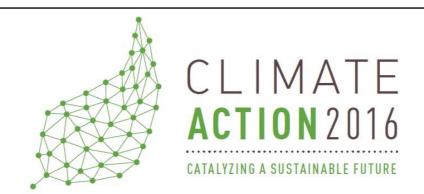
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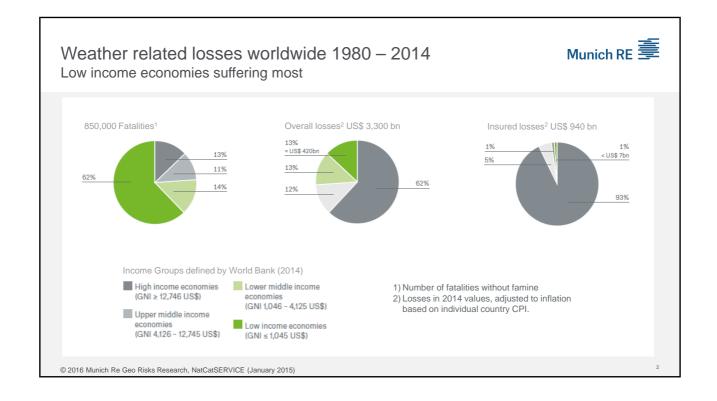


# Innovation in insurance product development:

- climate resilience building
- de-risking investments

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#### Climate Risk Insurance





regional pools and satellite based risk analysis reduce insurance gaps

#### **Regional Insurance Pools**

Insureds: governments / institutions (focus on low income economies)

- African Risk Capacity (ARC; <a href="http://www.africanriskcapacity.org/home">http://www.africanriskcapacity.org/home</a>)
- Caribbean Catastrophe Risk Insurance Facility (CCRIF; http://www.ccrif.org/)
- Pacific Catastrophe Risk Assessment and Financing Initiative (PCRAFI; http://pcrafi.sopac.org/)
- G7 Project InsuResilience (https://www.g7germany.de/Content/DE/\_Anlagen/G8\_G20/2015-06-01-g7-climate-risk-insurance.html)

#### Satellite based risk identification/analysis and parametric pay-out trigger

- e.g. African Risk View (UN World Food Programme)
- quick payout based on parametric risk definition (meteorological data)

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### Insurance: driver of investments in greener economies de-risking low carbon investments through risk transfer solutions





New/innovative risk transfer solutions along the value chain of e.g. renewable energy technolgies: multi-year performance guarantees



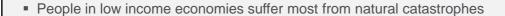
Insurance industry as investors: Munich Re up to EUR 8 bn renewable energy/infrastructure investments

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## **Key Takeaways**





- Reduction of vulnerability and strengthening resilience is key to reduce humanitarian suffering and support sustainable economic development
- Know-how of global insurance industry with natural catastrophes, transfer of expertise and risks can contribute to resilience building
- Public-private-partnerships (PPP): governments/supranational organisations <-> private insurance sector are drivers of resilience in developing countries

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