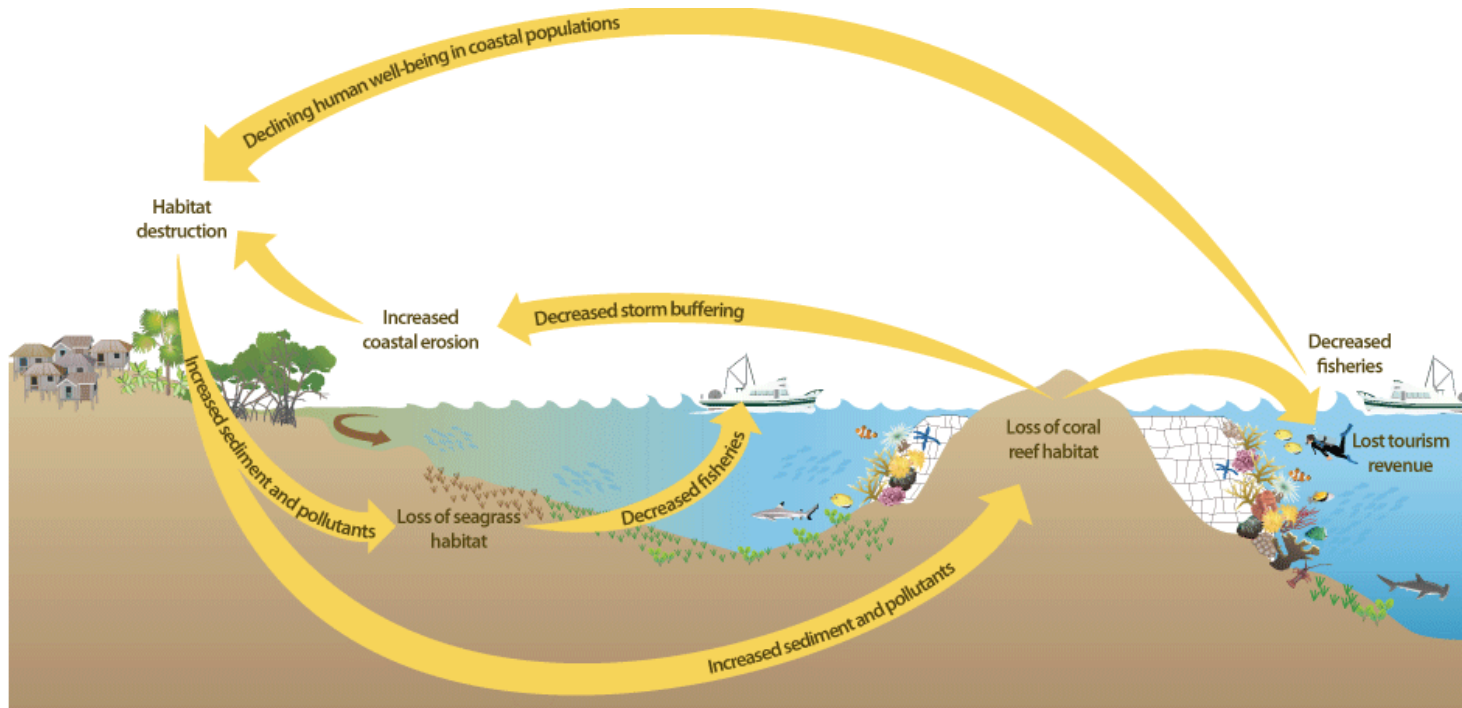
Marine natural capital goes well beyond resources harvested from the sea



Valuable ecosystem services include:

- * Shoreline stabilization
- * Beach production and maintenance
- * Support to fisheries (estuarine, coastal, and pelagic)
- * Waste filtration
- * Carbon sequestration
- * Safe harbors and waterways
- * Water, water balances, flood control
- * Sites for maritime industry development (wind, wave, biofuel; aquaculture; desalination; tourism, etc.)
- * Livelihoods for local people
- * Opportunities for learning, connecting with nature

Recognizing and Maintaining Connections



Marine means coastal, too



Tools to invest in natural capital

- * Community-managed areas
- * Small marine protected areas (MPAs)
- * Large, multi-use MPAs and MPA networks
- * MSP and Ocean Zoning in wider regions
- * EBM or Integrated watershed and marine management:

eg - watershed management, land and agricultural use, coastal management, fisheries, sustainable tourism development, protection of tenure, sacred spaces, and heritage areas

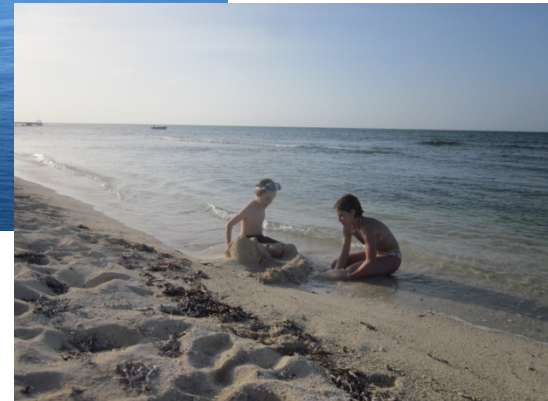
But, all of these potentially successful interventions require resources

- * As we scale up to EBM, management requires more funding across a complex array of activities
- * Management budgets increasingly squeezed
- * Cost burden falls to governments, which are sometimes reluctant to take responsibility
- * Innovative financing can generate new sources of revenue for conservation and management
- * Engagement of private sector goes beyond funding!

Investment in natural capital (INC) makes business sense

- * Carbon credit generation and offsetting carbon emissions
- * Payments for Ecosystem Services (PES) to safeguard habitats providing multiple services
- * Payments for watershed services (PWS) to assure water quality and flows
- * Biodiversity offsets

Beach production and maintenance



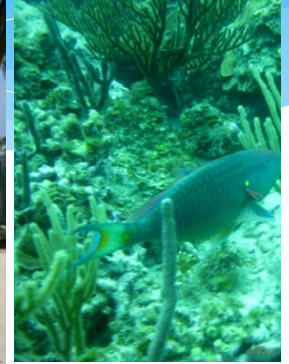
Marine Payments for Ecosystem Services (PES)



\$

\$

\$



Robust economic analyses support:

- * Raising awareness about values and/ or impacts that human use has on those impacts
- * Facilitating the understand of trade/offs
- * Helping to establish priorities for conservation
- * Steering restoration efforts
- * Attracting private sector investment

Thank you

