

IDMP

Integrated Drought Management Programme



**BUILDING
DROUGHT
RESILIENCE
TO REDUCE
POVERTY**

Background

Launched by WMO and GWP in 2013 at High-Level Meeting on National Drought Policies (HMNDP) to support implementation of the HMNDP outcomes

[Excerpt of HMNDP final declaration, emphasis added]

- Develop **proactive drought impact mitigation, preventive and planning measures**, risk management, fostering of science, appropriate technology and innovation, public outreach and resource management as key elements of effective national drought policy
- Promote **greater collaboration** to enhance the quality of local/national/regional/global observation networks and delivery systems
- **Improve public awareness of drought risk and preparedness for drought**
- Consider, where possible [...] **risk reduction, risk sharing and risk transfer tools in drought management plans**
- **Link drought management plans to local/national development policies**

IDMP

Integrated Drought Management Programme

Approach

■ Proactive rather than Reactive:

- Focus on drought prevention, mitigation, vulnerability reduction, planning and preparedness (including monitoring and early warning)
- Consider all aspects of disaster risk management and shift the focus to Risk Management (rather than crisis management)

■ Horizontal Integration:

- Draws on the principles of Integrated Water Resources Management
- Bring together partners from different disciplines and sectors to find solutions (sectoral approaches from the past are limited in reducing drought impacts)
- Highlight approaches to Integrated Drought Management of its partners, with a spirit that more can be achieved working together

■ Vertical Integration:

- Connects and exchanges experiences among the global, regional, national and local level
- Principles of Integrated Drought Management are adapted to the context applied

Approach

■ Knowledge Sharing:

- Connect knowledge providers with those seeking knowledge (IDM HelpDesk)
- Provide entry points to understand and apply the principles of Integrated Drought Management, pointing as much as possible to existing knowledge (see National Drought Management Policy Guidelines)
- Rather than producing new scientific/ highly technical knowledge, the IDMP closes gaps in knowledge and in communicating/applying existing knowledge

■ Demonstration Projects:

- Innovation - applying the principles of Integrated drought management
- Build on existing efforts that are scalable and make a significant contribution to building drought resilience through an integrated approach

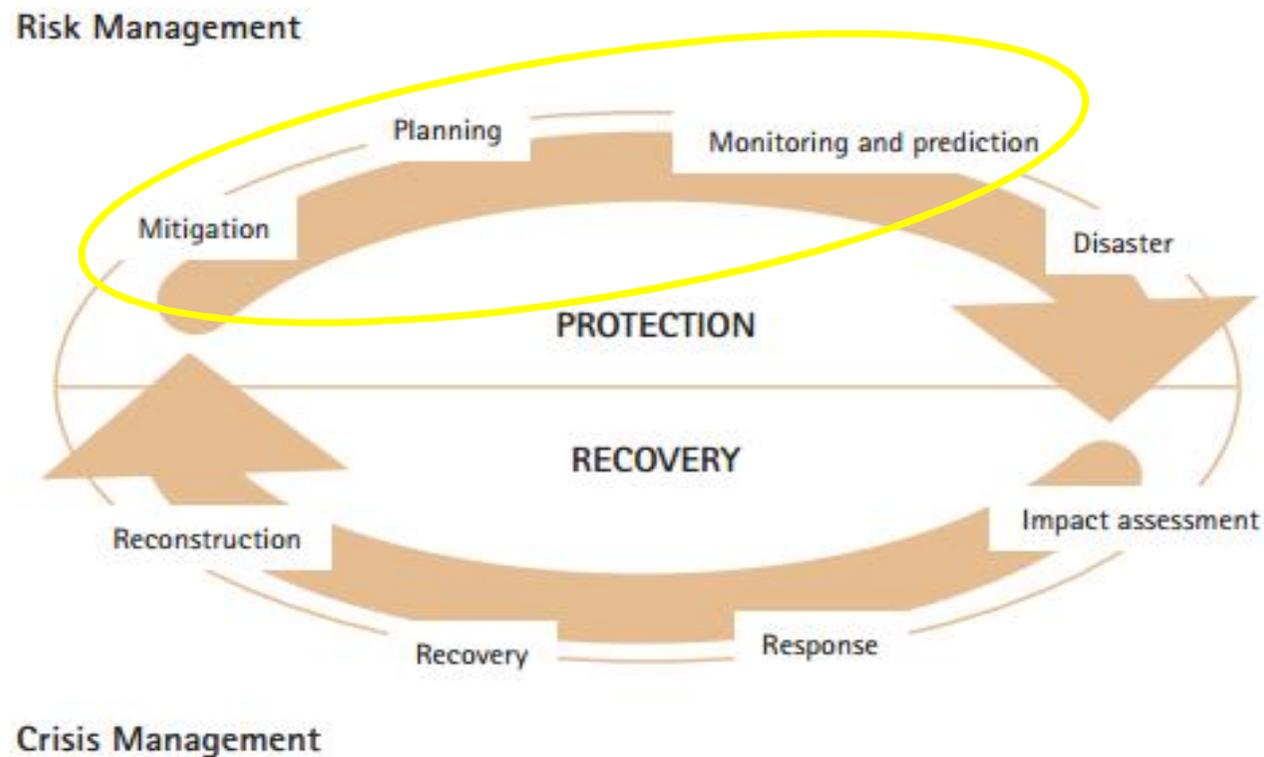
■ Develop Capacities:

- Through the above and closing gaps where necessary through trainings that add value and collaboration with partners

IDMP

Integrated Drought Management Programme

The cycle of Disaster Management



Source: National Drought Mitigation Center, University of Nebraska-Lincoln

Components



Partners

- FAO Food and Agriculture Organization of the United Nations
- UNCCD United Nations Convention to Combat Desertification
- Australian Bureau of Meteorology
- UN CBD UN Convention on Biological Diversity
- ICARDA International Center for Agricultural Research in the Dry Areas
- ICID International Commission for Irrigation and Drainage
- IWMI International Water Management Institute
- JRC Joint Research Centre
- CONAGUA Mexico's National Water Commission
- SEI Stockholm Environment Institute
- AEMET Spanish Meteorological Agency
- NDMC U.S. National Drought Mitigation Center
- UNDP Cap-Net
- UNDP United Nations Development Programme
- UNESCO United Nations Educational, Scientific and Cultural Organization
- UNEP United Nations Environment Programme
- UNISDR United Nations Office for Disaster Risk Reduction
- University of Nebraska Daugherty Water for Food Institute
- University of Southern Queensland
- UNW-DPC UN-Water Decade Programme on Capacity Development
- World Bank

Part of the Global Framework for Climate Services

GFCS Goal:

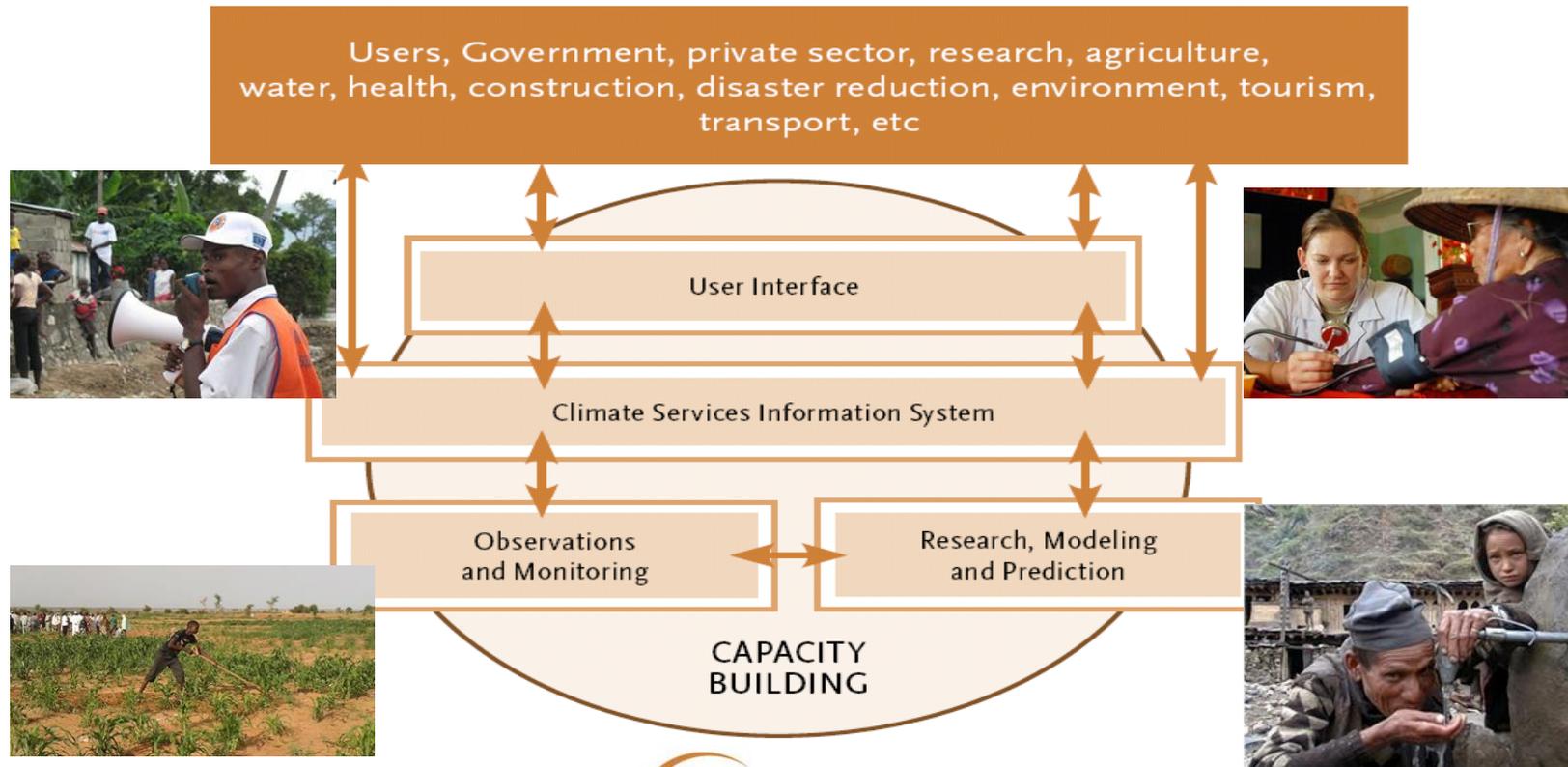
Enable better management of the risks of climate variability and change and adaptation to climate change at all levels, through development and incorporation of science-based climate information and prediction into planning, policy and practice.

GFCS Priority Areas:

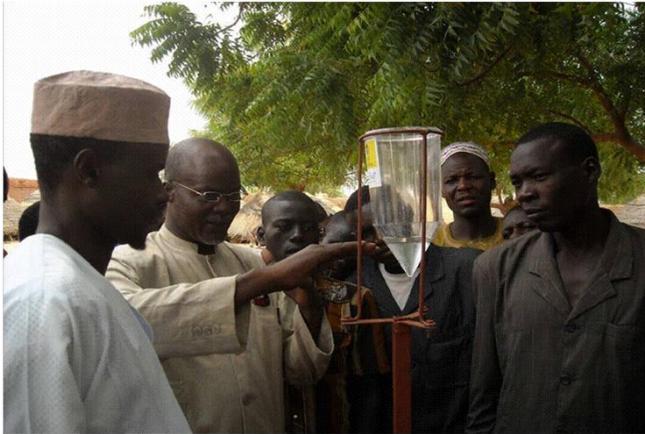
Agriculture; Disaster Risk Reduction; Water; Health



GFCS Pillars & Priority Areas



West Africa pilot projects



Pilot projects in Burkina Faso, Chad, Mali, Niger, Senegal



Burkina Faso and Niger Plans of Action

Mali, Chad and Senegal Plans of Action – being developed

Regional Coordinator for the Sahel

Next steps:

Coordination with IDMP West Africa

Implementation with GFCS partners

Mainstreaming in the NAPs process



Regional Programmes and Initiatives

Support action and implementation on the ground,
adding to existing efforts the strength of IDMP and its partners

- **Central and Eastern Europe (2013):** Bulgaria, Czech Republic, Hungary, Lithuania, Moldova, Poland, Romania, Slovakia, Slovenia, Ukraine
- **Horn of Africa (2014):** Djibouti, Eritrea, Ethiopia, Kenya, Somalia, South Sudan, Sudan and Uganda.
- **West Africa (2014):** First in Burkina Faso, Niger and Mali, and then share lessons learned with other neighbouring countries through the WMO partners, GWP Country Water Partnerships and other partners.
- **South Asia Drought Monitoring System (2014):** with IWMI in Bhutan, Bangladesh, Nepal, India, Pakistan and Sri Lanka
- **Central America (2013):** Regional workshop leading to training on SPI and assessment of current drought.
- **South America (tbc 2015):** Regional workshop in Bolivia potentially leading to follow-up activities with partners.

Example: IDMP Central and Eastern Europe

■ **Implementation:** executed by GWP CEE; started in June 2013; 64 agreements with 28 institutions. Fundraising for continuation beyond 2015 ongoing.

■ **Focus:**

- Awareness raising
- National Drought Policies/ Action Plans:
 - Guidelines for preparation of the drought management plans within river basin management plans according to EU Water Framework Directive
 - National consultation dialogues to discuss preparation of drought management plans
- Drought monitoring platform with information for the region on the status of drought (enhancing existing web-based platform)
- Demonstration projects testing innovative solutions for better resilience to drought
- Capacity building trainings and workshops on national and regional levels
- Documentation: Compendium of good practices



National initiatives

■ PRONACOSE Mexico:

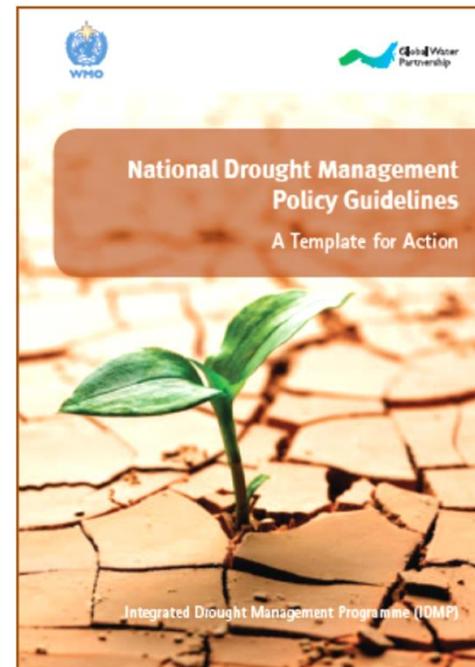
- National Program against Drought (PRONACOSE) slated to run for the next 6 years in Mexico's 26 basin councils
- IDMP will provide technical advice, capacity building, project management and links to international expertise and platforms
- Work Programme has been developed as part of the WMO/CONAGUA PREMIA project.

■ Support to Turkish Government:

- In line with the recommendations of the HMNDP (March 2013), the Government of Turkey through the Turkish State Meteorological Service (TSMS) started a process to formulate a national policy on drought management
- IDMP requested to provide guidance and international expertise
- IDMP contributes technical guidance and experiences from the Mexican PRONACOSE and the IDMP Central and Eastern Europe.

National Drought Management Policy Guidelines

- Adapting of 10-step process by Don Wilhite (National Drought Mitigation Center at the University of Nebraska-Lincoln)
- Response to need articulated at High-level Meeting on National Drought Policy (HMNDP)
- **Template** that can be adapted to national realities and needs
- Building on **existing risk management capacities**



IDMP

Integrated Drought Management Programme

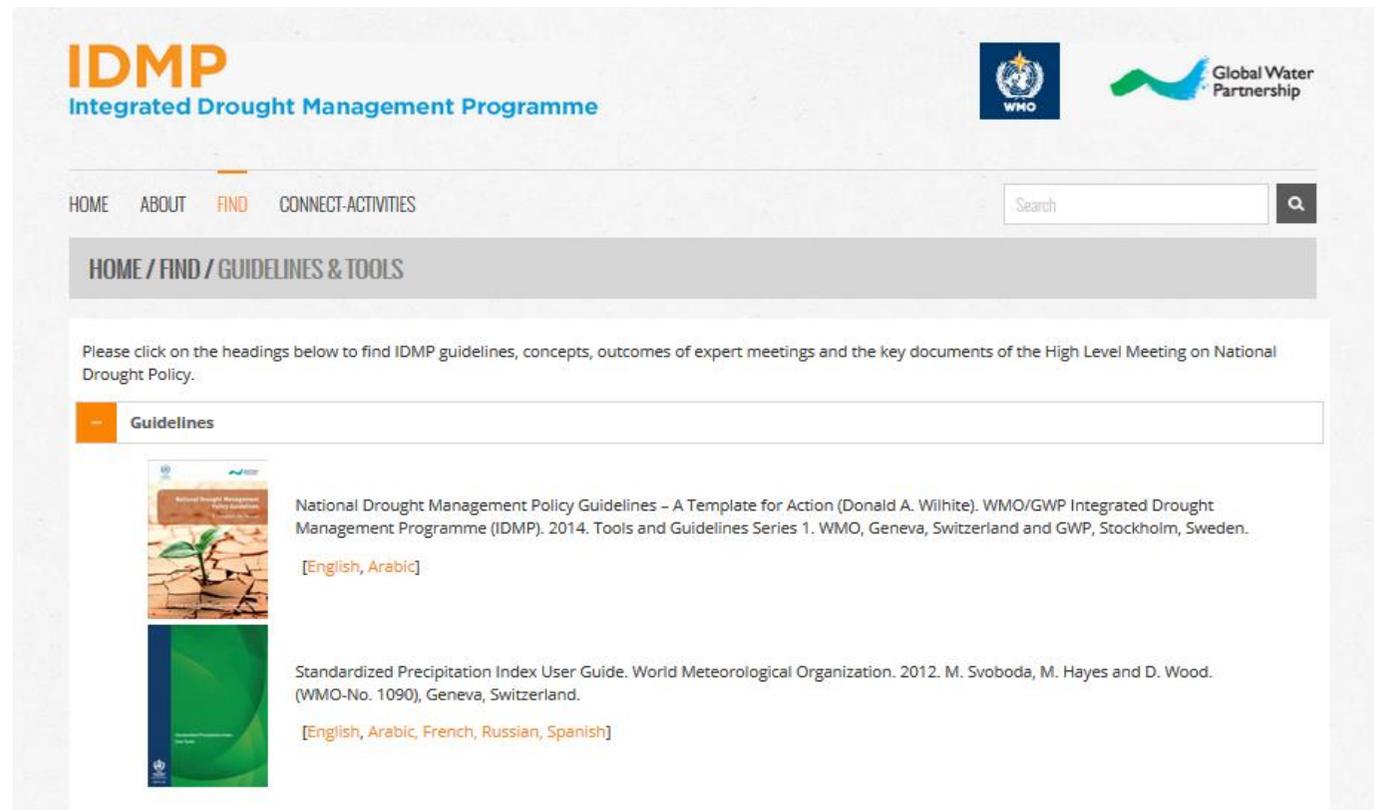
Drought Management Library

The screenshot displays the IDMP website's library page. At the top left, the IDMP logo is shown with the text 'Integrated Drought Management Programme'. To the right are logos for WHO and the Global Water Partnership. A navigation menu includes 'HOME', 'ABOUT', 'FIND', and 'CONNECT-ACTIVITIES'. A search bar is located on the right side of the menu. Below the menu, a breadcrumb trail reads 'HOME / FIND / LIBRARY'. A search input field is labeled 'Search:' and is currently empty. To the right of the search field, there is a link 'Click here for a list of acronyms' and a dropdown menu set to '25' entries. Below this is a table with the following structure:

Organization	Year	Title and Description	Preview
ADB	2012	Drying Up: What to do about Droughts in the People's Republic of China This publication addresses the issue of droughts and water management in the People's Republic of China (PRC) for environmentally sustainable development. It consolidates the highlights from several recent ADB strategic studies that relate to improving disaster risk management and water resources management in the PRC, and represents current policy direction in the Ministry of Water Resources, with whom ADB worked closely in developing this knowledge product. One interesting finding from these studies is that drought management in the PRC follows the reactive mode of its flood management system, which limits official uses of disaster relief funds until after an emergency is declared.	
ADB	2003	Kazakhstan - Issues and Approaches to Combat Desertification	

www.droughtmanagement.info/library/

Drought Management Guidelines and Tools



The screenshot shows the IDMP website interface. At the top left, the logo reads 'IDMP Integrated Drought Management Programme'. To the right are the logos for WMO and the Global Water Partnership. A navigation menu includes 'HOME', 'ABOUT', 'FIND', and 'CONNECT-ACTIVITIES'. A search bar is located on the right. Below the navigation is a breadcrumb trail: 'HOME / FIND / GUIDELINES & TOOLS'. A text block instructs users to click on headings to find IDMP guidelines, concepts, outcomes of expert meetings, and key documents from the High Level Meeting on National Drought Policy. Under the 'Guidelines' heading, two items are listed:

- 

National Drought Management Policy Guidelines – A Template for Action (Donald A. Wilhite). WMO/GWP Integrated Drought Management Programme (IDMP). 2014. Tools and Guidelines Series 1. WMO, Geneva, Switzerland and GWP, Stockholm, Sweden.
[English, Arabic]
- 

Standardized Precipitation Index User Guide. World Meteorological Organization. 2012. M. Svoboda, M. Hayes and D. Wood. (WMO-No. 1090), Geneva, Switzerland.
[English, Arabic, French, Russian, Spanish]

www.droughtmanagement.info/find/guidelines-tools

Integrated Drought Management Helpdesk

Bundle Expertise

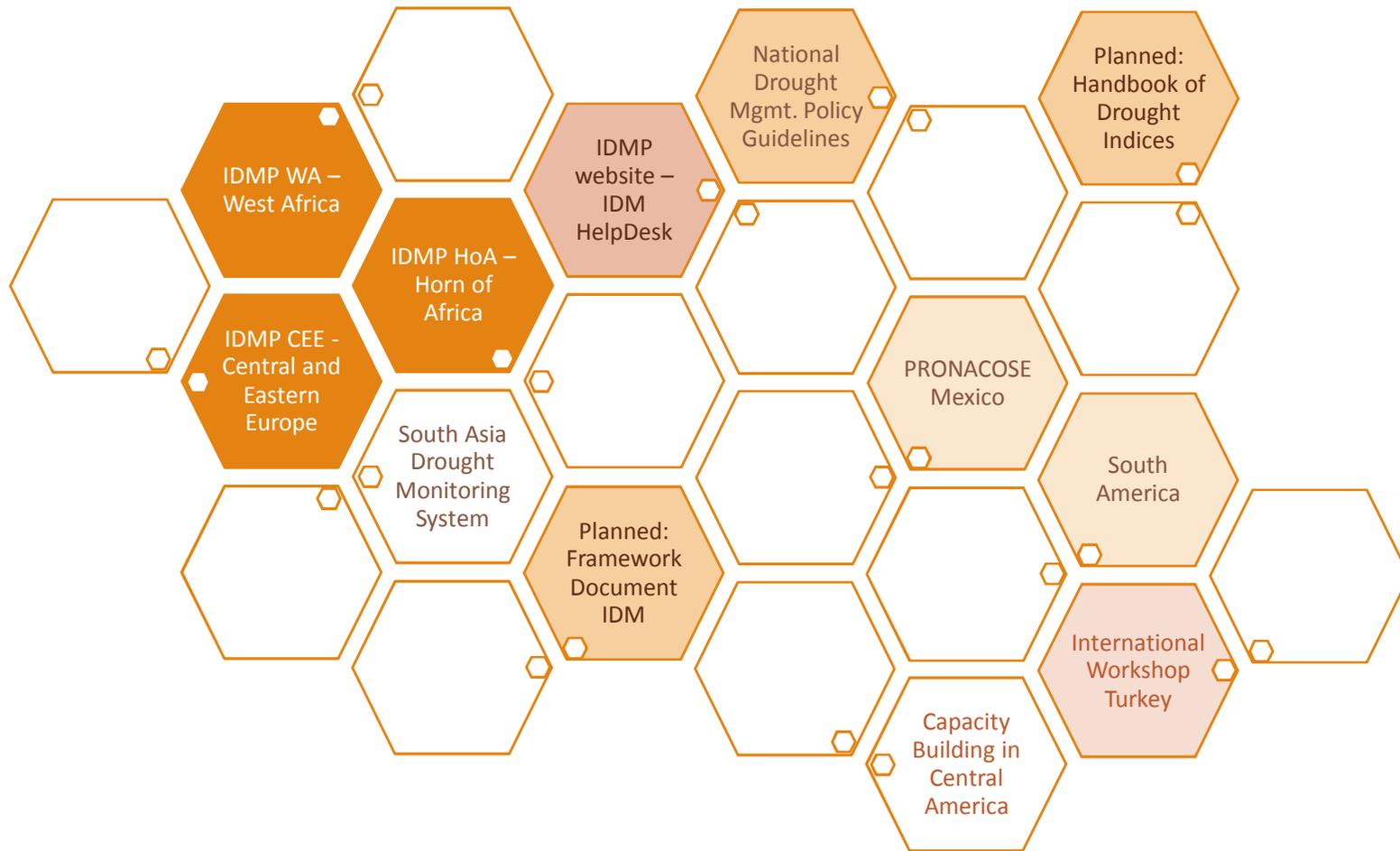
Spirit of Collaboration

Provide Entry Points



www.droughtmanagement.info

IDMP
Integrated Drought Management Programme



For further information



www.droughtmanagement.info

idmp@wmo.int

IDMP

Integrated Drought Management Programme