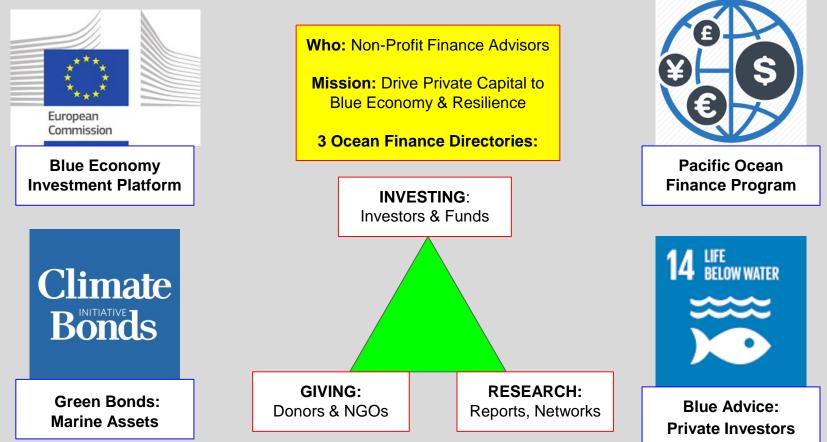


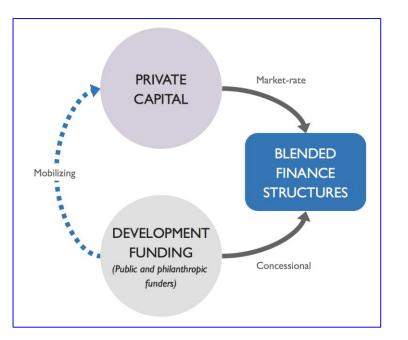
Financing Resilient Atolls: Strategies & Tools for Success

Presentation by D. Michael Adams ADB Resilient Atolls, High Level Dialogue Maldives, August 29, 2019

Ocean Assets: Our Work



Your Funding Solution: Impact Investment



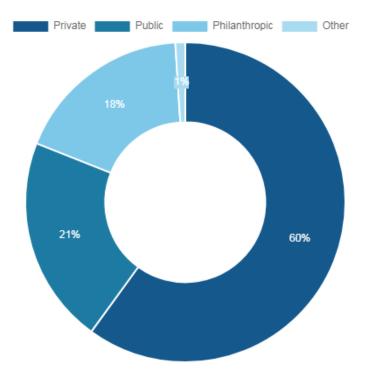
- **\$500bn** Impact Investments
- 1300 investors worldwide
- Green Bond market: \$200bn
 High demand = Supplier Power

Definition:

- **ESG Returns:** Enviro, Social & Governance goals / audits
- Financial returns: Above or Below Market
- Alignment: SDGs, communities, investors

Blended Finance: Over \$133bn for 480 transactions since 2000 Source: Convergence.Finance

Who Are Impact Investors?



60% of investors are private

> Half of these have an impact mandate

Most private investors are:

- Asset & Wealth Managers
- Pension Funds
- Private Equity Managers

Most public investors are:

- Development Finance Institutions
- ➢ Governments
- Multilateral Groups

Philanthropies: Private Foundations dominate

Making Impact Investors



Opportunity

- ★ Real Assets
- ★ Under-Valuation
- ★ Massive Size
- ★ Diverse Sectors
- ★ Market Demand
- ★ Regional Initiatives
- ★ Blue Demand: Diversify vs Land

Risk Control

- > Good Governance
- Spatial Planning
- All Stakeholders
- > Secure Tenure
- Insurance Coverage
- Long-Term Planning
- Blended Finance



- Financial Upside
- Limited Downside
- Valuation Surprise
- Impact Mandates
- Long-term value
- Blue First-Movers
- Scale-Ability: > \$100mn

What do Impact Investors Want?

The Checklist

Issuer Quality	\checkmark	 Credit Rating Public vs Private Governance: Projects & Vehicle
Project Quality	\checkmark	 Cash Flows: Preferably Direct Impact Metrics & Tech Support End Game: Assets, Investors
Structure	\checkmark	 Issue size: Institutional needs Debt, Equity & Results-based Tenor, Tranches, Liquidity
Risk Control	\checkmark	 Blended Finance tools Insurance tools Co-Investors

Solving the SIDS & Blue Economy Funding Gap

Risk Transfer

It's Time to Transfer Risk from:

Public Se

Finance Tools include:

- Blended Finance to De-Risk Investments
- All: Bonds, Project Finance, Loans, Equity
- Project Selection for Sustainable Oceans
- Infrastructure for Climate Realities

Understanding what Private Investors need

Private Capital Solution

- SDG Funding Gap in Developing Countries:
 \$2.5TR from Private Investors = 90% of total
- Global Resilience Insurance Gap:
 Insured vs Economic Losses > \$1.8TR / year
 Developing nations coverage: Only 10%
- Insurance Tools include:

Regional Risk Pools, Nature-based Insurance, CAT Insurance/Bonds, Resilience projects funded by premium savings

Scoring Ocean Revenues / Ocean Health: Guide for Atoll & SIDS Investments

 High Ocean Economy Exposure & High Negative Contribution: Oil & Gas Seabed Mining Unsustainable Tourism & Fishing Brown Shipping 	 High Ocean Economy Exposure & High Positive Contribution: Sustainable Fishing & Aquaculture Green Ports & Green shipping Blue Natural Capital & Resilience Sustainable Tourism & Green Buildings
 Low Ocean Economy Exposure & Low Negative Contribution Social Infra: Health, Education Sustainable local food production 	 Low Ocean Economy Exposure & High Positive Contribution 100% Renewable Energy Sustainable Waste & Water Mgt Coastal/Island Green Infrastructure Financial & Data Services

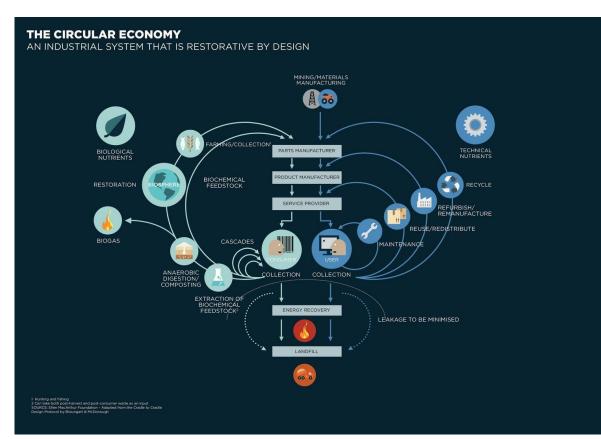
The Matching Game

Challenges	Projects	Instruments	Investors
Enabling Conditions by Industry	Tourism, Fishing, Biotech, Energy, Maritime, Extractives, Digital, Services	Private issuers: bonds loans, equity, project finance - with risk mitigation	Impact investors for market returns
Infrastructure Growth & Adaptation	Water, Sanitation, Telecomms, Health, Transport, Housing	Public-Private issuers with risk mitigation & technical assistance	Sovereigns + MDBs to attract private investors
Climate Resilience: Relief/Reconstruct	Sea Barriers, Storm Preparation, Health, Land Reclamation	Public issuers plus insurance products	Same as above plus insurers + donors
Natural Capital Valuation & Mgt	Restoration, Prevention, Ecosystem Services	Same as above	Same as above

Investment Vehicles: Pros & Cons

1	Sovereign Bond & DfN Swap	Sov: New capital, new investors. DfN: Debt savings, local control, no new debt, focus on conserv.	Sov: Too small & need cap guarantees DfN: Loss of general finance & need donors/TA. Both: Cost/time, No scale
2	MDB & Privately issued Green Bond	MDB: Quality, rate, guarantee. Private: Industry/community Both: Direct cash flows & KPIs	MDB: Limited resources - funds & mgt Private: Guarantees often needed Both: Project risk. Setup cost/time.
3	Project Finance & Syndicated Loan	PF: Non-recourse infra finance. SL: Bigger scale with bank group Both: Lower setup cost & time	PF: Rev-generating projects onlySL: Higher rate than bondBoth: Strict controls. Limited funding.
4	CAT Insurance & Natural Cap insurance	CAT: Fast payment if parametric NC: Prevention/restoration trust funded by business & donors	CAT: Premiums. No prevention finance NC: Industry commitment & donor
5	Resilience Bond / Insurance & Region Risk Pool	RBI: Fund prevention projects from CAT premium savings RRP: Shared risks & premiums	RBI: Fantasy? Valuation models, insurers & investors not ready. RRP: Limits of MDB & donor support

Failure = LinearNew Imperative:Success = CircularTransition Now to Circular Economy





See Appendix for fact sheets: 3 model bonds relevant to Atolls

Our expert team is available to help Advise, structure & raise capital For coastal & island resilience

Thank you

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