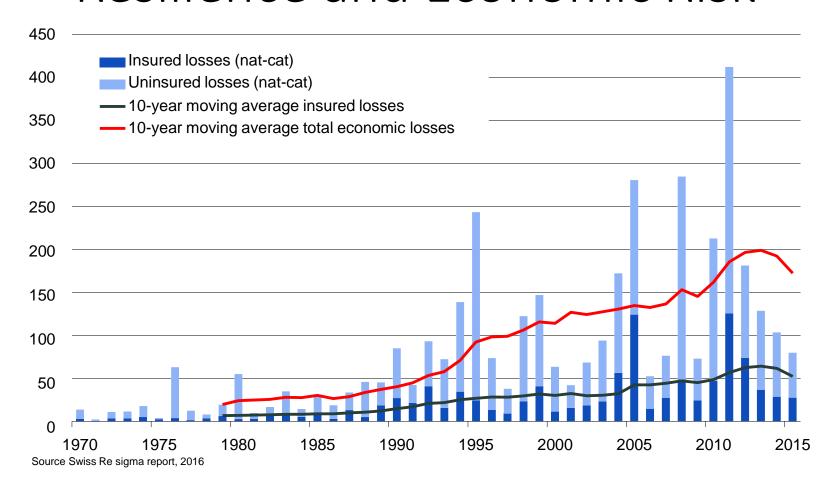


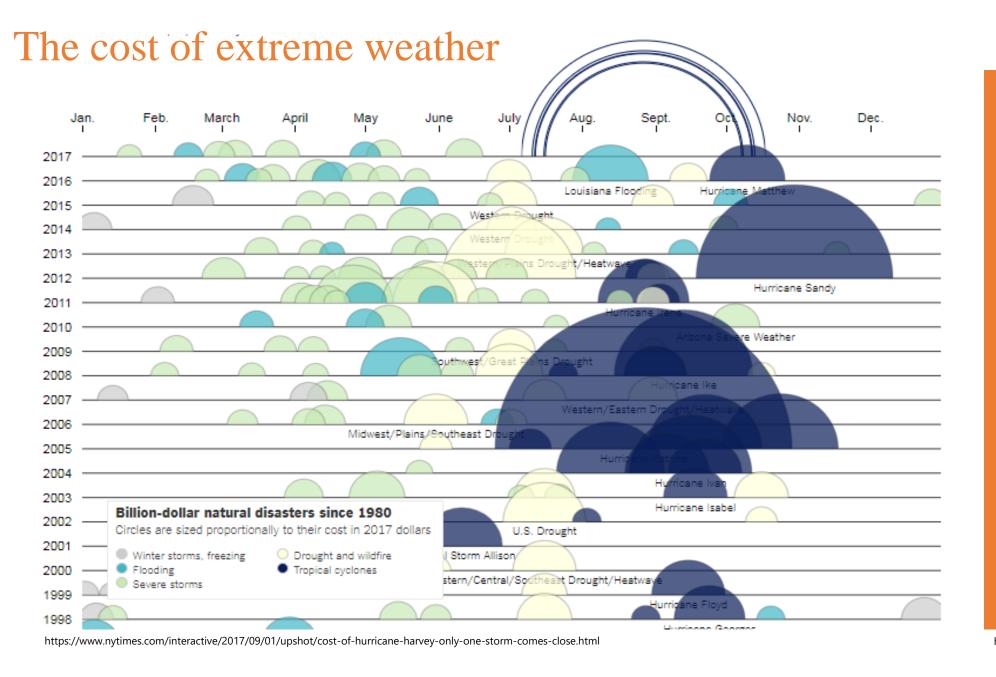
Creating a resilient public infrastructure in coastal areas

David Prodger, British Consul General, Miami

7th Annual State of the South Florida Economy 11 My 2018

Natural Hazard, Community Resilience and Economic Risk





Cost to US GDP

\$3.9

trillion by 2025

Lost Business Sales

\$7

trillion by 20205

Lost Jobs

2.5

million jobs in 2025

Cost to Families

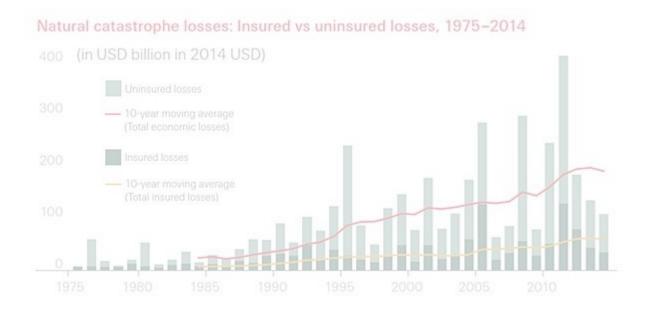
\$3,400

per year

http://www.asce.org/failuretoact/

TAXPAYERS PAYING









Source Swiss Re sigma report, 2016

Governments...

uniquely exposed

- Shoulder cost of relief and recovery
- Pay for reconstruction of infrastructure
- Fund the underinsured

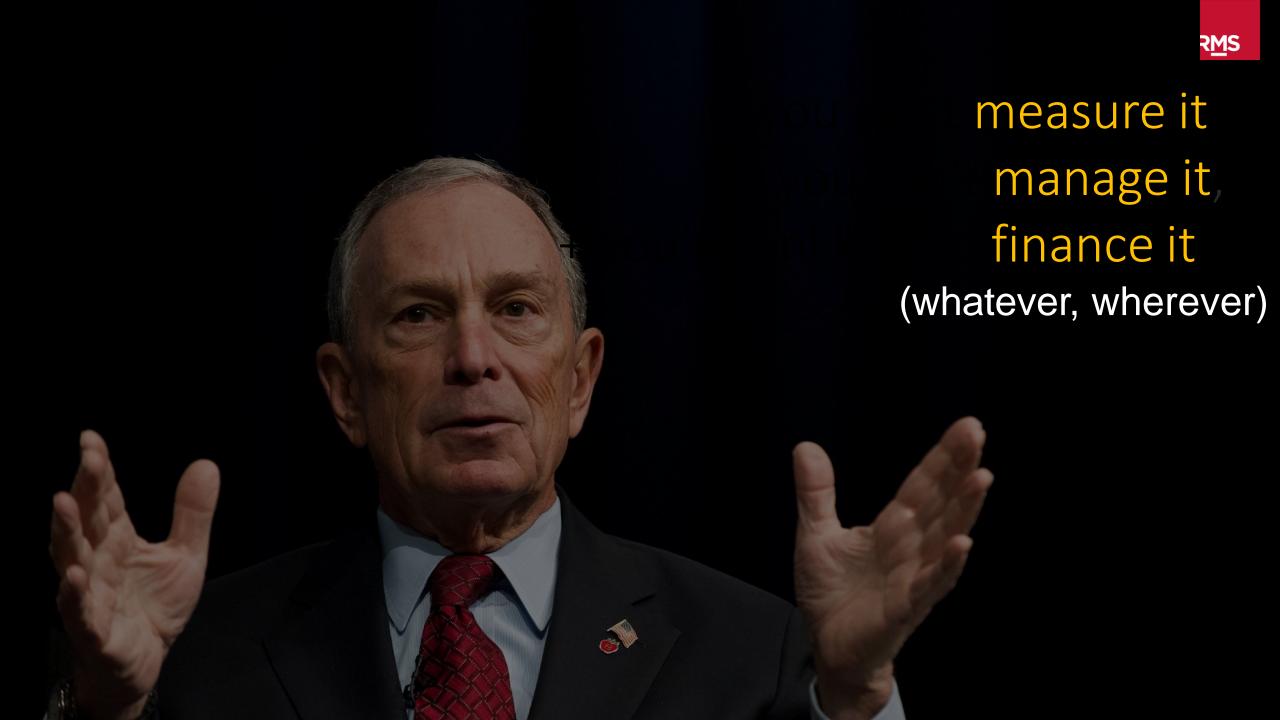
Yet, most seek funds...

only after cat event

- Increasing taxes
- Borrowing
- Soliciting aid

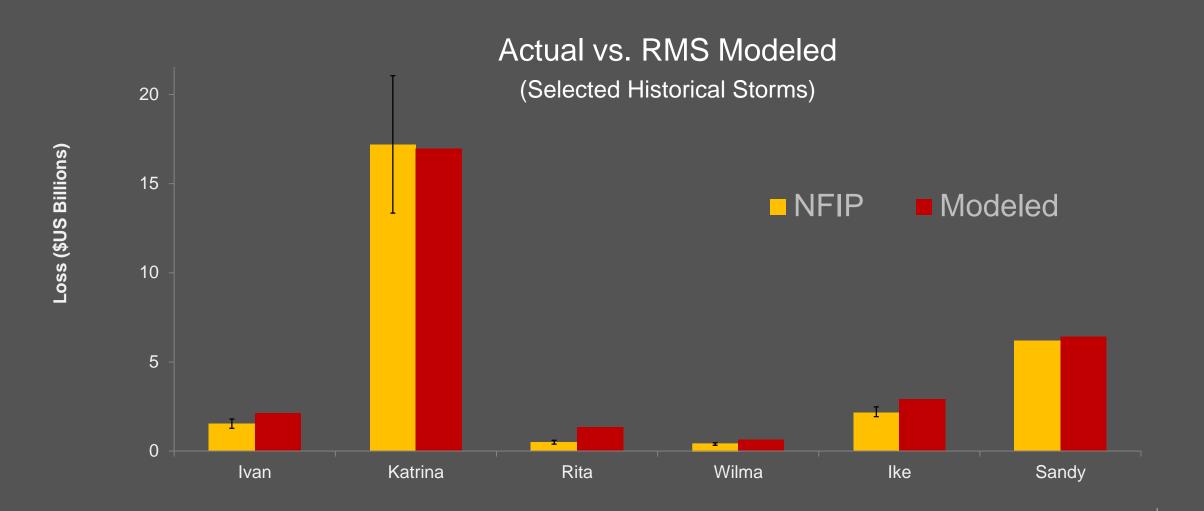
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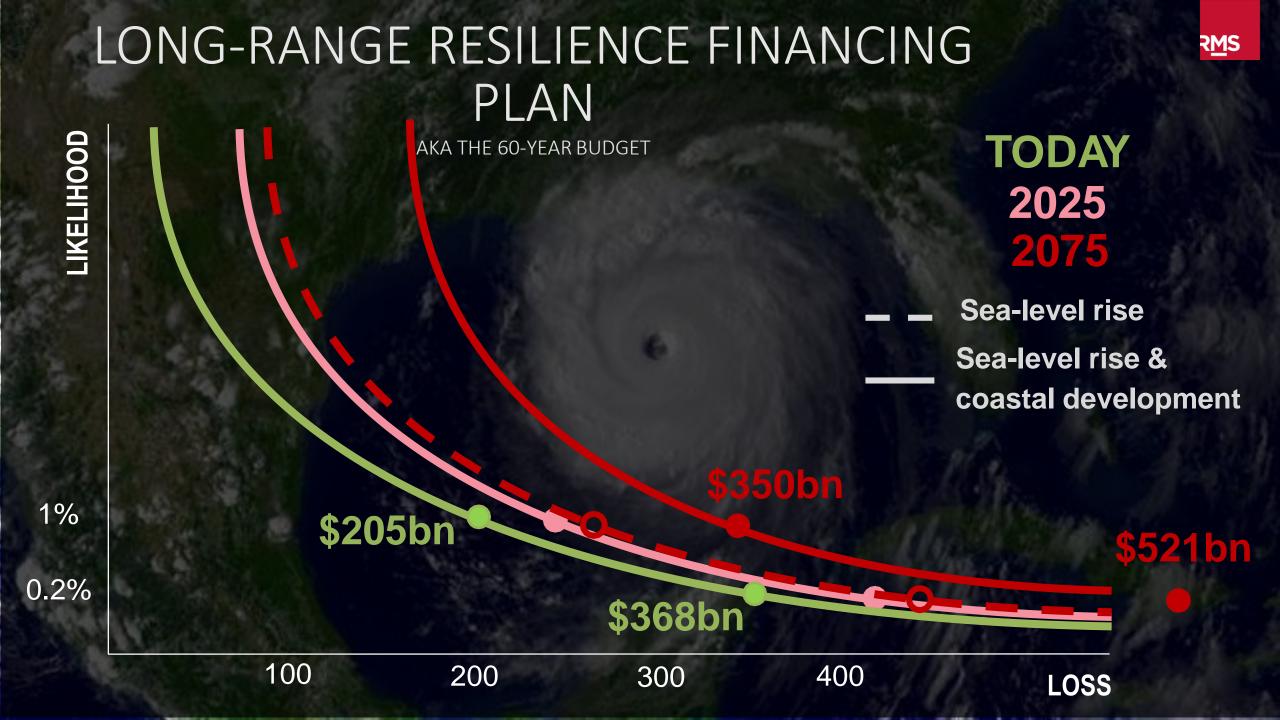
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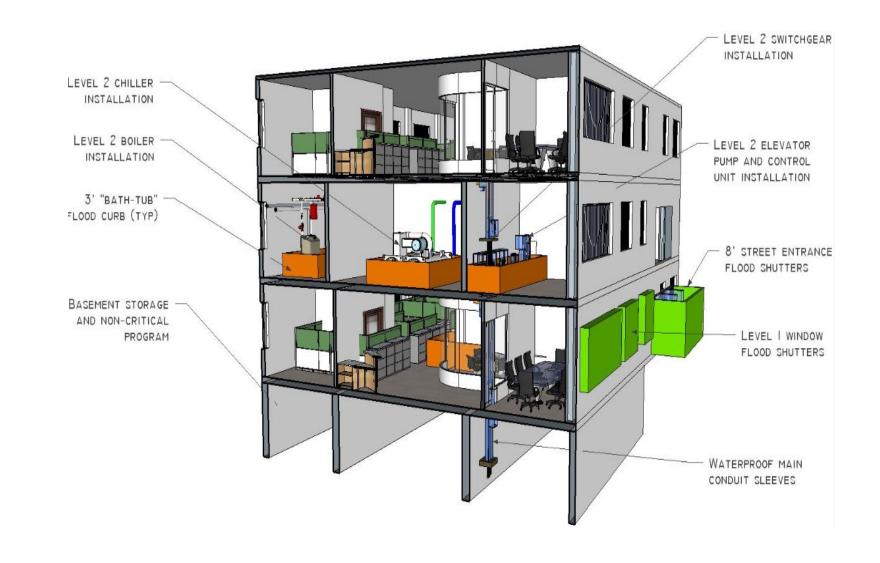
Calibrated to historical loss experience... ...and validated against each new event



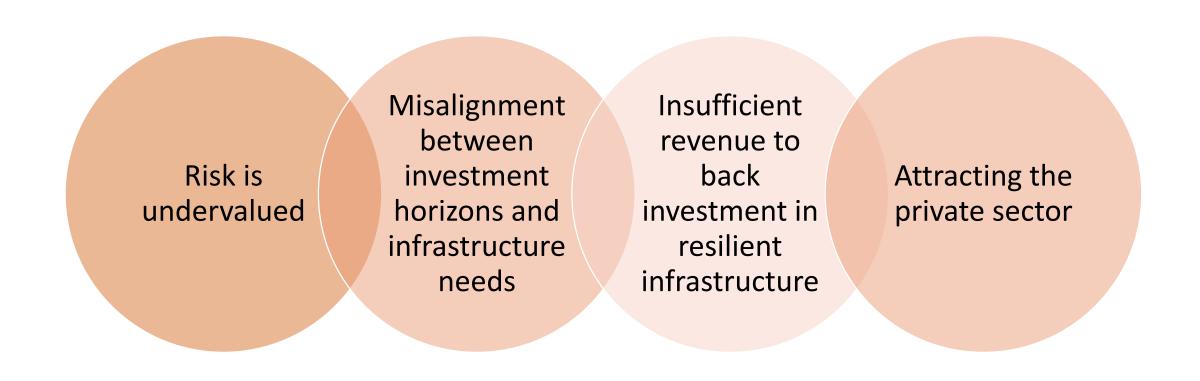


What is the ROI of preparing for extreme weather?

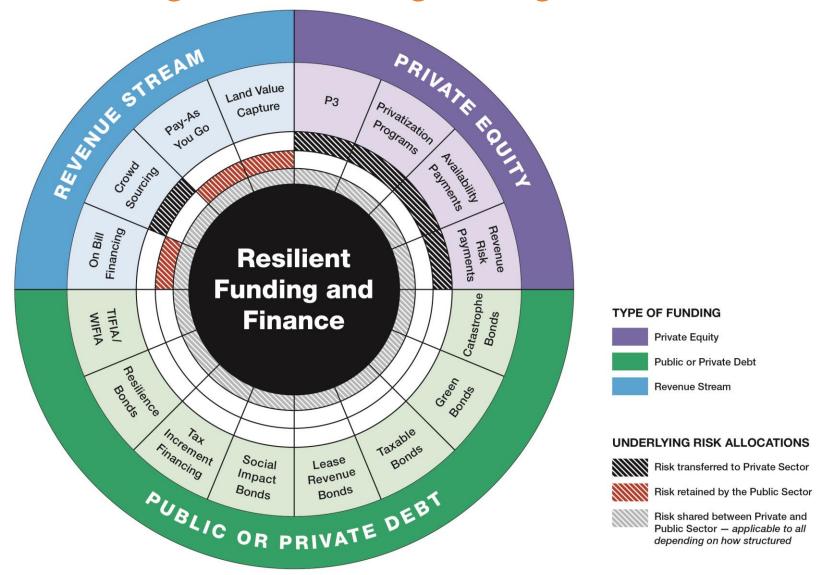
- \$1 invested in building resilience and reducing exposure saves \$4 in disaster response and recovery
- \$1 invested in resilience saves \$4-7 in response and \$5-10 in avoided economic losses
- \$1 on disaster risk reduction saves \$7 in response activities
- \$1 on disaster preparedness saves \$7-10 on response
- \$1 in preparedness is worth \$15 in disaster relief efforts



Barriers to financing resilient infrastructure



Portfolio of funding and financing strategies





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