

Leading Economists Assisting w / Report:

Gary Yohe, Ph.D, Wesleyan University, IPCC, Vice Chairman, US Climate Assessment, Climate Advisor to Mike Bloomberg

Kristen Sheeran, Ph.D., Head, E3 Network of Leading Environmental Economists, Climate Advisor to Kat Taylor/Tom Steyer

Eric Zencey, Ph.D, Vermont University, Author, National Wildlife Federation Resolution and New York Times article on need for GDP to incorporate environmental / climate considerations.

Rich Haworth, Ph.D, Dartmouth University, Member, E3 Network of leading environmental economists

Howard Kunreuther, Ph.D, Director Wharton Center for Risk Operations, Climate Advisor to Mike Bloomberg

Mike Mastrandrea, Ph.D, Stanford, Scientific Advisor and colleague of Steve Schneider, Ph.D, Stanford, IPCC and Leader of Climate Change Component of Wall St. Due Diligence on Green Building Secondary Market including needed pollution reductions to stop near term Dangerous Irreversibility threatening global financial markets.

Report Highlights – Accelerating Global Green Building Secondary Market

- Peer-Reviewed Wall Street Due Diligence Released at NYSE Documented Financial Benefits of Accelerating Global Green Building Secondary Market**
 - \$1 trillion private sector stimulus, 800,000 new jobs & \$400B in new wages (US)
 - Best source of needed \$2+ Trillion to retrofit building stock & near term reduction of needed 18 gigatons of climate pollution to stop Irreversibility
 - Investors with over \$70 Trillion in assets under management want to buy green building bonds
 - National statistically valid data documented the added green building value
 - Expected to provide sustainable investment market shift –
 - overcoming widespread bias preventing needed climate pollution reductions
 - allowing government to more effectively act
- Ongoing Systemic Dangerous Climate Change Damages / Near Term Irreversibility Threat are Documented by Insurance & Investment Industries & Government in Many Sectors:**

INSURANCE INDUSTRY with large scale exclusion of coverage shifting burden to individuals, companies & government. Functioning insurance is required for commerce & is 10% of GDP.

 - Allianz
 - Allstate
 - Mortgage Bankers Association
 - Reinsurance Association & Chief Risk Officers
 - US RE & Lloyds
 - Property Casualty Industry
 - National Association of Insurance Commissioners
 - Travelers
 - Swiss Re

INVESTORS

 - Mercer, 14 Institutional Investors & IFC
 - Global Institutional Investor Networks with \$22 trillion in assets
 - Calvert
 - RAILPEN Investments, Henderson Global Investors and Insight Investment
 - Asset Owners' Disclosure Project
 - Investor Network on Climate Change
 - JPMorgan (also an investment bank)

GOVERNMENT

 - GAO
 - NASA
 - Leading States in *Connecticut v. AEP* (2d Cir. 2009)
 - Government of Australia
 - SEC
 - DARA / 20 governments
 - USDA
 - US Forest Service
 - Food & Agricultural Organization
 - Bush II White House Science Office
 - UK
 - US Geological Survey
- Irreversibility & Multiple Systemic Market Failures Exist That Can Trigger Climate Contagion Threatening Financial Markets**
 - Event triggering contagion likely to be next major extreme weather events intensified by climate change
- Preceding Systemic Risks are Unacceptable & Easily Stopped**
- Time is of the Essence to Act**