



WORLD RESOURCES INSTITUTE

CLIMATE CHANGE, DISASTER RISK REDUCTION & THE POST-2015 DEVELOPMENT FRAMEWORK

7th session of the general assembly open
working group on sustainable development
goals

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President & CEO, WRI
9 January, 2014



Outline

The “Why”

The “How”

Storyline

Goals and targets

Impressive **progress made with MDGs. . .**

2 billion

gained access to
improved drinking water

↑ 58%

girls enrolled in primary
education in least developed
countries

↓ 47%

maternal deaths

↑ 100%

real per capita income
in developing countries

↓ 50%

people living on less
than \$1.25 per day

But...

"If we disregard sustainability, whatever progress we have made in poverty reduction or improvement of human development will just be erased due to climate change."



Temperature Change

13

**of the hottest years on
record have been since 1998**

MBEG YA
MKULIMA

Sea Level Rise

2-7 feet

Sea level rise possible by
end of century



Natural Disasters

95%

**of deaths from natural
disasters in developing
countries**



Hydrologic Shifts



10-30%

decrease in river runoff
by 2050 in some regions



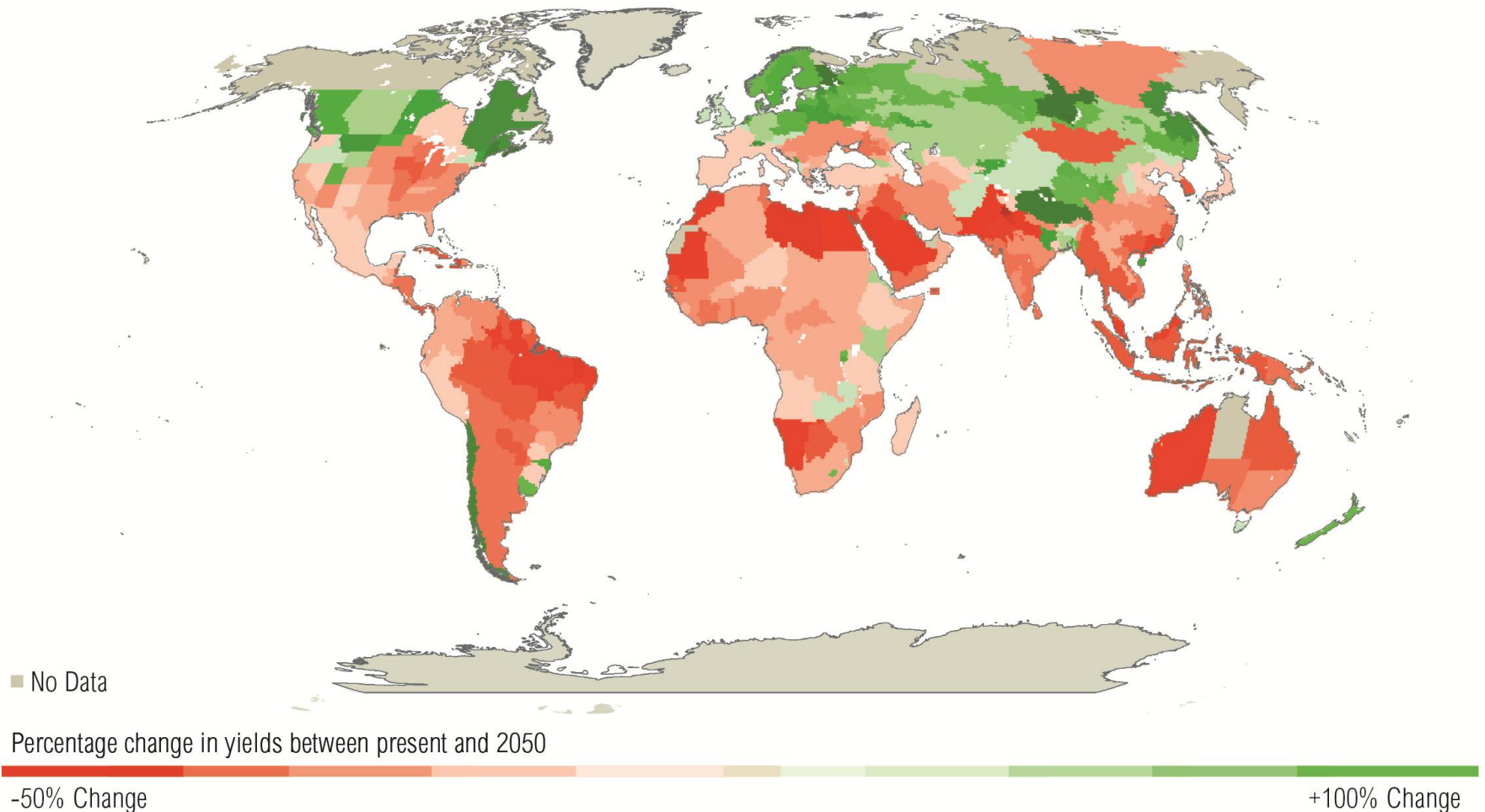
10-40%

increase in river runoff by
2050 in others

What this means for development:

Crop yields under threat

Projected impact of climate change on agricultural yields between now and 2050



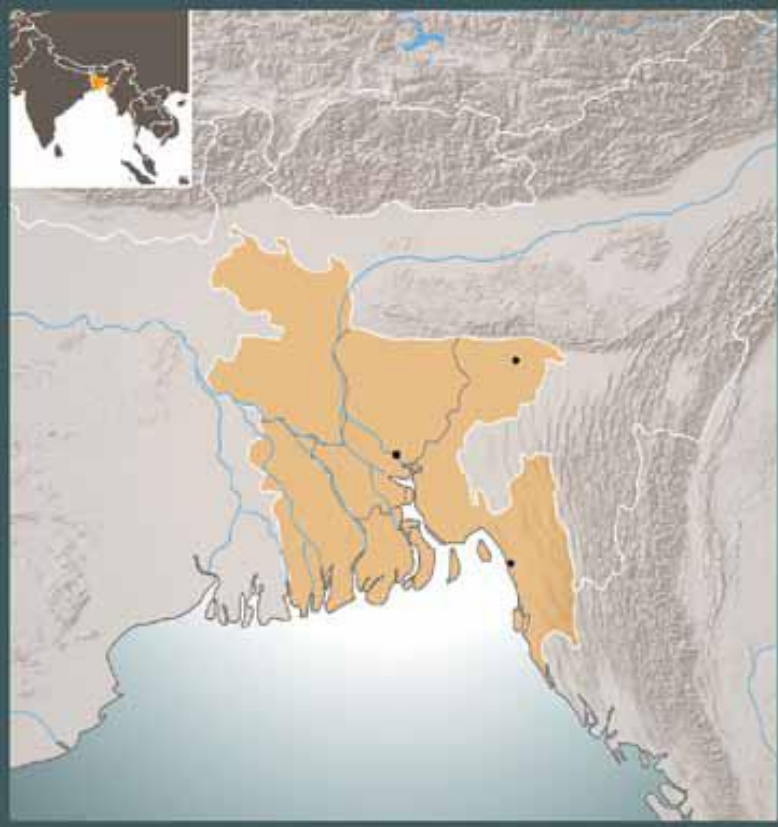
What this means for development:

Rising waters threaten cities



The good news is...

Good development requires climate adaptation



2007

Food for the Hungry



1991

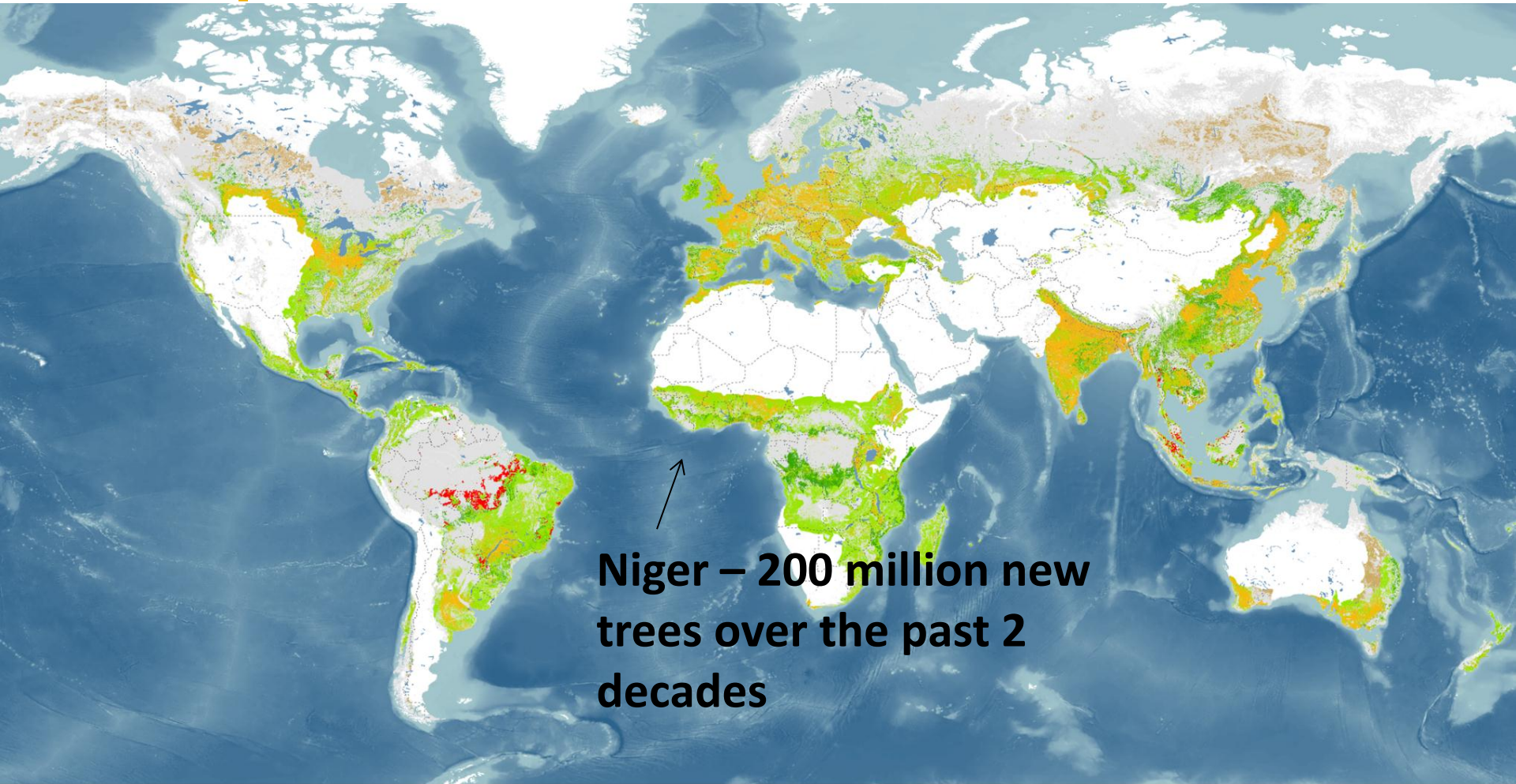
Val Gempis/ USAF

Good development requires low-carbon development



Access to employment
Improved urban air quality
Reduced congestion
Fuel Savings

Good development requires low-carbon development



FOREST AND LANDSCAPE RESTORATION OPPORTUNITIES

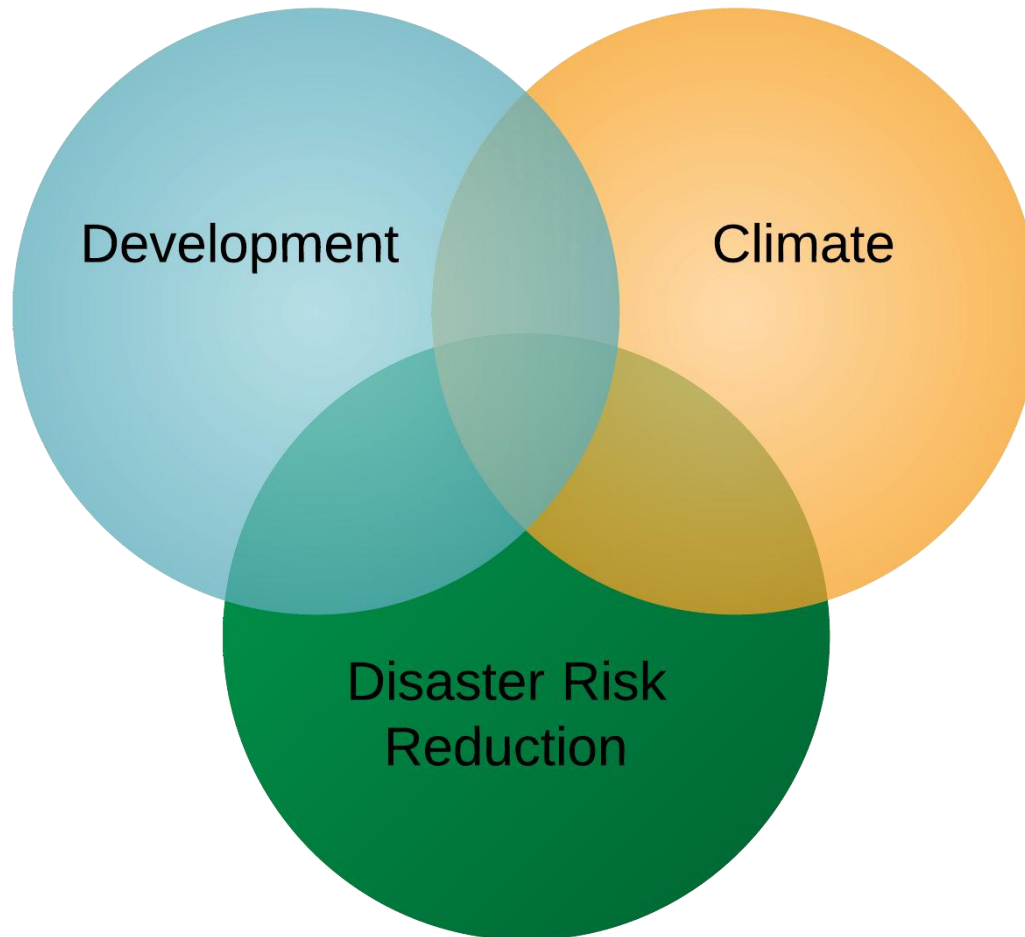
- Wide-scale restoration
- Mosaic restoration
- Remote restoration

OTHER AREAS

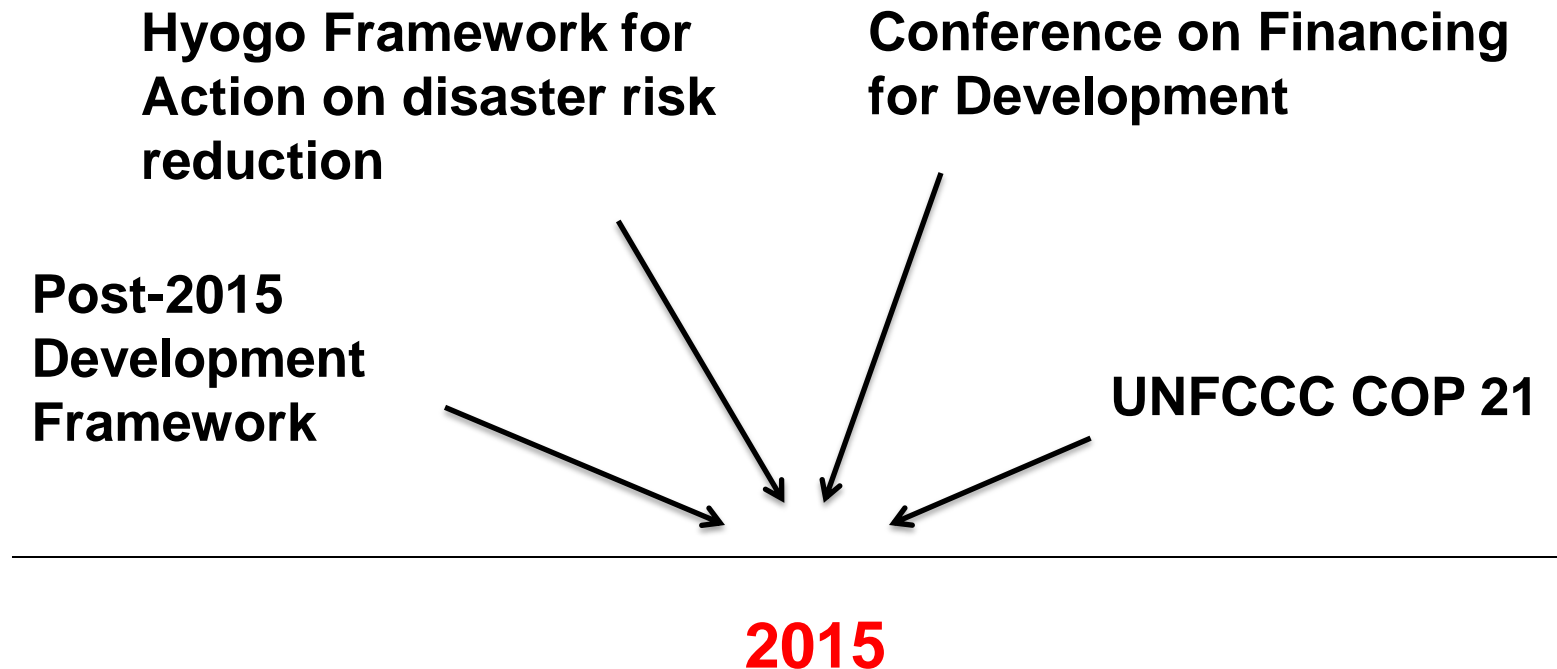
- Agricultural lands
- Recent tropical deforestation
- Urban areas
- Forest without restoration needs



Maximizing our impact



We are at a pivotal moment



The “How”

A Climate-Smart Development Agenda

1. **Storyline**
2. **Goals and targets**
3. **Implementation**

A Storyline Connecting Development and Climate Action



Explicitly connect development and climate change in chapeau text for the post-2015 development framework

Scale of the challenge

200

Years it took us to use half
the world's carbon budget

30

Years it will take us to use the
other half at current rate

To stay within 2° of warming,
emissions must peak by

2020

Given the scale of the challenge, all must act . . . and equity is essential

- **Tackle disproportionate impacts on poorest**
- **Share action fairly**
- **Ensure access to transformational technologies**
- **Address intergenerational equity**

The Climate Justice Dialogue



DEVELOPING A HUMAN-CENTERED NARRATIVE AND CREATIVE IDEAS ON
HOW TO ADDRESS EQUITY WITHIN THE CLIMATE CHANGE REGIME

Outline

The “Why”

The “How”

Storyline

Goals and targets

Reflect development and climate linkages in targets

Climate-smart development targets should:

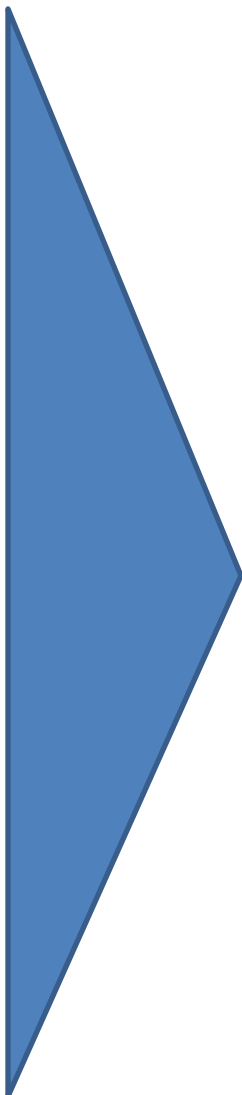
- **Build resilience and adaptation**
- **Support low-carbon development pathways**
- **Deliver development progress *and* make it irreversible**

Target 1. Ensure universal access to modern energy services

Target 2. Double the share of renewable energy in the global energy mix

Target 3. Double the global rate of improvement in energy efficiency in buildings, industry, agriculture and transport

Target 4. Phase out inefficient fossil fuel subsidies that encourage wasteful consumption



**SECURE,
SUSTAINABLE
ENERGY**

Target 1. End hunger and ensure universal access to safe, affordable, and nutritious food

Target 2. Reduce the rate of food loss and waste by 50 percent

Target 3. Universal access to climate and disaster information

Target 4. Increase the water-efficiency of agricultural production by 25 percent

Target 5. Support small-holder agriculture to become climate resilient by shifting to ecosystem based approaches

Target 6. Reduce stunting by x%, wasting by y%, and anemia by z% for all children under five



**FOOD &
NUTRITIONAL
SECURITY FOR ALL**

Target 1. End extreme urban poverty and raise living standards, especially in slums

Target 2. Ensure universal access to basic urban services

Target 3. Halve average commuting times

Target 4. Halve incidence of morbidity and mortality from transport-related air pollution by 2030



**INCLUSIVE,
PRODUCTIVE,
AND
RESILIENT
CITIES**

Target 1. An open and fair trading system

Target 2. Developed countries reach 0.7% Gross National Product in ODA

Target 3. Hold the increase in global average temperature below catastrophic levels

Target 4. Guarantee the public's right to information

Target 5. Ensure co-benefits by integrating climate in development strategies and planning



**GLOBAL
PARTNERSHIP FOR
DEVELOPMENT**

IRF2015

Independent
Research
Forum



OSISA
Open Society Initiative
for Southern Africa

SEI STOCKHOLM
ENVIRONMENT
INSTITUTE



IGES
Institute for
Global Environmental
Strategies

iied

Development
Alternatives

INDEPENDENT RESEARCH FORUM

**Critical thinking, integrated analysis and
awareness raising for a post 2015 future**

11 international research institutions working
together to provide analysis and debate.

A photograph of a flooded street in a residential area. In the foreground, a man is wading through the water, carrying a green bag on his head. In the background, there are houses, trees, and another person in a small boat. The water is murky and reflects the surrounding environment.

Thank you