



UN-Water Decade Programme on Capacity Development  
**UNW-DPC**

# Regional Workshop: Eastern and Southern Africa Region

UN-Water Initiative  
WMO, UNCCD, FAO, CBD and UNW-DPC

## Capacity Development to Support National Drought Management Policies

Dr. Daniel Tsegai  
Programme Officer  
UN-Water Decade Programme  
on Capacity Development (UNW-DPC)  
Bonn, Germany

05-08 August 2014, Addis Ababa, Ethiopia



# Drought: Basic Facts

- Drought ranks first among all natural hazards (Bryant, 1991) (based on severity, duration, spatial extent, life/economic loss and other measures).
- Impacts of drought include reduced crop production and water levels, increased livestock and wildlife death rates, and drastic socioeconomic impacts.
- Significant implications for food security, water scarcity and energy.
- Climate change is likely to shift the patterns of droughts and possibly to increase the frequency & severity of extreme drought conditions.



Image source: Sivakumar, K.M.

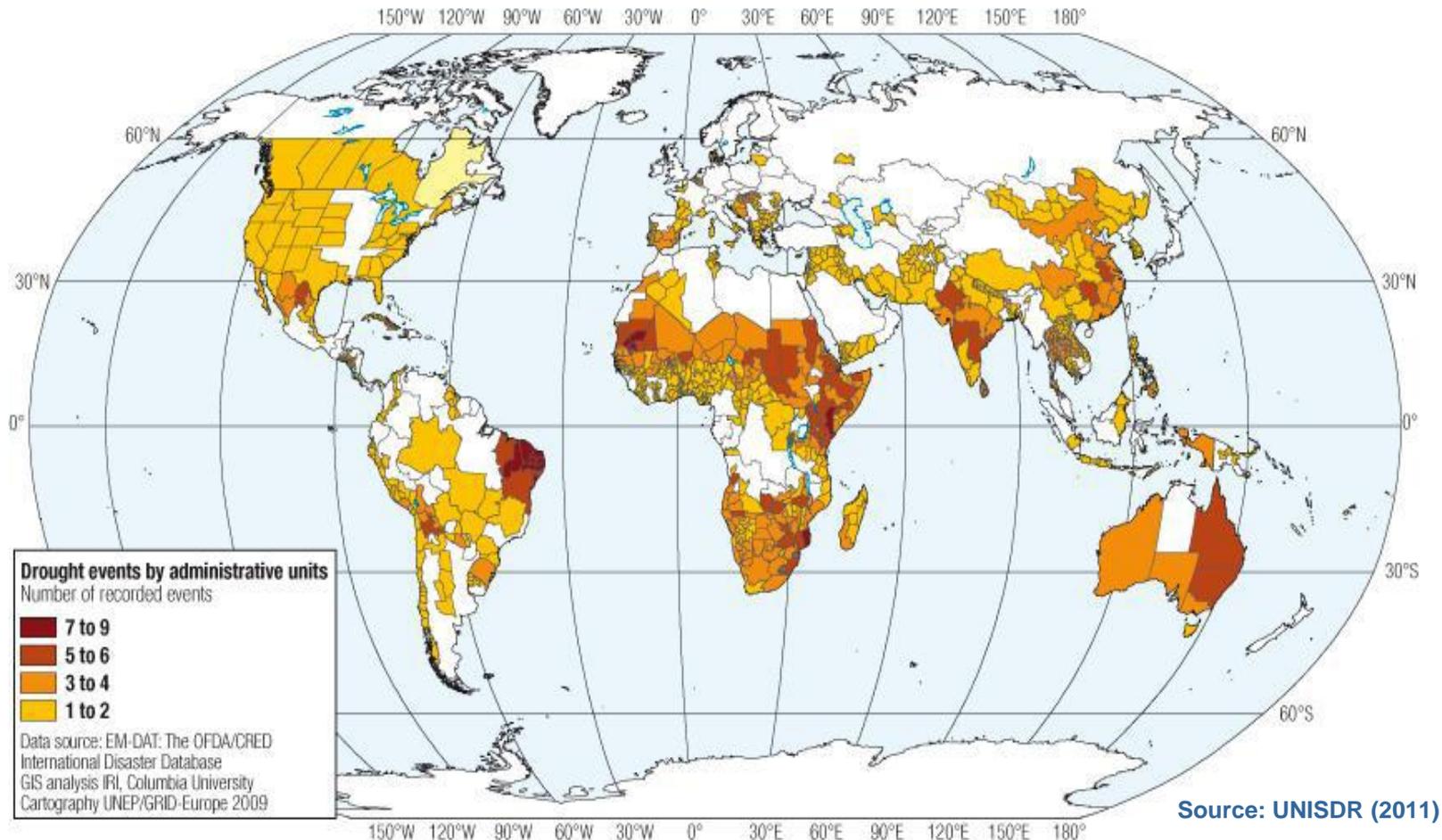
# Major Concerns regarding Drought



- Predominance of disaster response/crisis management over risk-based drought management approaches
- The problem of making a distinction between general development activities and 'drought preparedness' to identify specific problems related to drought
- Failure to recognize the need of developing drought management policies at country level taking into account long-term issues
- Lack of collaboration between sectors at country level and poor coordination among 'drought concerned' institutions in a country

# Drought – Most affected areas in the Globe

Number of drought disasters as recorded by EMDAT (1974–2004)



- Drought affects almost all climatic regions
- Most affected: Africa, Australia, Brazil, Central Asia, China, India, S.E. Europe & USA

# Survey on Drought

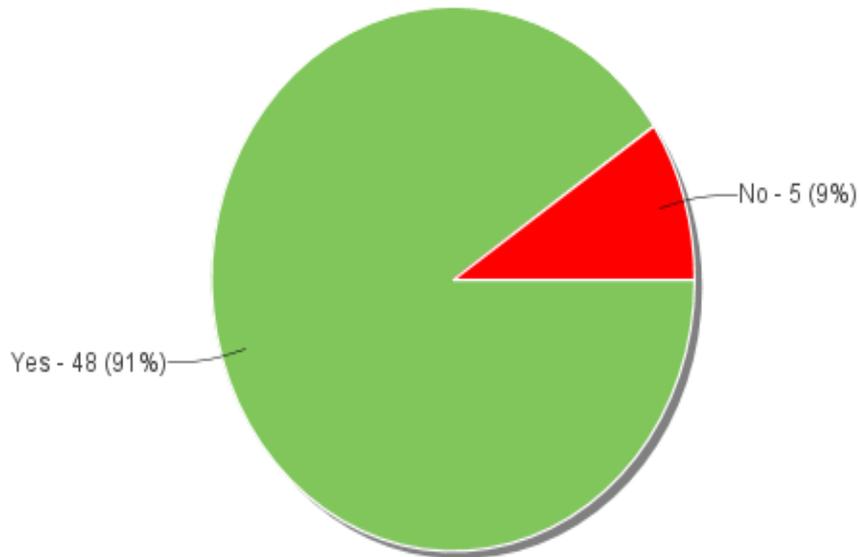
(conducted during the HMNDP, March 2013)

(Sample: 42 countries)



Capacity Development to Support  
**National  
DROUGHT**  
Management Policies

Has your country encountered drought in the last 10 years?



If yes, how often in the last 10 years?

Frequency of drought	Percentages
1 - 2	33%
3 - 5	50%
6 - 10	12%
> 10	4%



# Survey Results

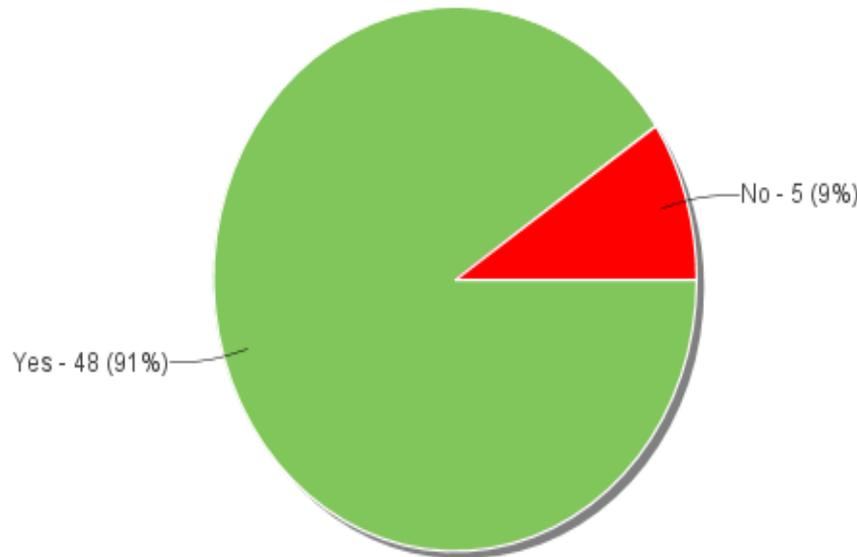
(conducted during the kickoff, March 2013)

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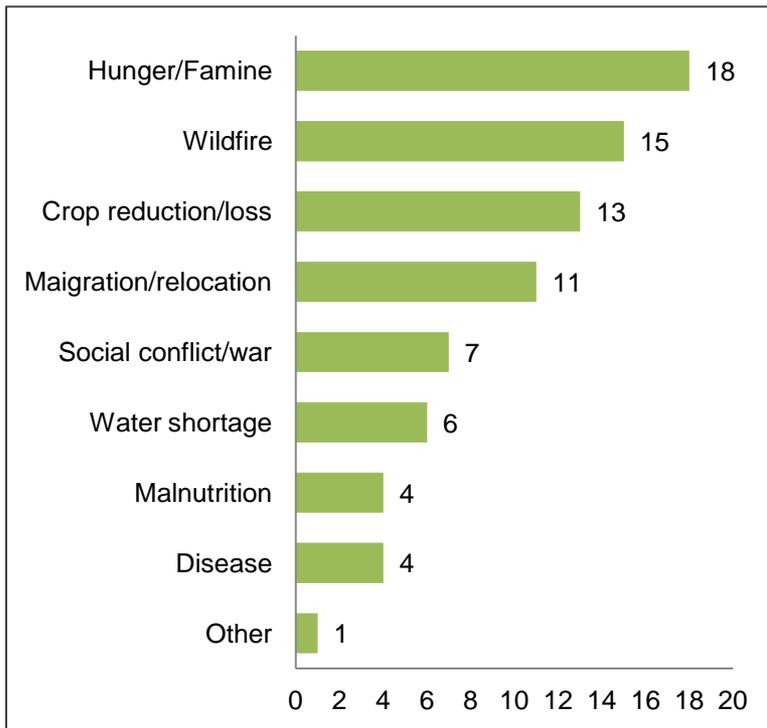
# Survey on Drought

(From 42 countries)



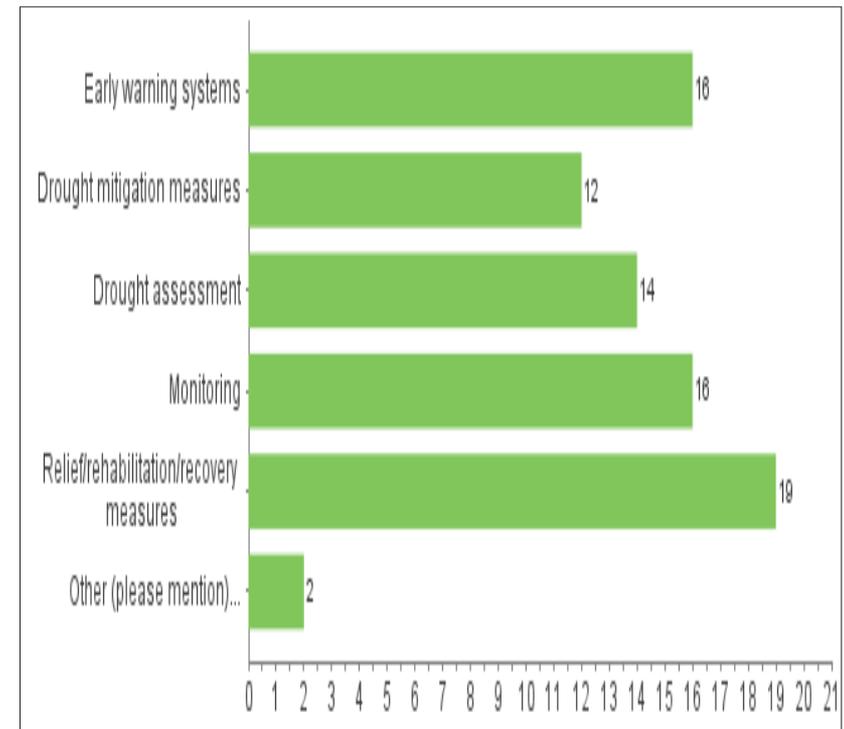
## Impacts & Measures

What was the most significant **impact** of the last drought?



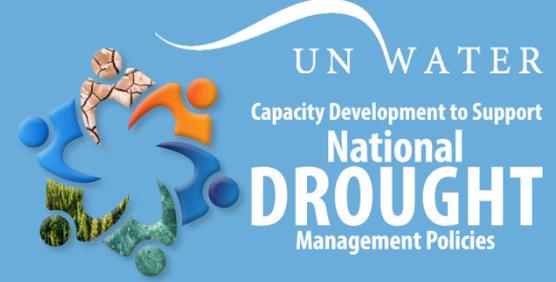
Number of responses

What **measures** did you take?



Number of responses

# The UN-Water Initiative ...



## “Capacity Development to Support National Drought Management Policies”

initiative, **under UN-Water**, which brings together the expertise of several UN agencies to advance capacity in targeted drought-prone countries to enable them develop effective drought management policies



Image source: World Bank

# About the Partners



- The World Meteorological Organization (WMO)  
([www.wmo.int](http://www.wmo.int))



- United Nations Convention to Combat Desertification (UNCCD) ([www.unccd.int](http://www.unccd.int))



- Food and Agriculture Organization of the United Nations (FAO): ([www.fao.org](http://www.fao.org))



- Convention on Biological Diversity (CBD)



- UN-Water Decade Programme on Capacity Development (UNW-DPC): ([www.unwater.unu.edu](http://www.unwater.unu.edu))



# Key Goals of the Initiative



- Raise awareness on risk based (proactive) NDMP, *instead of the business as usual “crisis based (reactive)”*
  - Enable nations to assess their national situation on disaster management and to identify and address the capacity needs
  - Capacity development to enable nations to identify a suite of strategies needed to develop risk based national drought management policies
- ❖ **The overall aim of the initiative is to enable countries to formulate a proactive, risk based drought management policy at national level.**



# Core of the initiative



## “Proposed Elements in the Compendium on National Drought Policy”

Set of key elements suggested for consideration in the development of national drought management policies:

1. **Drought Monitoring and Early Warning Systems**
2. **Vulnerability Assessment and Impacts**
3. **Emergency Relief and Response**



Sivakumar, Mannava V.K., Raymond P. Motha, Donald A. Wilhite, and John J. Qu (eds.), 2011.

# Focus of the initiative



## Towards . . .

- Proactive mitigation, preparedness and planning measures
- Increased emphasis on Policy
- Improved drought monitoring tools and early warning systems
- Coordination of drought programs and response in an effective manner
- Development of regional drought preparedness networks



# Project Timeline

## *International Kick-Off Workshop*

March 12, 2013  
Geneva, Switzerland

## *1<sup>st</sup> Regional Workshop for Eastern European Region*

July 9-11, 2013  
Bucharest, Romania

## *2<sup>nd</sup> Regional Workshop for Latin America and the Caribbean Region*

December 4-6, 2013  
Fortaleza, Brazil

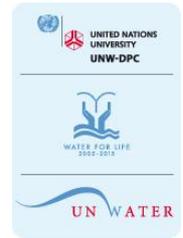
## *3<sup>rd</sup> Regional Workshop for Asia-Pacific Region*

May 6-9, 2014  
Hanoi, Vietnam

## *4<sup>th</sup> Regional Workshop for Eastern and Southern Africa Region*

August 5-8, 2014  
Addis Ababa, Ethiopia





UNW-DPC



# Regional Workshop for S/E Africa Region

**Botswana, Djibouti, Ethiopia,  
Kenya, Malawi, Mozambique,  
Namibia, Rwanda, Tanzania ,  
Uganda, Zambia, Zimbabwe**



Find out more on the initiative:  
[www.ais.unwater.org/droughtmanagement](http://www.ais.unwater.org/droughtmanagement)



# Workshop Agenda: Day 1



**Session 1: Opening and overview of the Initiative/workshop**

**Session 2: Setting the scene**

- **Keynote presentation (Donald Wilhite, University of Nebraska)**
- **Biodiversity and Drought (David Coates, CBD)**
- **Presentation and discussion of Country Reports (12 Countries)**

# Wednesday, Day 2



## Morning

### Session 3:

- ❖ Drought monitoring and early warning systems  
(Robert Stefanski, WMO)
- ❖ Breakout group discussions

## Afternoon

### Session 4:

- ❖ Vulnerability and risk assessment (Sergio Zelaya, UNCCD)
- ❖ Breakout group discussions

# Thursday, Day 3



## Morning

### Session 5:

- ❖ Drought preparedness, mitigation and responses **(Mohamed Bazza, FAO)**
- ❖ Breakout group discussions

## Afternoon

### Session 6:

- ❖ Towards action plan: Developing Drought management policy **(Daniel Tsegai, UNW-DPC)**
- ❖ Breakout group discussions

## Session 7: Wrap up and Field visit

- ❖ Discussion of “TAKEHOME” messages and foreseen challenges
- ❖ Final Remarks (Local Partners & organizers)
- ❖ Field Visit

# UNW-AIS

UN-Water *Activity* Information System

**Discover, learn and share!**

An integrated online information system and  
e-learning platform for water-related activities



[www.ais.unwater.org](http://www.ais.unwater.org)

UNW-AIS is managed by UNW-DPC



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# NDMP on UNW-AIS



UNW-DPC

UN WATER | UNW-AIS  
UN-Water Activity Information System

Home Projects Publications **Learning** Platforms UN-Water

Home > Topics > Climate Change and Disaster Risk Management > National Drought Management Policies Initiative

**Topic outline**

A UN-WATER INITIATIVE  
**Capacity Development to Support National Drought Management Policies**

WMO FAO UNCCD UN WATER

The World Meteorological Organization (WMO), the Food and Agriculture Organization of the United Nations (FAO) and the United Nations Convention to Combat Desertification (UNCCD) in cooperation with the UN-Water Decade Programme on Capacity Development (UNW-DPC) have initiated the Joint Capacity Development Project on National Drought Management Policies. The project was launched by an international kick-off workshop in Geneva in March 2013, and will be followed by a series of regional workshops in several drought-prone regions worldwide in 2013-2014. After the workshop series, the initiative will close with a final wrap-up conference.

It has been estimated that droughts are the world's costliest natural disaster, accounting for a cost of 6-8 billion US dollars annually, and affect more people than any other form of natural disaster (Wilhite, 2000). They are considered to be the most far-reaching of all natural disasters, causing short and long-term economic losses as well as significant secondary and tertiary impacts, particularly in the food, water and energy sectors. Droughts are considered to impact nations and countries around the world with dramatic economic and ecologic damage. To reduce the societal vulnerability to droughts, the initiative aims to reinforce a paradigm shift to overcome prevailing

UNW-AIS is managed by UNW-DPC

Feedback Form

UN-Water

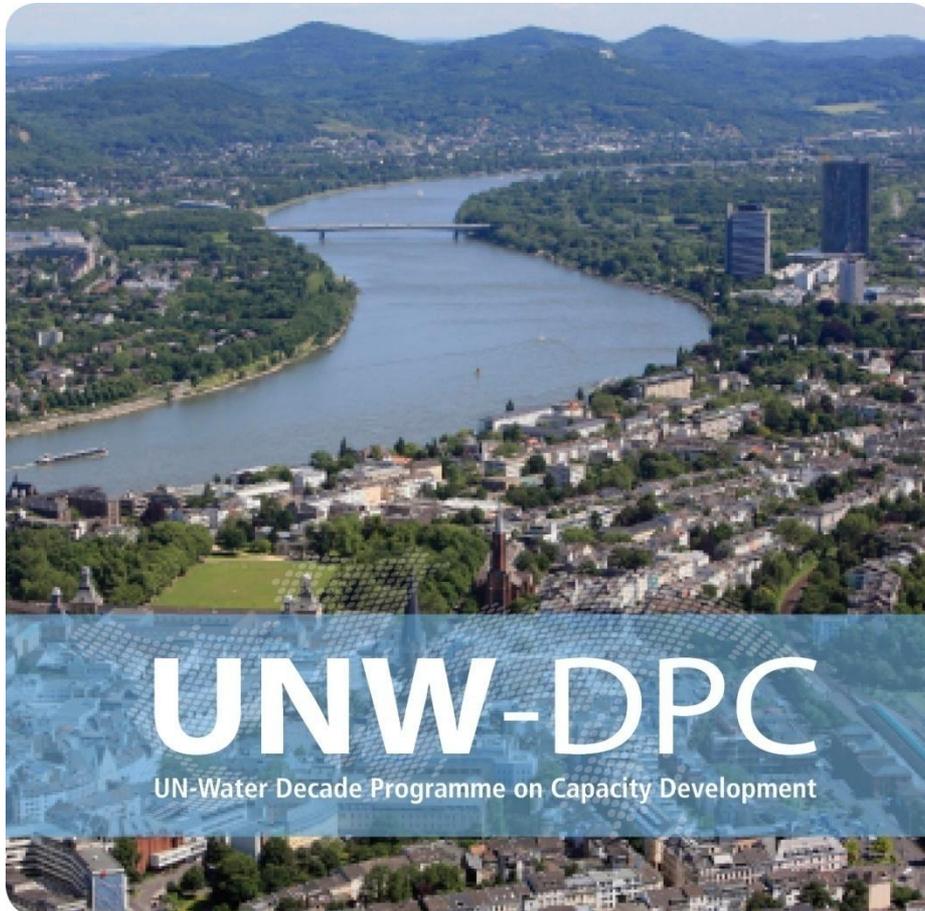
UN\_Water Interested in "Safe Use of Waste Water in Agriculture"? Check out <http://t.co/BQwveb9Uqj> #UNWais <http://t.co/ZBGMbZswis> 19 hours ago · reply · retweet · favorite

UN\_Water Find out about Water & Climate change projects from #UNwater

Documents the activities of the initiative can be found at:  
[www.ais.unwater.org/droughtmanagement](http://www.ais.unwater.org/droughtmanagement)

# Thank you!

UNW-DPC



**UN-Water Decade Programme on  
Capacity Development  
(UNW-DPC)**

**UNITED NATIONS UNIVERSITY**

UN Campus

Platz der Vereinten Nationen 1

D-53113 Bonn, Germany

Phone: + 49 (0) 228 815-0652

Fax: + 49 (0) 228 815-0655

E-Mail: [info@unwater.unu.edu](mailto:info@unwater.unu.edu)

[www.unwater.unu.edu](http://www.unwater.unu.edu)



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A UN-Water Initiative

UN WATER



Moving from crisis to risk management

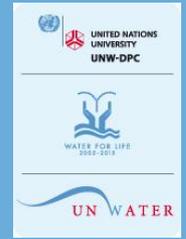
# Capacity Development to Support National DROUGHT Management Policies



Find out more on the initiative:  
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# UNW-DPC's mission



- Enhance coherence and effectiveness of **capacity development activities** of UN-Water members and partners
- **Strengthen the capability** of UN-Water members and partners **to support member states** to achieve the MDGs

# Implementation Mechanism



UNW-DPC



**Kick-Off workshop**  
12 March 2013, Geneva



## Regional Workshops:

1. Eastern Europe ✓
2. **Latin America & the Caribbean**
3. Asia-Pacific
4. Africa