

IDMP

Integrated Drought Management Programme



**BUILDING
DROUGHT
RESILIENCE
TO REDUCE
POVERTY**

Agenda of the IDMP Advisory Committee Meeting

- Welcome, round of introduction, adoption of agenda
- Overview of activities

Tea/ Coffee break

- Presentation and Discussion of IDMP Regional Initiatives
- Strategic Issues
- Marketplace

End of day

- IDM Help Desk current status, development and partner engagement
- Drought Mitigation & Preparedness: Benefits of Action & Costs of Inaction - current status of work and way forward
- Discussion on strategic direction of IDMP
- Update on Co-Sponsoring International Organizations
- 3 Year Work Programme of IDMP 2017-2019
- Any Other Business and wrap-up
 - Recommendations and Final Review of Future Activities
 - Selection of Partners for Management Committee

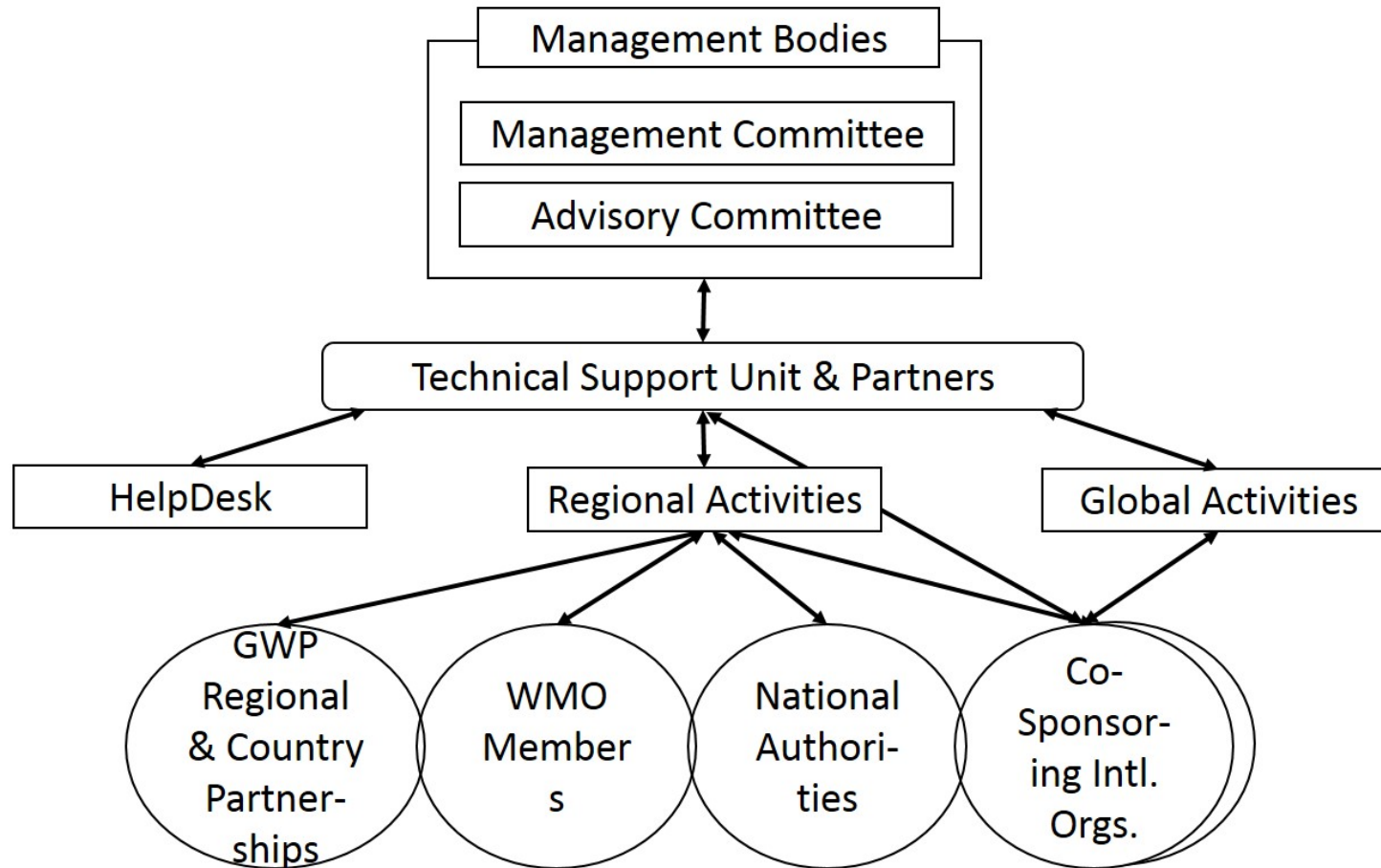
IDMP Background

IDMP was launched by WMO and GWP in 2013 at the 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**

Governance Structure



Follow-up Recommendations from 2016 Meeting

	Completed	In Progress	Not Started	Future
IDMP Management and Publications	3	2	1	
HelpDesk	3	4	1	1
Other Recommendations	4	6	2	

Follow-up of 2016 IDMP AC Recommendations/ MC Decisions 1

Recommendation – AC/MC meeting 2016 <u>Publications</u>	Status
Mainstream 3 Pillar approach	Included in 2017-2019 Work Programme and highlighted in activities and publication (incl. the presentation of the programme)
Integrated Drought Management Framework Document	Pending, second version yet to be finalized
Develop focus and method on Risk, Vulnerability and Impact Assessment	In discussions with UNCCD to issue consultancy to develop further
External Assessment of IDMP Phase 1 with perspective for Phase 2	Completed
Publication on benefits of action / costs of inaction	Released in 2017

Follow-up of 2016 IDMP AC Recommendations/ MC Decisions 2

Recommendation – AC/MC meeting 2016 <u>HelpDesk</u>	Status
Engagement with IDMP Partner focal points to (a) define support (b) specify input of partner (description of partners' expertise)	Completed July 2017 with follow-up continuing
Highlight partners' tools, expertise and initiatives	First steps taken through HelpDesk Support Base Partners page, needs to be further developed
Communications recommendation	Mostly completed, some items pending
HelpDesk Pilot Phase	Initiated Aug-Sept 2017
Help Desk Monitoring of Use and Feedback from users	Continuous
HelpDesk remedial action	Pending gathering of further experience
HelpDesk explore sustainable funding mechanisms	Continuous. Donor Mapping completed

Follow-up of 2016 IDMP AC

Recommendations/ MC Decisions 3

Recommendation – AC/MC meeting 2016

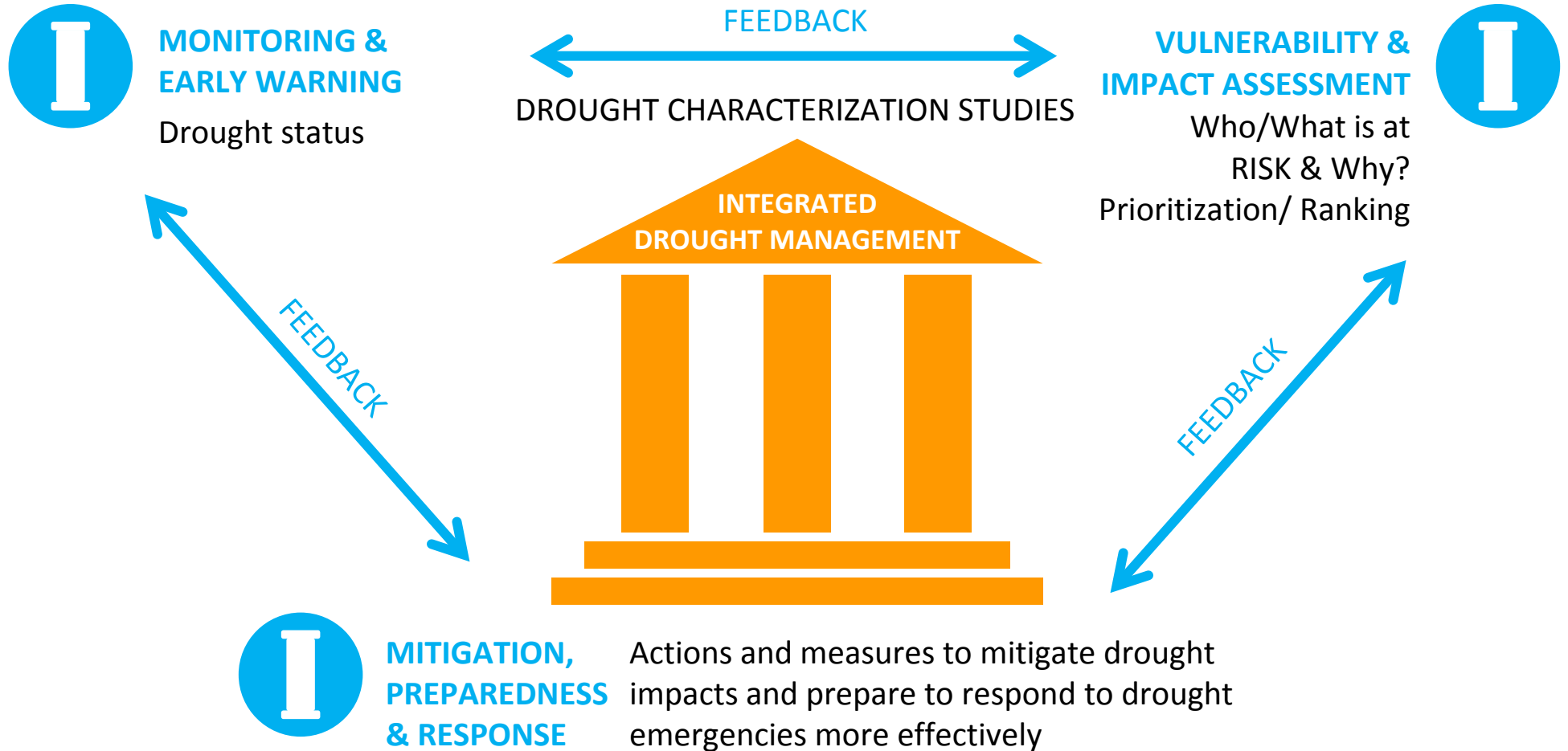
Status

Other Recommendations

Clarify link of IDMP with UNESCO initiative (IDI)	Joint meeting held in March 2017 and follow-up initiated
Strengthen links of IDMP with national initiatives	Collaboration elevated
Share BACI report and IDMP external review report with partners for inputs	Done
Work with UNDP CapNet to revise drought management training manual	Pending
Workshop on drought Monitoring for South America and Central America and initiate regional drought information system	Workshop for South America held August 2017, regional drought information system initiated
Initiate dialogue with a view for suitable funding opportunities with finance/(re)insurance industry	Participation in retreat on financial systems development and insurance and link to GWP Technical Committee on water resources management and insurance

Overall Framework

Based on HMNDP outputs and IDMP AC discussions



IDMP

Integrated Drought Management Programme

Overview of Activities 2016/2017 1/2

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 (since 2013):** Bulgaria, Czech Republic, Hungary, Lithuania, Moldova, Poland, Romania, Slovakia, Slovenia, Ukraine
- **Horn of Africa (since 2014):** Djibouti, Eritrea, Ethiopia, Kenya, Somalia, South Sudan, Sudan and Uganda.
- **West Africa (since 2015):** Burkina Faso, Niger and Mali.
- **South Asia Drought Monitoring System (since 2014):** with IWMI for Afghanistan, Bhutan, Bangladesh, Nepal, India, Pakistan and Sri Lanka
- **Central America (since 2013):**.
- **South America (2015):** Regional drought management workshop in Tucuman, Argentina and regional drought monitoring workshop in Buenos Aires.
- **Pacific Islands (2016):** National Workshop in Solomon Islands; Kiribati and Tuvalu in 2017

Overview of Activities 2016/2017 2/2

■ *Engagement in international processes/meetings*

- African Drought Conference
- UNFCCC COP 22 in Marrakech
- Third UN Special Thematic Session on Water and Disasters
- UN World Water Days Special Event, UNHQ New York
- Global Platform for DRR
- 69th Session of WMO's Executive Council
- FAO, Iran-Netherlands International Seminar on Drought and Agriculture
- Latin America and Caribbean Regional Drought Management Conference in Bolivia

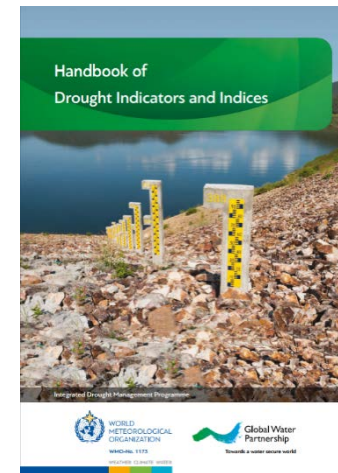
■ Training Activities and Workshops

- WMO Training Workshops on Satellite Data and Products for Drought Monitoring and Agrometeorology (Hungary and Zimbabwe)
- "Sort-Out Drought" Workshop, Dresden, Germany
- Retreat on Financial Systems Development and Insurance
- Training Material for Disaster Risk Reduction for the Limpopo basin
- National Drought Consultations in the Pacific Islands
- Benefits of Action and Costs of Inaction for Drought Mitigation and Preparedness

■ *Publications*

Publications

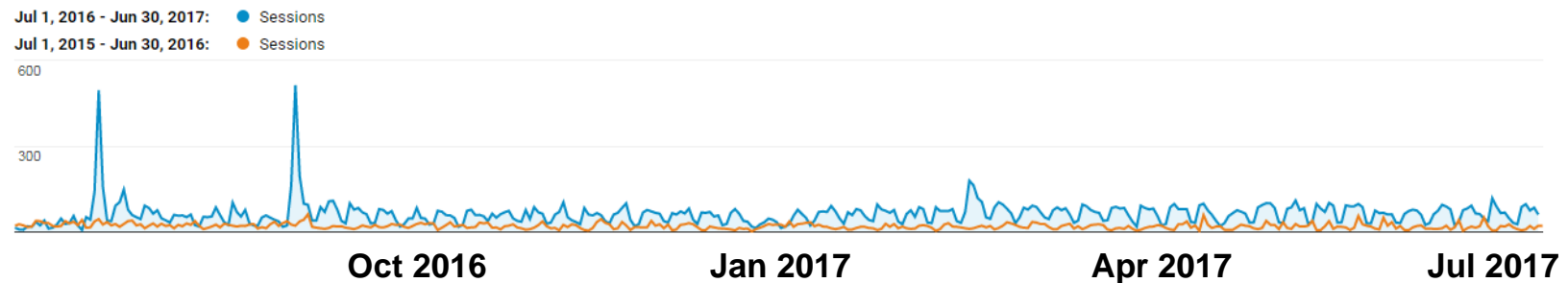
- **Monitoring Drought: A Handbook of Indicators and Indices** (*Published July 2016*)
 - Officially launched at African Drought Conference 15-19 August 2016 in Windhoek, Namibia
 - Online version available on IDMP website
 - **Working Paper on the Benefits of Actions and Costs of Inaction for Drought Preparedness** (*Published February 2017*)
 - **Framework Document on Integrated Drought Management** (*Ongoing*)
 - **Article for special Issue on Droughts of the Water Policy Journal**
 - **Contribution to Book edited by D. Wilhite and R. Pulwarty “Drought and Water Crises: Integrating Science, Management, and Policy, Second Edition”** (to be published October 2017)
 - Integrated Drought Management Initiatives (detailing the experience of the IDMP and related initiatives so far based on the above mentioned journal article released in 2016)
 - National Drought Management Policy Guidelines (based on the publication the IDMP released in 2014),
 - Benefits of action and costs of inaction: Drought mitigation and preparedness – a literature review, (based on the publication the IDMP released in 2017),
 - Handbook of Drought Indicators and Indices development (based on the publication the IDMP released in 2016).
 - **Case Studies** (*Ongoing, IDMP regional programmes*)
- Case Study Guidelines available; Topics for case studies (from HMNDP Science Document):**
- Promoting standard approaches to vulnerability and impact assessment
 - Implementing effective drought monitoring and early warning systems
 - Enhancing preparedness and mitigation actions
 - Implementing emergency response and recovery measures that reinforce national drought management policy goals
 - Understanding the cost of inaction



Outreach

Website

- “Ask” section now live
- Benefits of Action and Costs of Inaction workstream page added
- Library continuously updated (now 246 entries)
- From 1 July 2016 to 30 June 2017
 - **Registered 16,207 users (+179.33%)**
 - **Sessions 23,149 (+211.27%),**
 - **69.72% are by new visitors**



Outreach

■ Website – Statistics from 1 July 2016 - 30 June 2017

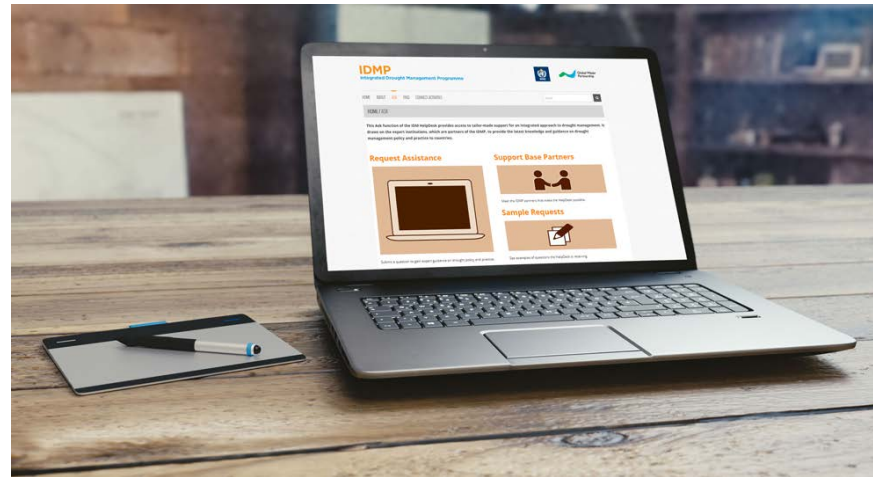
Page	# of times accessed	% of visits	Rank
Handbook of Drought Indicators and Indices	4,308	10.69%	#2
Online Drought Indicators and Indices Handbook	3,891	9.66%	#3
Standardized Precipitation Index (SPI)	1,939	4.81%	#4
Palmer Drought Severity Index (PDSI)	1,779	4.41%	#6
Crop Moisture Index (CMI)	833	2.07%	#8
Vegetation Condition Index (VCI)	673	1.67%	#9
Standardized Precipitation Evapotranspiration Index (SPEI)	655	1.63%	#11

Outreach

■ Website – Statistics from 1 July 2016 - 30 June 2017

Page	# of times accessed	% of visits	Rank
Find - Library	1,907	1.41%	#5
Find - Guidelines/Tools	644	1.65%	#10
Find	570	1.41%	#13
Connect - IDMP CEE	450	1.12%	#19
Connect - IDMP DMS	341	0.58%	#31
Connect – Activities	324	0.80%	#34
Connect - IDMP Central America	320	0.79%	#35
Connect - IDMP HOA	313	0.78%	#38
Connect - IDMP WAF	198	0.49%	#45

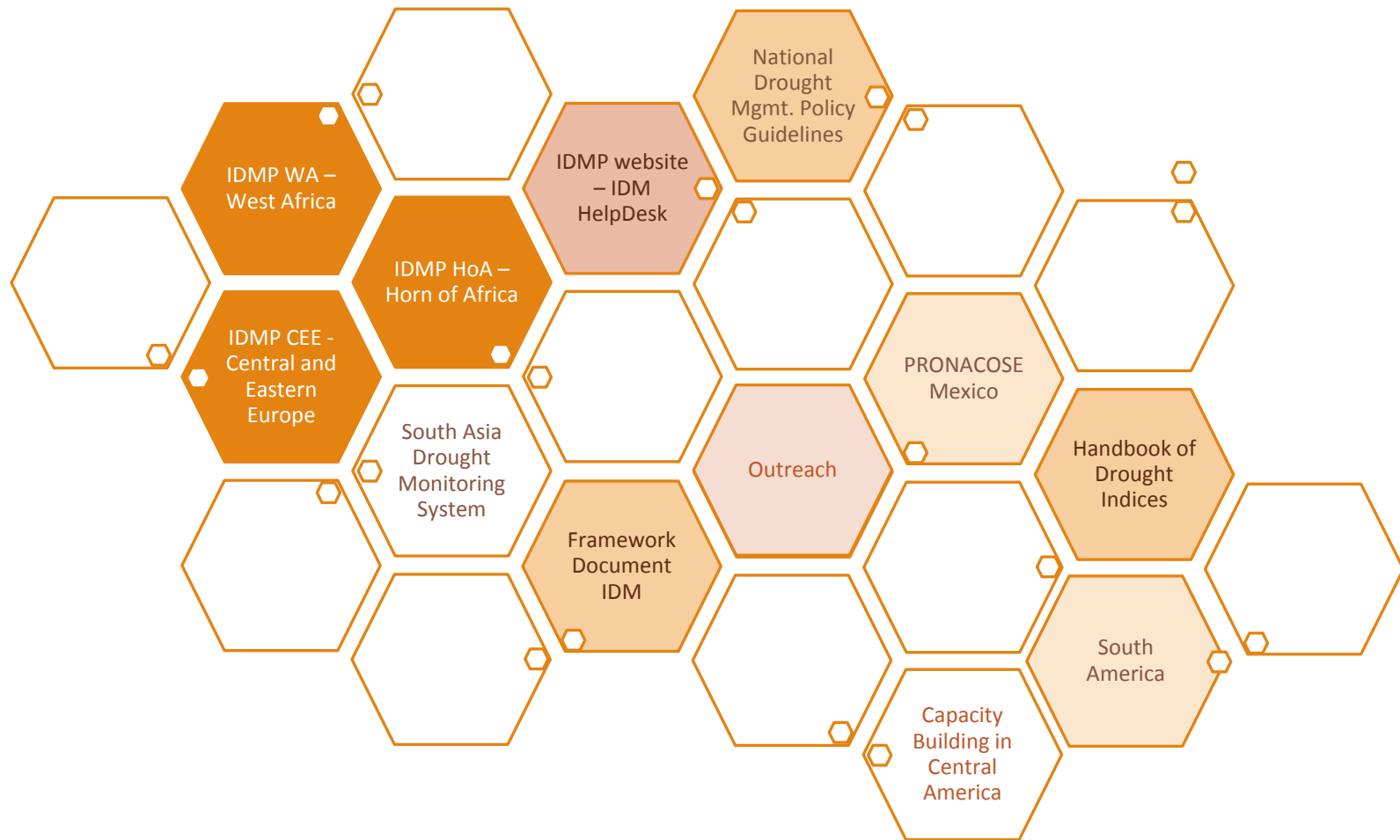
IDM HelpDesk



■ ASK function launched

- **Request Assistance:** Submit a question to receive expert guidance on drought policy and practice
- **Support Base Partners:** Find more information on the IDMP partners supporting the HelpDesk
- **Sample Requests:** See examples of questions received by the HelpDesk
- Launch is being promoted with a press release and social media posts through GWP and WMO networks

Discussion



IDMP External Review Findings

External IDMP Review

- **Consultant - Antonio Rocha Magalhães**
 - Economist, Center for Strategic Studies and Management (CGEE), Brasilia, Brazil
 - Contract Nov 2016 to Mar 2017

Comparison between the IDMP and the APFM

Droughts and IDMP	Floods and APFM
Similarities <ul style="list-style-type: none"> • Caused by climate variability • Vulnerability, impacts, responses (emergency and long-term) • Institutional arrangements (WMO and GWO + Partners) • Policies: assisting countries in their responses to droughts • Policies: reducing vulnerabilities long run 	Similarities <ul style="list-style-type: none"> • Caused by climate variability • Vulnerability, impacts, responses (emergency and long-term) • Institutional arrangements (WMO, GWP and Partners) • Policies: assisting countries in their responses to floods • Policies: reducing vulnerabilities long run
Differences <ul style="list-style-type: none"> • Slow onset • Impacts occur slowly • Mostly rural but can also affect urban populations (lack of water supply) • Affects large areas • Unsustainable land use is an issue but less than in the case of floods • Vulnerabilities: dry areas, water supply, rainfed agriculture • Kind of policies: short term (emergencies) and long term (reducing vulnerabilities) 	Differences <ul style="list-style-type: none"> • Rapid onset • Impacts are instantaneous • Mostly urban but can also affect rural populations and crops • Affects areas that are smaller than droughts • Impacts are increased by unsustainable land use • Vulnerabilities: low areas, mountain sides, flood-prone areas • Kind of policies: short term (instantaneous) and long term (recovering, reducing vulnerabilities)

Recommendations

It is recommended:

- To increase global and regional awareness on the role of the IDMP and on the need of proactive drought policies for increasing resiliency and reduce vulnerability to droughts;
- To work together effectively with partners, in particular with those which participated in the HMNDP and that are partners to the IDMP, like FAO, UNCCD, UNDP, UNESCO, UNEP, UNCBD and the World Bank;
- To strengthen and expand its regional sub-programs, supporting more countries and regions to develop proactive drought policies, enhancing capacity building activities and continuously updating and expanding its knowledge base;
- IDMP could reach out more effectively to donors, partners and beneficiaries, including through a series of workshops, webinars and technical meetings covering all relevant stakeholders;
- IDMP could plan for a Conference to discuss new ideas.
- Each recommendations could be worked out by a designated Working Group or Technical Base under the TSU, with partners and member countries.

Conclusions

Three broad conclusions from this review.

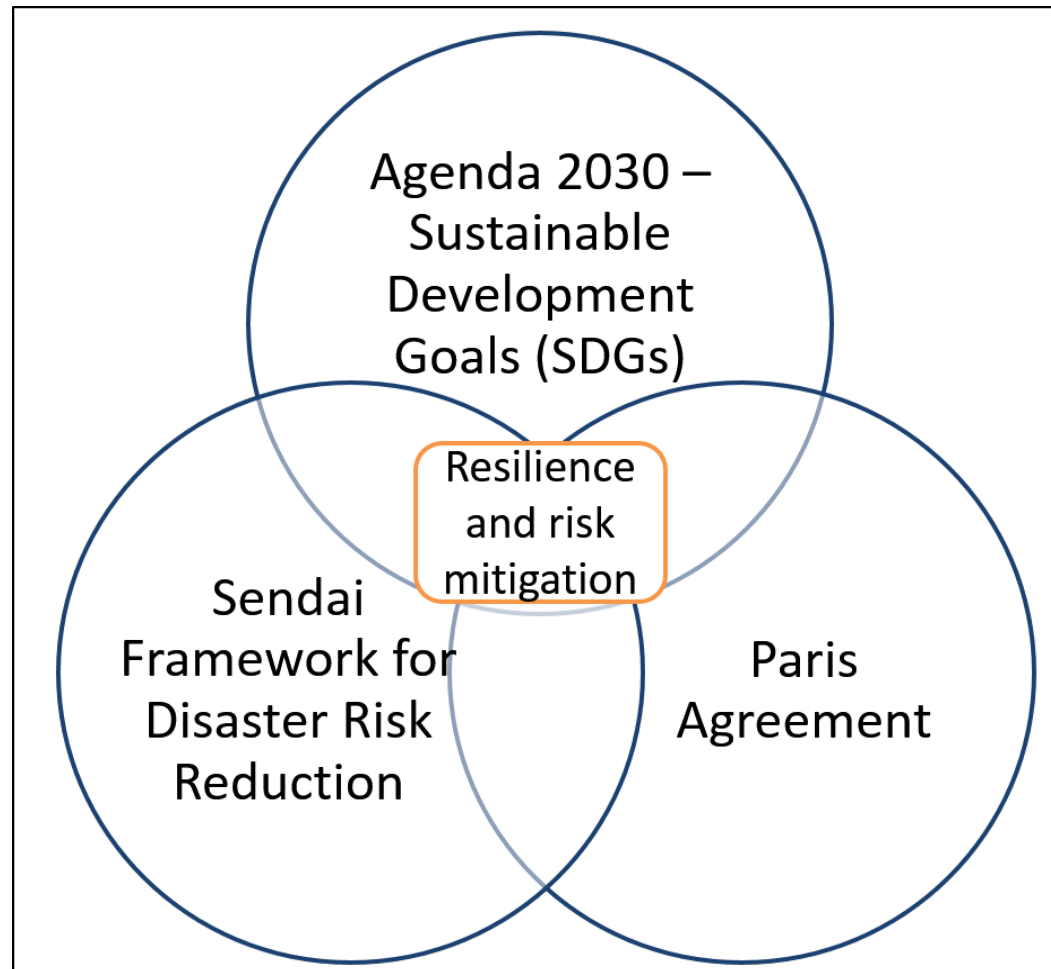
- **The first broad conclusion is that the IDMP continues to be relevant** as envisaged during its creation at HMNDP. IDMP has performed its activities in a manner that is coherent with what was planned in its work program.
- **The second broad conclusion is that the IDMP should continue:** still much to be done. IDMP is only 3.5 years old and needs much more time to accomplish its objectives.
- **The third general conclusion is that the IDMP needs to be reinforced,** especially in terms of budget and technical resources.
- **In summary, the IDMP continues to be relevant and should thus be continued and strengthened.**

Conclusions

- **The first way is to strengthen the IDMP by bringing together the support and participation of institutions such as the FAO, UNCCD, UNESCO, UNCBD, UNDP and UNEP.**
- **A second way, which complements the first, is to go even further and include a second layer of formal support for the IDMP, with the participation of national and international institutions that have a role and an interest in the issue of drylands and droughts.**
- More resources will be needed to support and expand the TSU and the workings of the AC/MC, and to support more end-activities in the work program of the IDMP.
- More extra-budgetary resources made available by the institutions that support the IDMP, including the WMO, GWP and new institutions and from other sources.

Introduction to IDMP 2017-2019

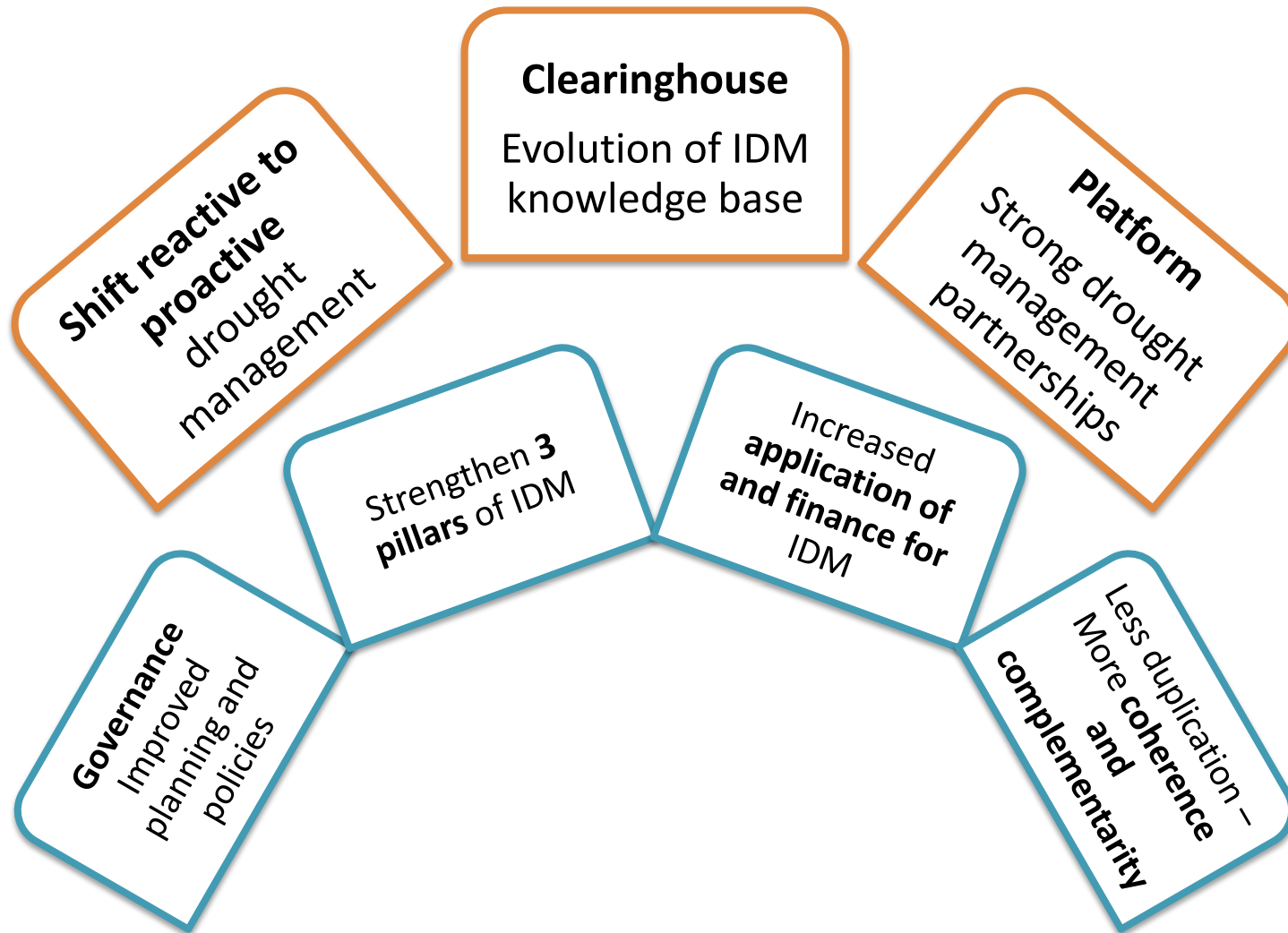
Work Programme



the **Three Pillars** of drought management



Outcomes



Structure

Goal 1 Catalyze Change

- Work Package 1: National, Regional and Transboundary cooperation

Goal 2 Generate and Share Knowledge

- Work Package 2: Capacity Development
- Work Package 3: Knowledge and Awareness

Goal 3 Strengthen Partnerships

- Work Package 4: Governance and Fundraising

For further information

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