

Time for action in developing countries

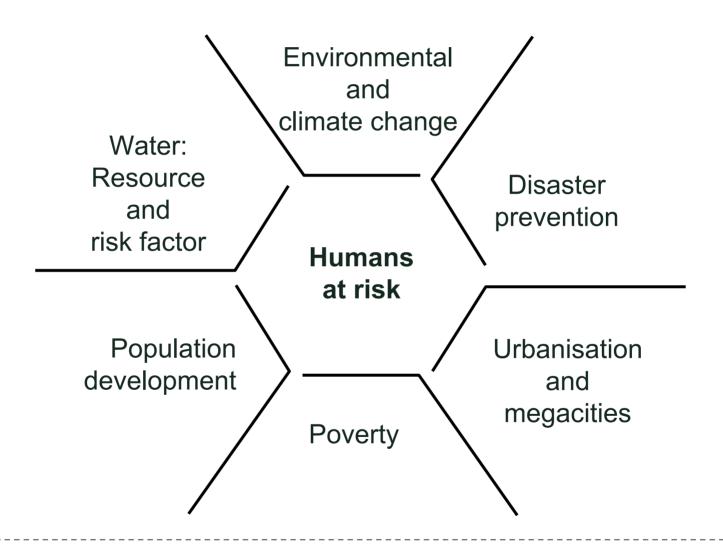
How Insurance can serve the poor COP 12 UNFCCC climate talk

Thomas Loster

Munich Re
Foundation
From Knowledge
to Action

The Munich Re Foundation

Focus "humans at risk"



Munich Re Foundation

Thomas Loster

- New insurance related systems are necessary to get these countries, where currently almost no insurance is available, out of the global warming trap
- MCII intends to provide expertise on insurance solutions for losses due to climate change especially in developing countries

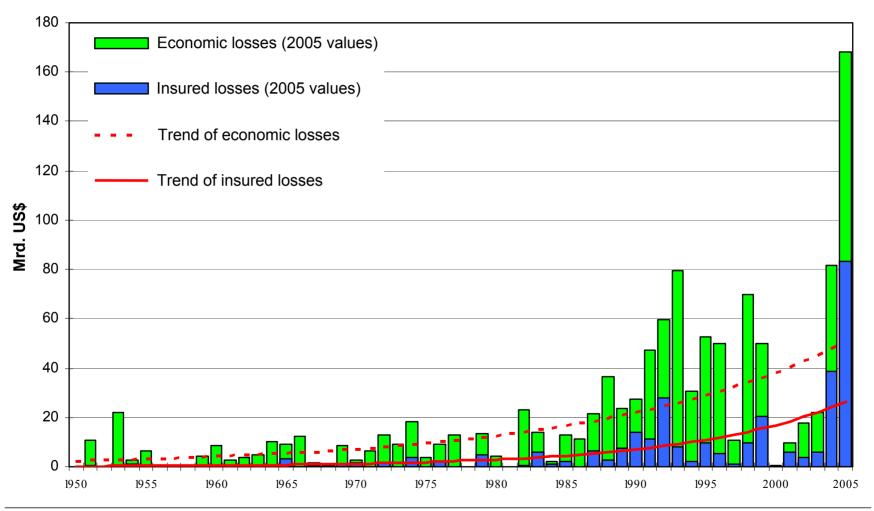


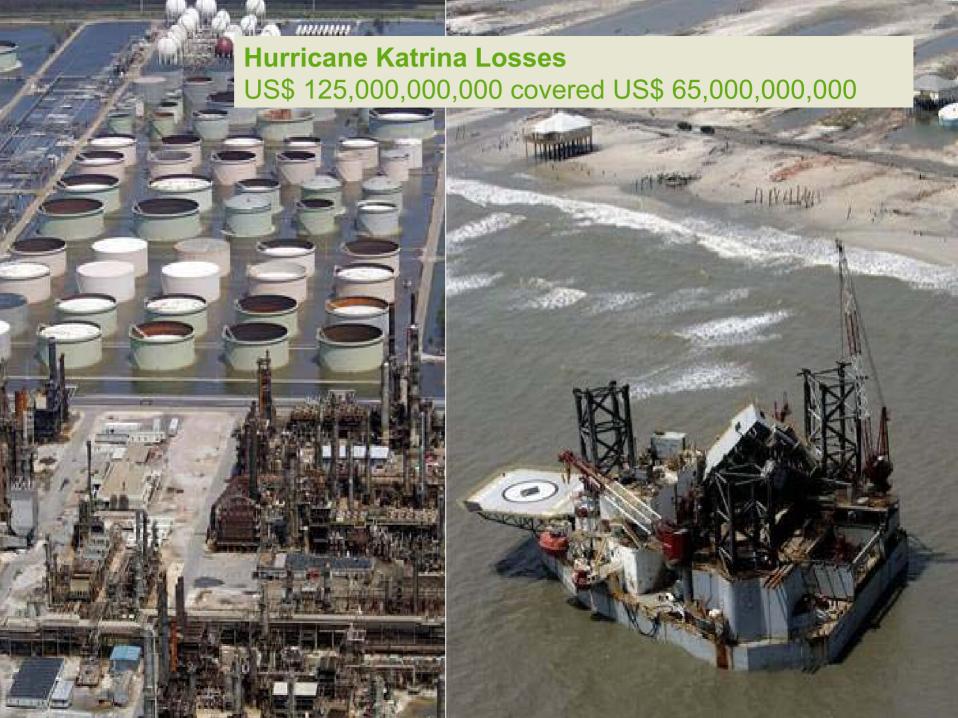
Overview

Target Group
Costs of Implementation
Success story
Lessons learned
Next steps
Concluding remarks

Great Weather Disasters 1950 – 2005

Economic and insured losses (as at March 28, 2006)





Floods India 24. July – 5 August 2005 – record rain in Mumbai



Weather Disasters January – October 2006 Comparison World versus Africa

World Africa

Number of events: 620 55

Fatalities: 10,000 1,300

Overall losses: **31,000 60**

US\$m as at November 2006; * losses in original values
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Source: Munich Re NatCatSERVICE®

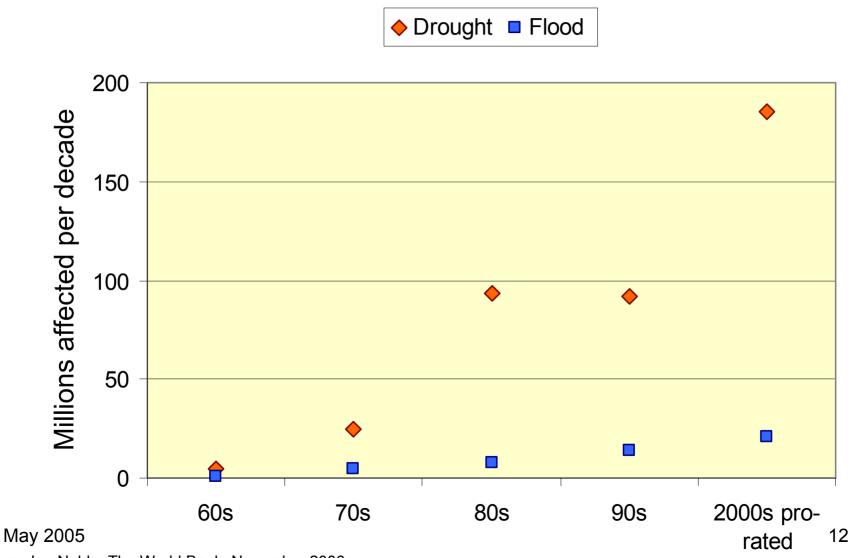
Deadliest drought disasters in Africa 1970 – 2005Munich Re NatCatSERVICE®

Year	Country	Fatalities	Affected
1973 - 1974	Ethiopia , Somalia	300,000	4,000,000
1981 - 1984	Chad	3,000	1,500,000
1983	Swaziland	500	
1984	Ethiopia	300,000	7,000,000
1984	Sudan	150,000	8,000,000
1984 - 1985	Mozambique	100,000	2,000,000
1987	Somalia	600	500,000
2002	Malawi	500	3,000,000





People affected by natural disasters in Africa



Source: Ian Noble, The World Bank, November 2006

Coping with drought risk is of paramount importance!

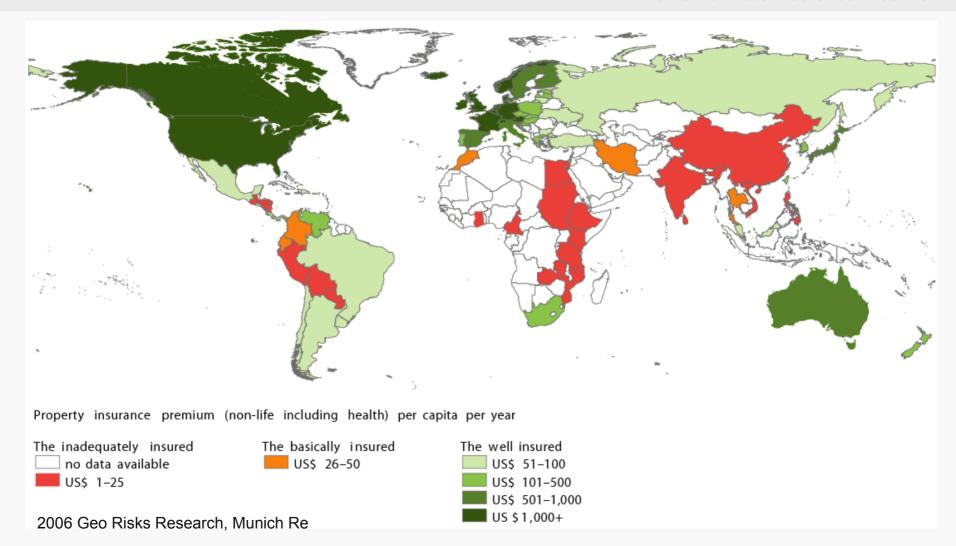
http://www.wernergut.de

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Global distribution of insurance premiums per capita



Munich Climate Insurance Initiative



Source: Peter Höppe, Geo Risks Research Department, Munich Re



Micro-, Meso-, Macro Products

Different impacts, scales and solutions

Micro-scale

Micro-insurance

focus

health, Life (funeral): yes very active small worlds

property (home, plough, boat): ?

Meso-scale

Derivatives and Index Insurance

focus

weather, drought: yes

much in the developed world

1st Index in Ethiopia, more to come

Macro-scale

Cat Bonds

focus

storms, floods, droughts etc.: yes

only in the developed world

extremely complex

Other

Climate Funds

are global agreements possible?

The reality

Two promising ways forward...

The Indian Example
The African Example

Example India

The Basix Farmers Insurance

Risks Covered by Insurance Cos with BASIX facilitation

Risks to Life

- Death
- Disease
- Disability

Risks to Livestock



Risks to Crops



Risks to Enterprises

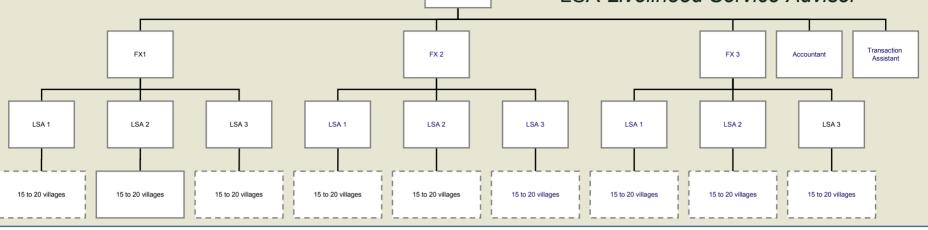


Courtesy: Gunaranjan, Manager-Insurance Business, BASIX

How does it do? BASIX Branch Operations

FX-Field Executive

LSA-Livelihood Service Advisor



Are Manager

Branch Head

Courtesy: Gunaranjan, BASIX



LSA travels to village



Interacts, assesses and provides...



Credit

Rs.6.3billion disbursed, 98.3%OnTimeRecoveryRate



Insurance

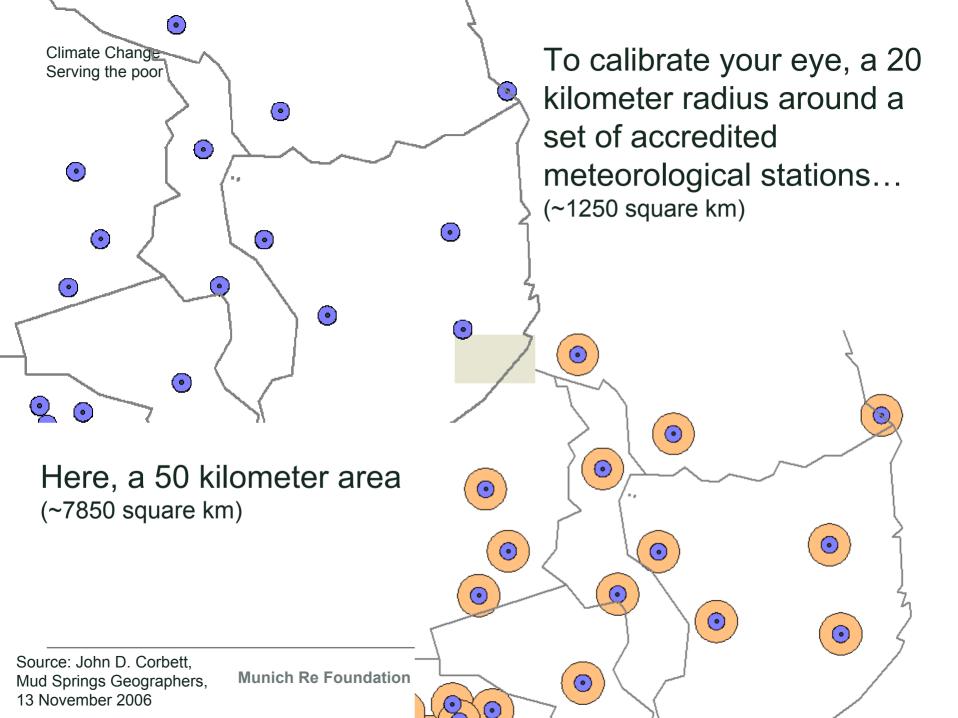


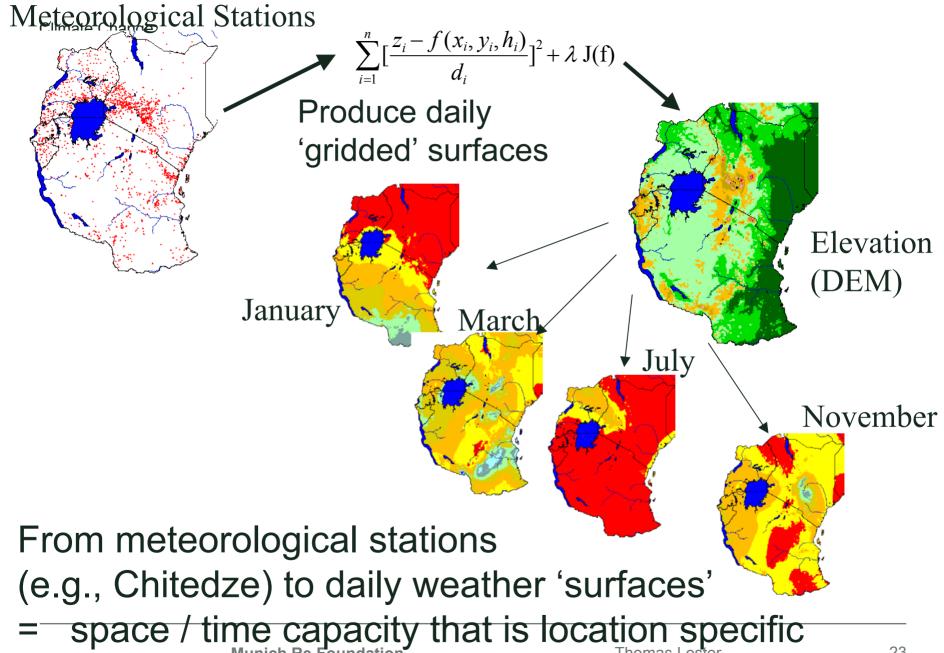
Agri-Service

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Example Africa

The Ethiopia Drought Insurance Scheme





Source: John D. Corbett, Mud Springs Geographers, 13 November 2006

UN-World Food Program

The world's largest humanitarian agency

Each year, they give food to an average of

90 million poor people to meet nutritional needs,

61 million hungry children thereof in at least

80 of the world's poorest countries

Ethiopia Drought Insurance

"World's first humanitarian insurance policy"

- Construction: Derivative based,
 calibrated index of rainfall data, 26 weather stations
- Trigger: Rainfall from March-October 2006
 significantly below historic averages (crop failure)
- Cover: US \$7 m (potential losses 17m farmers)
- Premium: US\$ 970m
- Insurer: AXA/ AXA Re
- Inured: Farmers in Ethiopia/UN-WFP
- Consultant: Risk Management Solutions

Lessons learned

Different People – Different Worlds – Different Challenges

Government Community Head

Farmer Individual

Insurance Agent Insurance Manager

Ownership at all levels!

Insurance Solutions for the poor What is needed?

Insurers

- stable partners
- stable clear regulatory framework
- geographical spread (diversify)
- long-term business (payback)
- volume

Affected/Poor/Donors/FoodPrgs/Governments

- defining needs
- understanding insurance principles
- will for pre versus post activities

Both

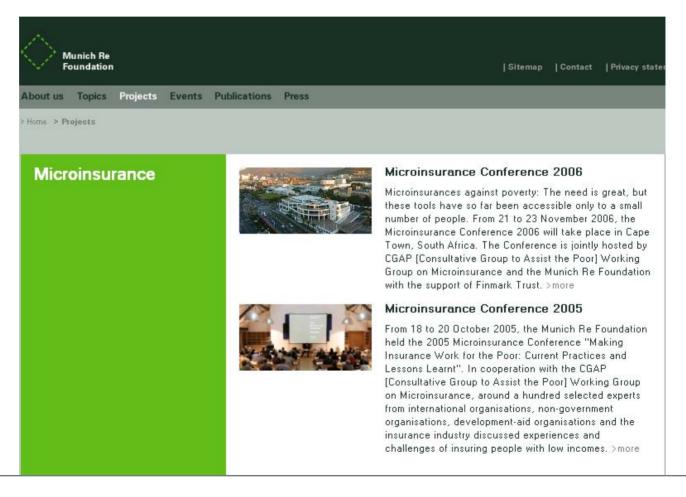
More PPP and sustained dialogue!

The Solution Creating stable Task Forces such as UNEP FI

- All players
- Champions
 i.e. real decision makers with mandate
- Fixed Time Frames
- Market potential assessment from insiders

The Munich Re Foundation Providing a Platform for Micro-Insurance Solutions

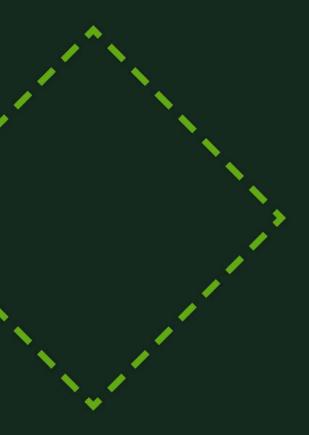
2nd International conference 21 – 23 November 2006



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Thank you



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