Climate change adaptation and disaster risk reduction

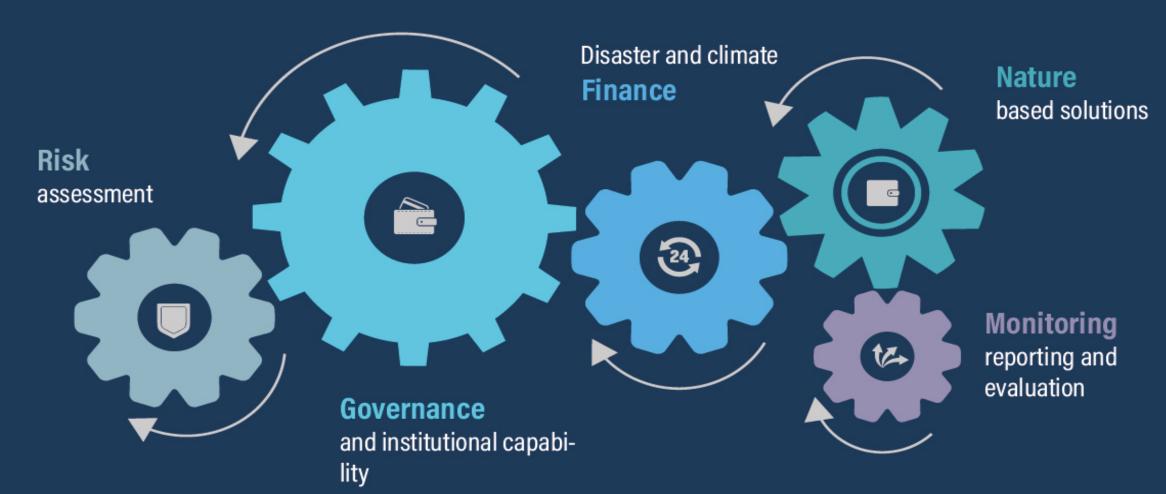
Financing Nature-based solutions

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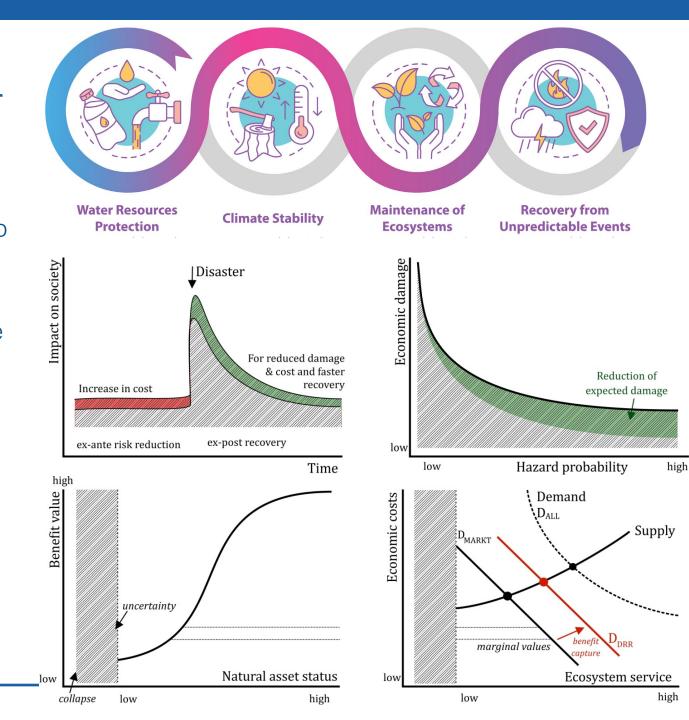
Ecosystem services

Ecosystem services have an economic value in the context of DRR and CCA, even if no price actually is paid for their provision and/or maintenance.

The failure to account for their true social value leads to market distortion and, ultimately, insufficient level of protection.

Comprehensive financial protection strategies combine various financial instruments - such as contingency funds, contingent loans and grants, and risk transfer solutions.

Risk-based actuarial pricing can provide incentives for investments in loss reduction. Catastrophe bonds are fully collateralized instruments that pay off on the occurrence of a defined catastrophic event. Resilient impact bonds remunerate investors based on how well resilient measures are implemented, according to predefined performance indices.



Risk financing by means of nature-based solutions

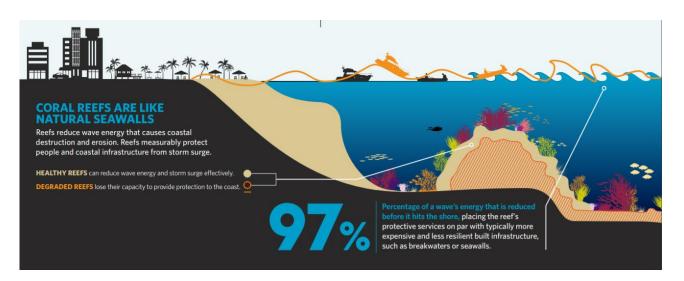
Green bonds

- debt instrument focusing on environmentallyfriendly or sustainable initiatives - green infrastructure, water management, biodiversity,
- e.g. water utility may issue green bonds to finance green infrastructure to reduce pluvial flood hazards; repaid by stormwater fee,

6. Bond Issuers pays Producer based 7. Bond Issuer repays bond on outcomes generated 1. Bond Investors 2. Bond Issuer 3. PFP Contract 4. Producers 5. Environmental provide initial provides defines payment implement projects Outcomes are capital upfront capital achieved & verified

Management trust and coral reef Insurance

- Coastal zone management trust established with support of The Nature Conservancy (TNC) to bring new private capital to coral reef and beach protection and restoration in Cancún and Puerto Morelos, Mexico,
- Parametric insurance scheme for the reef established with Swiss Re paid by the Trust





Thank you for your attention!

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