Economics of Climate Adaptation Shaping climate-resilient development

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up to 60%

of the currently projected GDP loss from climate change between now and 2030 can be averted through cost-effective adaptation measures

See the report "Shaping climate resilient development – a framework for decision makers" – co-authored by Swiss Re

→ www.swissre.com/climatechange

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Climate-resilient development needs to address total climate risk



Objectives:

- Provide decision makers with the facts and methods necessary to design and execute a climate adaptation strategy
- Supply insurers, financial institutions, and potential funders with the information required to unlock risk prevention funding and deepen global risk transfer markets

Key features:

- Developed a methodology to quantify *local* total climate risks, meaning it looked at the combination of
 - today's climate risk,
 - the economic development paths that might put greater population and value at risk
 - the additional risks presented by climate change.

The team:

Economics of Climate Adaptation Working Group, a partnership between the Global Environment Facility, McKinsey & Company, Swiss Re, the Rockefeller Foundation, ClimateWorks Foundation, the European Commission, and Standard Chartered Bank.

Please find the full study at www.swissre.com/climatechange

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Loss assessment – driven by economic growth and climate change

India, Maharashtra case study



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Roadmap and business case for adaptation funding

Output of ECA analyses



What if we ...

- ... specify our 'risk appetite' in line with our development priorities
- ... incorporate further criteria relevant to us in addition to costbenefit ratio
- ... (re-)prioritise risk mitigation and transfer measures based on our priorities
- ... calculate an adaptation business case incl. investment plan
- ... develop a roadmap incl. priority initiatives
- ... use roadmap and business case for funding discussions
- ... speed-up implementation with the additional funding and further increase resilience

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