

South Asia GWP: Rationale and scope for Regional Integrated Drought Management Program



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Coverage

- South Asia-significance of droughts
- Introducing a Regional Program
- Fast Moving Climate Change Realities
- Way Forward- Approving and implementing an IDM program in South Asia



Why South Asia? Or why not!

- Population
- Poverty and MDG's
- Fragile democracies
- Droughts require investment in resilience
- Numerous hotspots-thus high returns to early warning, planned response and DRR
- Agriculture under CC stress-drought impacts food security and livestock asset management
- Global impacts and spill-over affects





Gear up for a drought year.

Strong basis to fund proposal?

- South Asian region have been among the perennially drought-prone regions of the world.
- Afghanistan, India, Pakistan and Sri Lanka have reported droughts at least once in three years in the past five decades, while Bangladesh and Nepal also suffer from drought frequently. New evidence of extremes mounting
- If this issue is not taken up now, the climate change impacts would worsen in the South Asia region and disaster would be of unimaginable magnitude. Test case resettlement-example
- Science based meteorology needs wider application, institutional base and capacity building can have high pay-offs
- Proposal Outlines a South Asia region endowment fund to address drought to devise the conceptual framework & blueprint of a Regional Drought Management Center.





A world map with a dark blue background and orange-brown landmasses. The Pacific Ocean is highlighted in a lighter blue. Text overlays are present: a dark blue circle on the left containing the text 'MONSOON TO WEAKEN FURTHER?', a grey box below it with 'El Nino Gets Stronger', and a white bullet point at the bottom with the text 'Stronger El Nino will weaken monsoon further'. Labels 'PACIFIC OCEAN' and 'NORTH AMERICA' are also visible on the map.











**MONSOON
TO WEAKEN
FURTHER?**

El Nino Gets Stronger

- **Stronger El Nino will weaken monsoon further**

INDIA STATES SUFFERING DROUGHTS AND FLOODS



- | | |
|---|---|
|  DROUGHT |  FLOODS |
|  1 Rajasthan |  5 Bihar |
|  2 Madhya Pradesh |  6 Assam |
|  3 Uttar Pradesh |  7 Meghalaya |
|  4 Chattisgarh |  8 Tripura |
| |  9 Arunchal Pradesh |



Approach, Key Objective & Spatial Coverage

- Approach
Global coordination of efforts to strengthen drought monitoring, risk identification, drought prediction and early warning services and development of drought management knowledge base.
- Key Objective:
To mitigate adverse impacts of drought through regional and country level policy making and strategy development.
- Program Linkage and Spatial Coverage:
Program will establish linkage between regional and national drought policy objectives. Spatial coverage is regional, integrated with national drought programs of participating countries.

Activities Planned

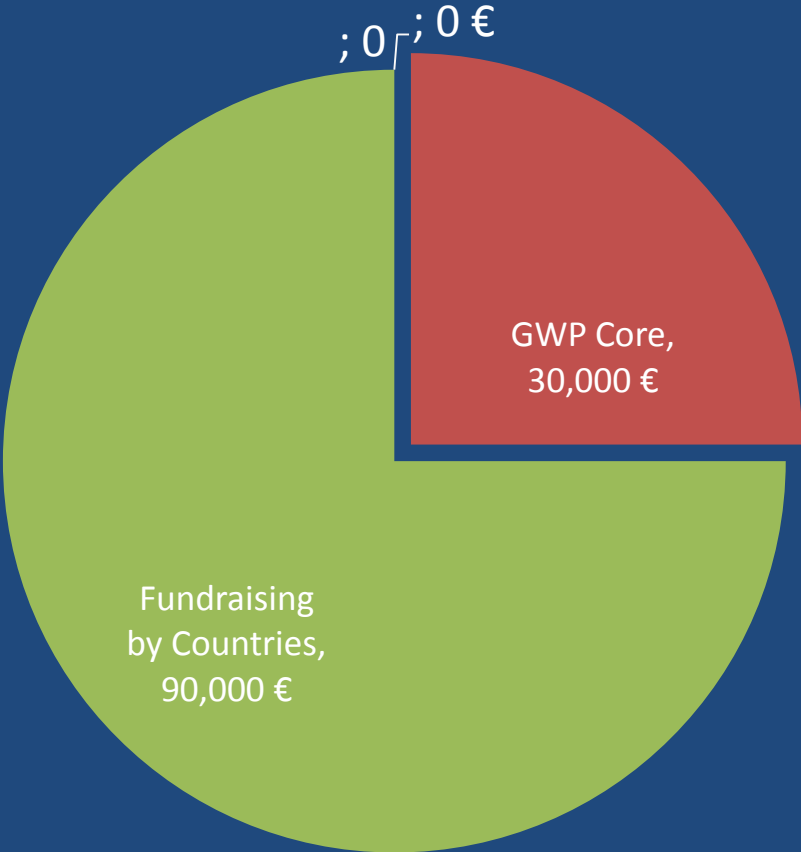
- Review and assessment of current state of knowledge at national and regional level including national policies and strategies.
- Identify stakeholders at all (regional, national and local including the key vulnerable area) levels.
- Engage stakeholders through documentation, conferences, meetings, public hearings and dialogues.
- Mapping of key hotspots/vulnerable areas including key variables at national and regional level.
- Development of medium and long term strategic plans with outlines for Regional and National Action Plans
- Preparation/Publication of policy papers with concrete suggestions to incorporate in National Policies of respective Governments to develop regional strategies for drought management.

Benefits and Beneficiaries

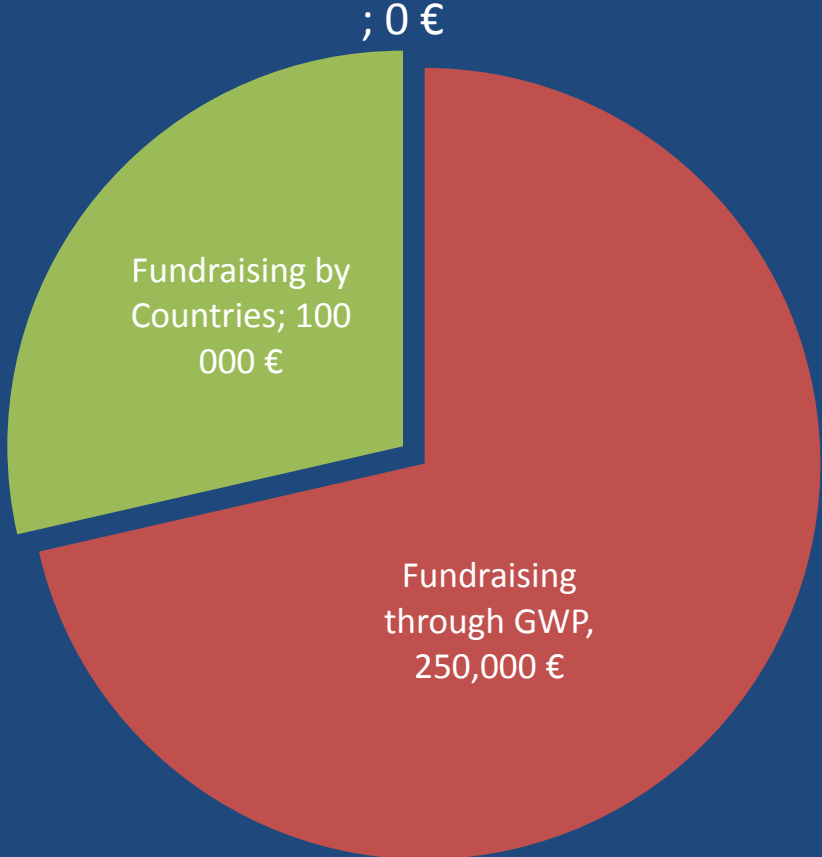
- Benefits
 - Outline of South Asia region endowment fund to address drought.
 - Conceptual framework & blueprint of a Regional Drought Management Center
- Beneficiaries:
 - Government agencies and decision makers responsible for developing drought management policies and/or implementing systems for drought monitoring, prediction, preparedness and mitigation.
 - Non governmental organisations involved in global, regional and national advocacy and drought response efforts; and stakeholders vulnerable to drought in the regional countries.
 - Most marginalized and vulnerable—mitigate extremism

Financial Requirements and Funding

Inception Phase (120,000€)



Implementation Phase (350,000€)



Major outputs

- Outline of South Asia Region endowment fund to address droughts
- Conceptual framework and blueprint of a Regional Drought Management Center
- Identification of vulnerable areas, and medium and long term strategic plans
- Policy papers incorporating policy recommendations for national governments
- Institutional Strengthening and enhanced regional and international networking
- Synergy with Integrated Flood Management-two pillars of main CC threats addressed

A close-up photograph of a bouquet of white tulips. The flowers are in various stages of bloom, with some fully open and others as buds. The green leaves are long and pointed, interspersed among the white petals. The background is a plain, bright white, which makes the flowers stand out. The lighting is soft and even, highlighting the texture of the petals and the smooth surface of the leaves.

Thank you