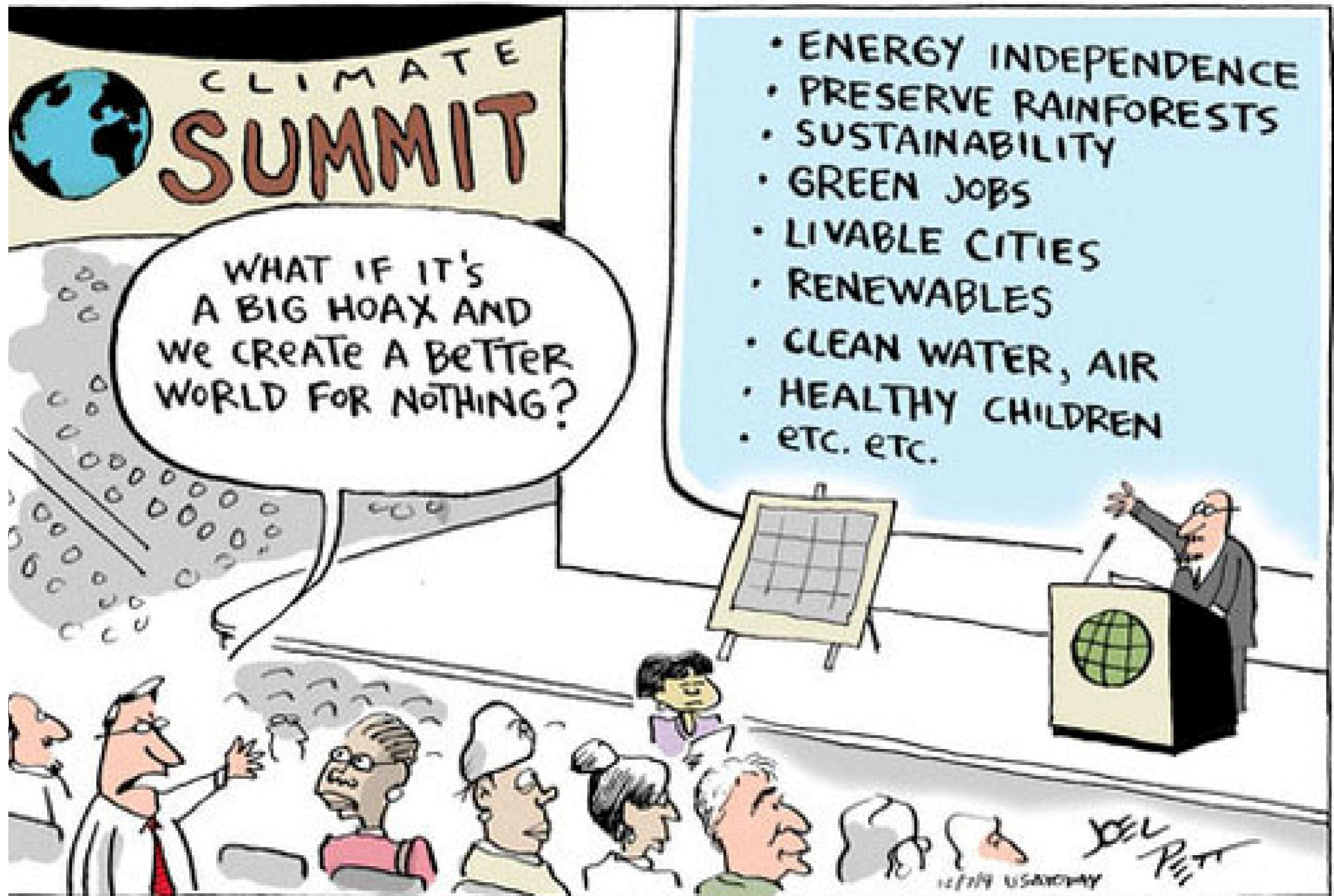




# **STRENGTHENING CLIMATE INFORMATION AND EARLY WARNING SYSTEMS FOR CLIMATE RESILIENT DEVELOPMENT AND ADAPTATION TO CLIMATE CHANGE**



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# CLIMATE SUMMIT

WHAT IF IT'S  
A BIG HOAX AND  
WE CREATE A BETTER  
WORLD FOR NOTHING?

- ENERGY INDEPENDENCE
- PRESERVE RAINFORESTS
- SUSTAINABILITY
- GREEN JOBS
- LIVABLE CITIES
- RENEWABLES
- CLEAN WATER, AIR
- HEALTHY CHILDREN
- etc. etc.

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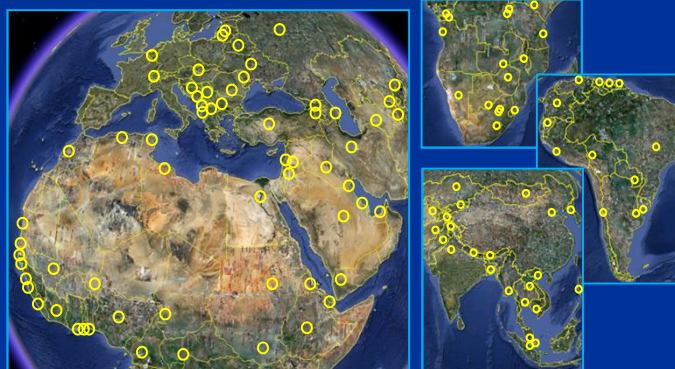


# The United Nations Development Programme



1

We are on the ground in 177 countries and territories worldwide: we understand the local context



2

We provide climate change mitigation expertise, with a \$4 billion project portfolio in sustainable energy



Access to electricity (on- and off-grid):

\$260m + \$900m  
in co-financing\*



Energy efficiency and conservation:

\$265m + \$1.2bn  
in co-financing



Sustainable transport systems:

\$85m + \$820m  
in co-financing

3

We provide expertise on adaptation, with a project portfolio in excess of \$ 2 billion (including \$750 million + in grants)



Integrated Strategies



Resilient Livelihood



Climate Information & Early Warning



Ecosystem Based Adaptation



Resilient Water Management



Resilient Energy & Infrastructure

4

We implement a detailed approach for developing Low-Emission, Climate-Resilient Strategies

## UNDP's Low Emission Climate Resilient Development Strategies

**STEP 1**  
Design multi-stakeholder participatory climate planning and coordination process based on existing structures

**STEP 2**  
Prepare climate change profiles and vulnerability scenarios

**STEP 3**  
Identify strategic options leading to Green LECD trajectories

**STEP 4**  
Prioritize strategic options through technological, social, and financial feasibility and cost-benefit analysis

**STEP 5**  
Prepare a Green, LECD roadmap

\* Project portfolio amounts relate to the period 1992-2014

# Key Challenges

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- **National capacities** are required to navigate complex landscape and allow countries to access different forms of relevant finance and deliver integrated development benefits
- **Funding mechanisms not widely established** to deliver integrated CCA and CCM benefits; focus on one or another
- **Need to catalyze private finance**: public finance alone is insufficient to meet demands of climate challenge, must catalyze greater volumes of private finance
- **Limited alignment between climate and development**: to drive economy-wide transformation, and to mainstream climate expenditures into planning and development policy



# UNDP Programming Portfolio: UNDP-GEF Signature Programmes

Climate  
Information &  
Early Warning  
Systems

**Supporting the development/strengthening of Climate Information and Early Warning Systems for countries respond to both short-term/rapid onset climatic hazards, as well as long-term/slow onset change**



- Rapid transfer and deployment of weather, climate observation and prediction technology
- Strengthen human and financial systems
- Improve the way information is used for planning, including risk knowledge, monitoring and predicting, disseminating information and responding to warnings

## Status of UNDP Support (by end 2014):

*Countries: 36*

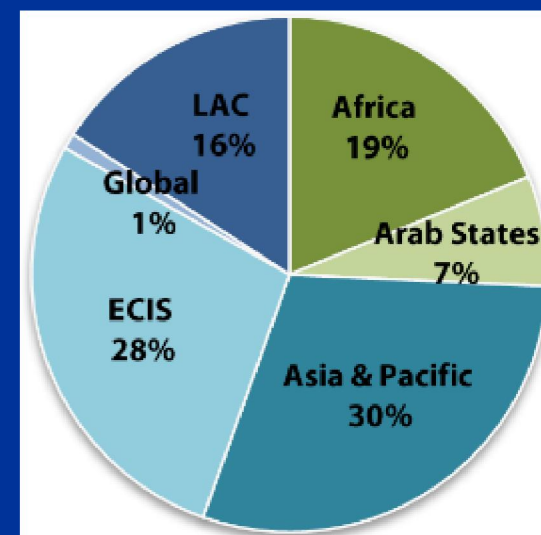
*Number of Initiatives: 38*

*Source of Funding: LDCF/SCCF/Adaptation Fund*

*BMU, AusAID, Governments*

*Grants : USD 148 million*

*Total value of investments: USD 546 million*



# Strengthening Climate Information and Early Warning Systems in Africa



*Without appropriate climate information (type, frequency) managing, planning and coordinating adaptation to climate change is challenging.*

Two components:

- **Transfer of technologies** for climate and environmental monitoring
- **Climate information integrated into development plans** and early warning systems

**Long-term expected Goal:**

*To contribute towards all national and sub-national efforts to strengthen resilience*



# Existing UNDP Tools and Guidance in English – some available in French, Spanish, Russian



<http://climatefinanceoptions.org/cfo/index.php>



<http://www.undp.org/climatestrategies>





**Thank you**