



Food and Agriculture Organization
of the United Nations



A REVIEW OF NATIONAL DROUGHT PLANS

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Land and Water Division (NSL), FAO

Tunis, 15 December 2022

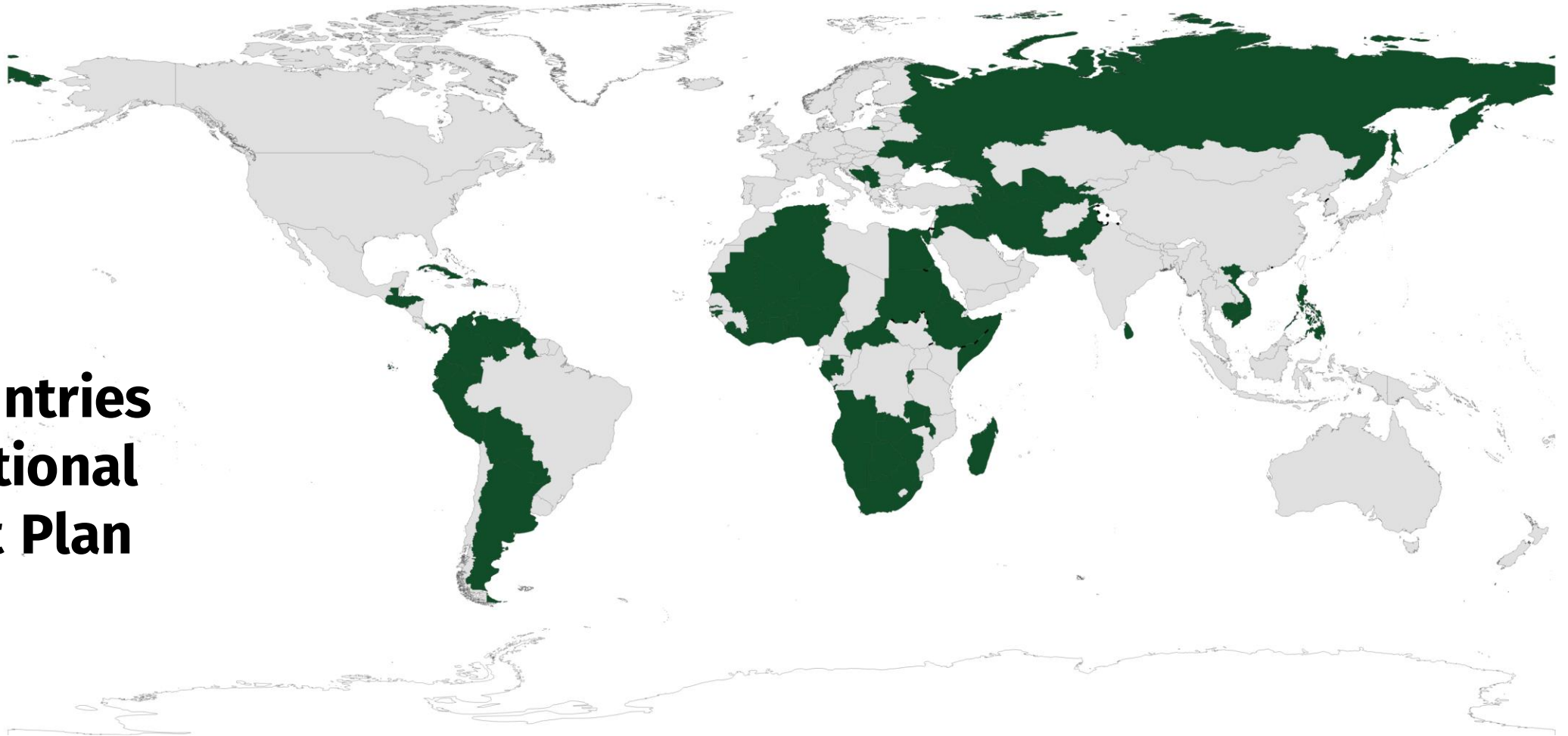
Regional gathering
Tunis, 12 – 16 December 2022





THE DROUGHT INITIATIVE

**> 70 countries
with National
Drought Plan**

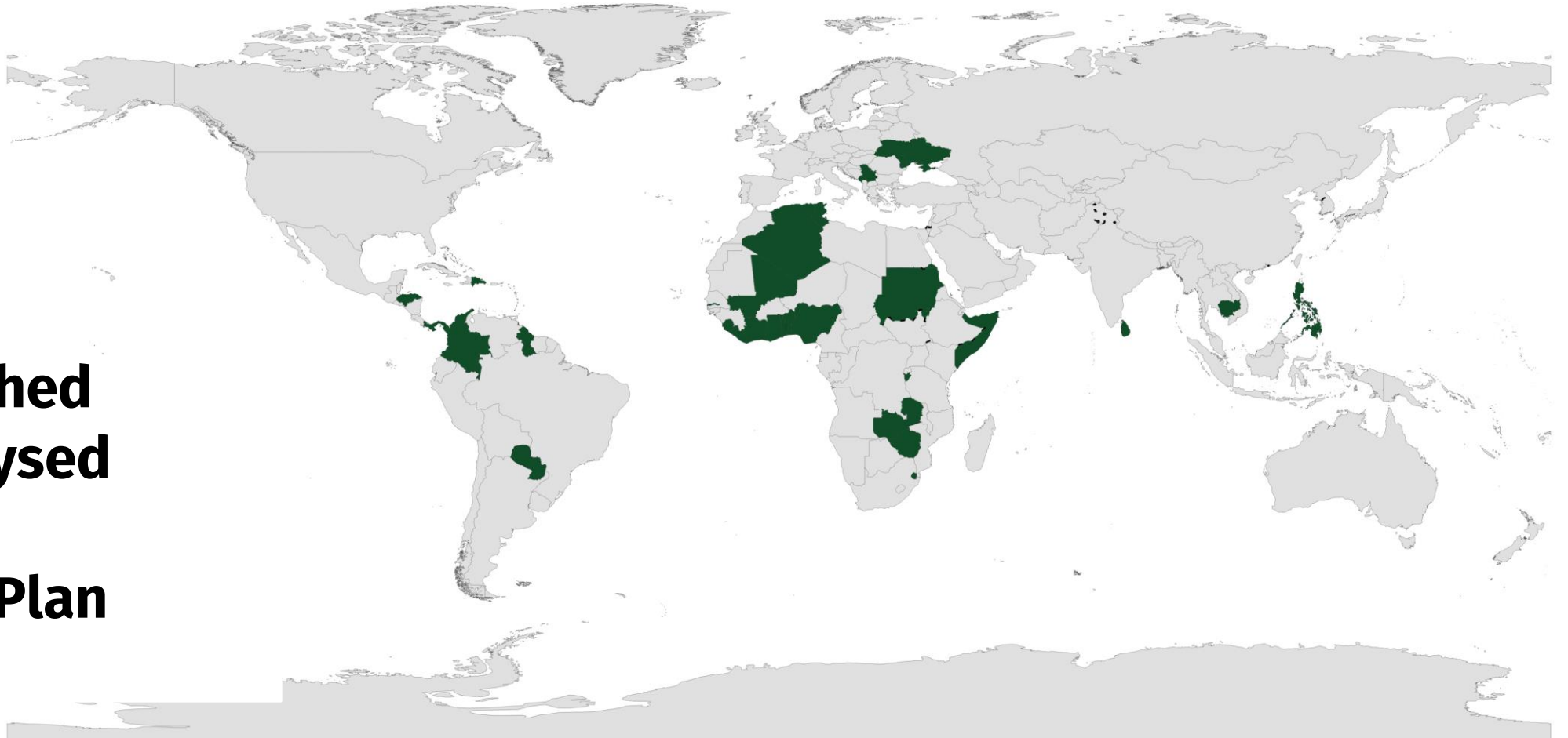


United Nations Geospatial. 2020. Map geodata [shapefiles]. New York, USA, United Nations, modified by the author. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement. Dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not yet been agreed upon by the parties. Final boundary between the Sudan and South Sudan has not yet been determined. Final status of the Abyei area is not yet determined. A dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).



THE DROUGHT INITIATIVE

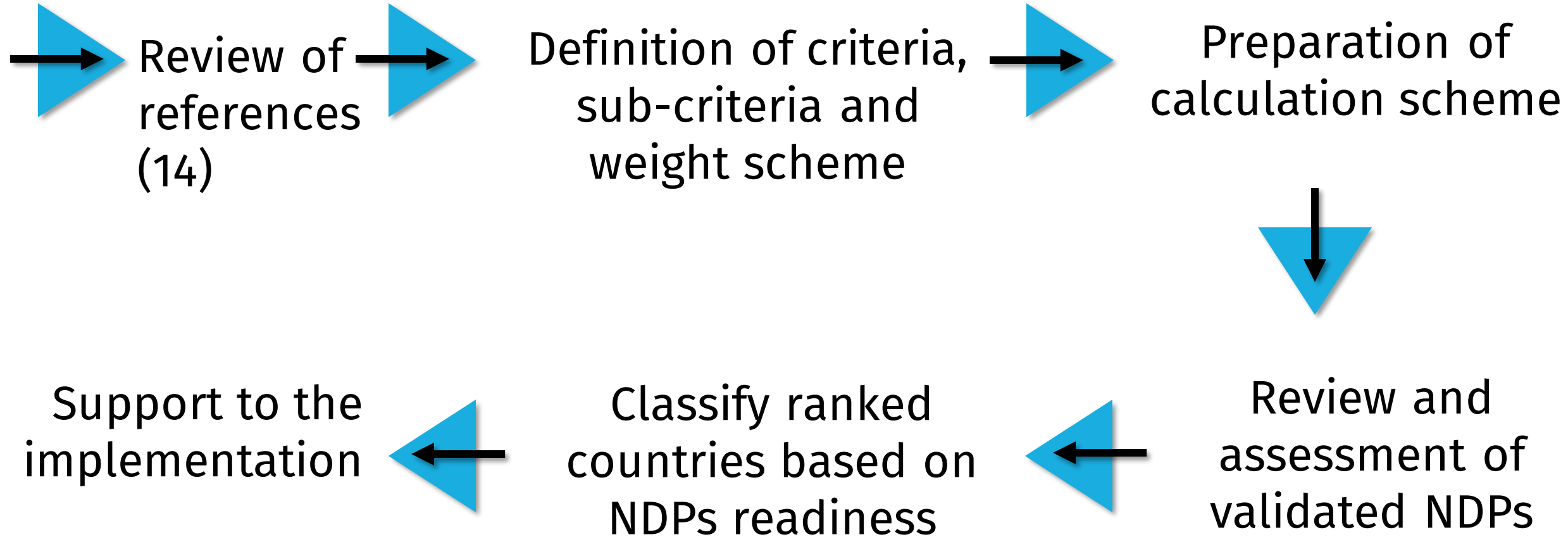
**31 published
and analysed
National
Drought Plan**



United Nations Geospatial. 2020. Map geodata [shapefiles]. New York, USA, United Nations, modified by the author. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement. Dotted line represents approximately the Line of Control in Jammu and Kashmir agreed upon by India and Pakistan. The final status of Jammu and Kashmir has not yet been agreed upon by the parties. Final boundary between the Sudan and South Sudan has not yet been determined. Final status of the Abyei area is not yet determined. A dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).



THE APPROACH





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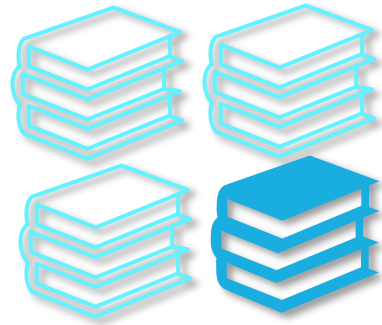
6

regions



31

NDPs



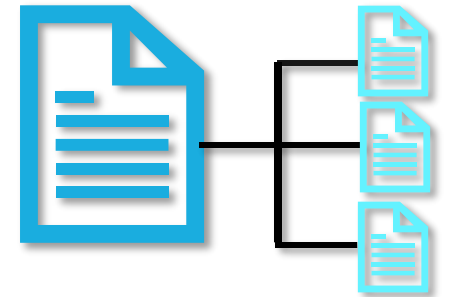
8+4

main criteria



25

sub-criteria





THE APPROACH

Additional criteria				Main criteria								
1. Background	2. Relationship with other plans and policies	3. Overview of drought	4. Organization and assignment of responsibilities	1. Monitoring, forecasting and impact assessment	2. Drought risk and vulnerability	3. Gender consideration	4. Vulnerable people and sphere standard	5. Drought communication and response action	6. Drought mitigation and response action	7. Recommendations and implementation actions	8. Required actions at various stages	
Sub-criteria	Purposes, scope, goals, and objective	National water laws	Historical occurrence	Organizational overview	Drought indices	Drought risk and vulnerability assessment	Membership of taskforce	Vulnerable people consideration	Drought communication protocol	National water resource monitoring and impact assessment	Priority implementation actions	Pre-drought
	Introduction of 10-step process	Mitigation strategies and planning	Understanding of drought	Assignment of responsibility	Drought monitoring, forecasting and data collection	GIS-based mapping	Reflection in NDP basic contents	Sphere standard consideration	Declaration of drought condition	Development of new and alternative water resources	Future updates and revision	During drought
		Importance of NDP	Drought impact by sector		Drought severity in all relevant sector	Drought risk areas and/or locations			Communication and coordination guidelines	Water conservation practice, public education, and awareness creation		Post-drought
		Access to safe water			Drought impact assessment methodology				Drought response actions	Prioritization of water supply for all people at affordable price		
										Legislation and land use planning		



THE APPROACH

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	Importance of NDP	Drought impact by sector		Drought severity in all relevant sector	Drought-prone areas and/or locations			Guidance and coordination guidelines	Conservation practice, public education, and awareness creation		Post-drought
	Access to safe water			Drought impact assessment methodology				Drought response actions	Prioritization of water supply for all people at affordable price		
									Legislation and land use planning		

Sub-criteria scores aggregated into the main criteria



Sub-criteria



THE APPROACH

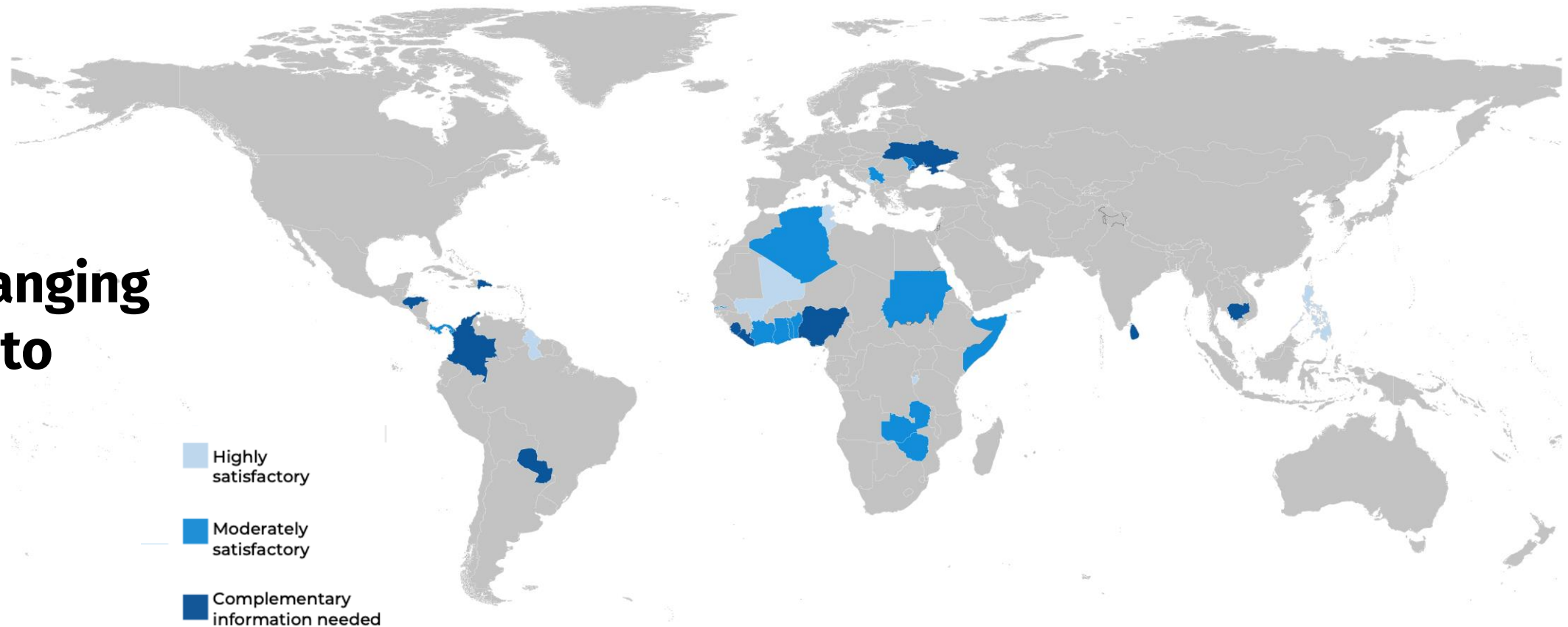
Additional criteria				Main criteria							
1. Background	2. Relationship with other plans and policies	3. Overview of drought	4. Organization and assignment of responsibilities	1. Monitoring, forecasting and impact assessment	2. Drought risk and vulnerability	3. Gender consideration	4. Vulnerable people and sphere standard	5. Drought communication and response action	6. Drought mitigation and response action	7. Recommendations and implementation actions	8. Required actions at various stages
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	Access to safe water			Drought impact assessment methodology				Response actions	Water supply for all people at affordable price		
									Legislation and land use planning		

Aligned with the pillars of integrated drought management



THE RESULTS






**Scores ranging
from 5.4 to
51.2**



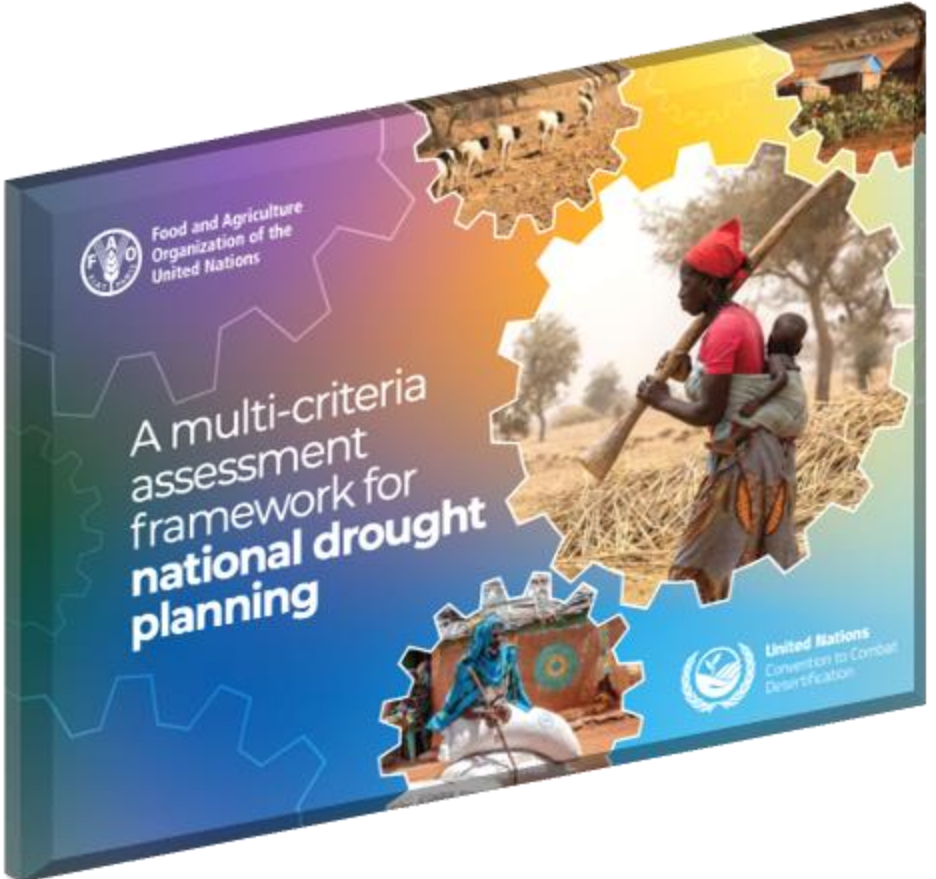
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COMMON OBSERVATIONS

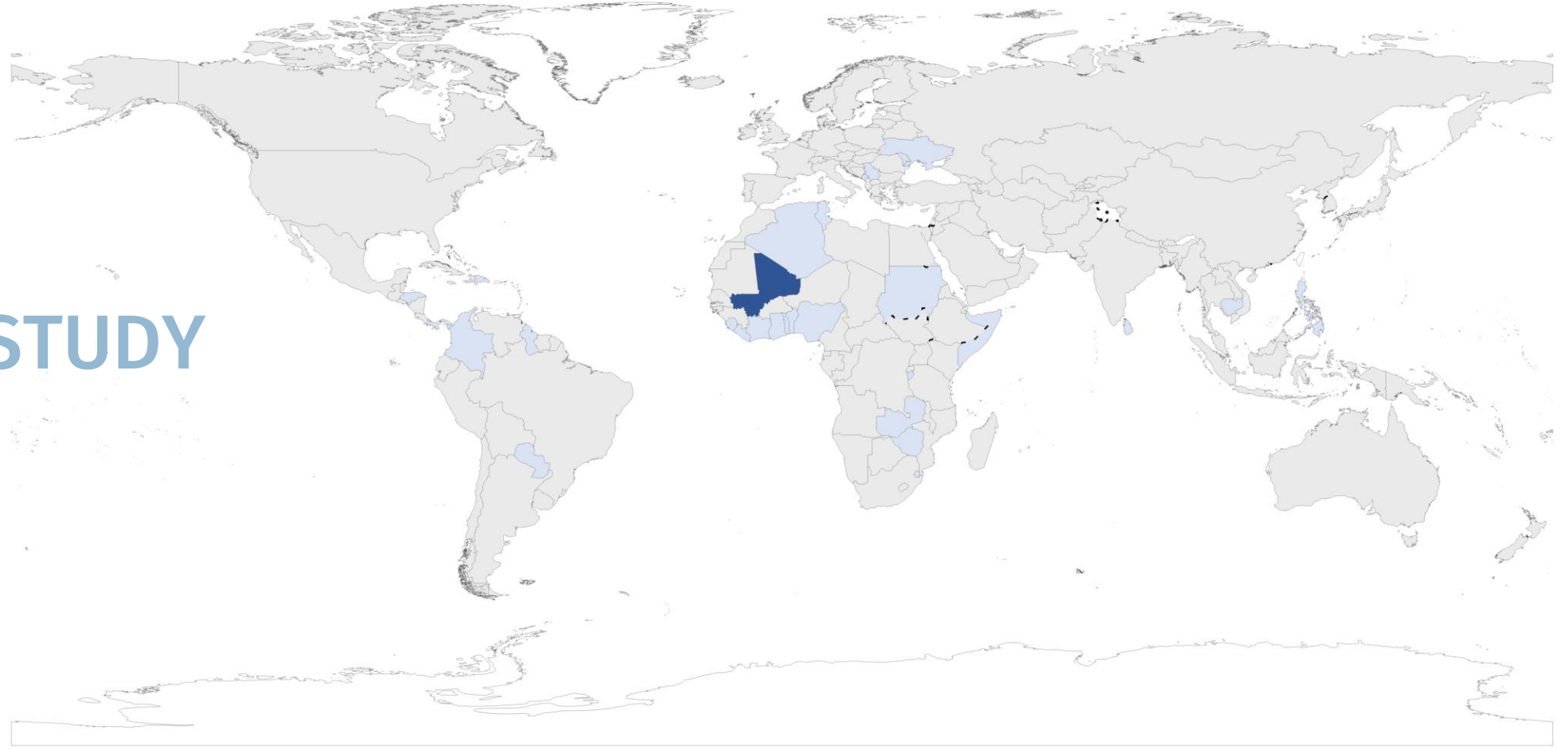
-  Links amongst chapters to be strengthened
-  Model NDP to be referenced
-  Common understanding of content to be improved
-  **Gender mainstreaming to be vastly enhanced**
-  Vulnerable groups to be addressed

Reference to good practices:





THE CASE STUDY OF MALI



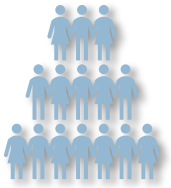
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BACKGROUND



Drought significant risk due to the climate and uneven distribution of water resources



Average 4 million people affected, and more in dry years



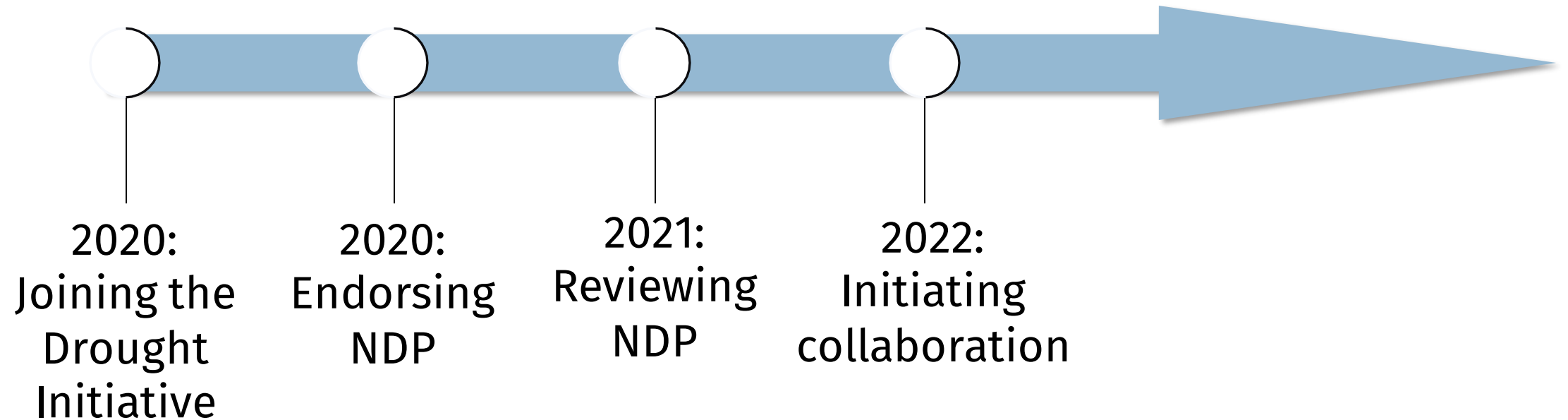
10 million USD annual loss in agricultural income



2021: 10,5 percent drop in grain production, loss of 225 thousand acres of crops, 3 million people affected



MALI AND THE DROUGHT INITIATIVE





REVIEW RESULTS



Ranked as “highly satisfactory”

Monitoring, forecasting and impact assessment	Drought risk and vulnerability	Gender consideration	Vulnerable people and sphere standard	Drought communication and response action	Drought mitigation and response action	Recommendations and implementation actions	Required actions at various stages
Drought indices	Drought risk and vulnerability assessment	Membership of taskforce	Vulnerable people consideration	Drought communication protocol	National water resource monitoring and impact assessment	Priority implementation actions	Pre-drought
Drought monitoring, forecasting and data collection	GIS-based mapping	Reflection in NDP basic contents	Sphere standard consideration	Declaration of drought condition	Development of new and alternative water resources	Future updates and revision	During drought
Drought severity in all relevant sector	Drought risk areas and/or locations			Communication and coordination guidelines	Water conservation practice, public education, and awareness creation		Post-drought
Drought impact assessment methodology				Drought response actions	Prioritization of water supply for all people at affordable price		
					Legislation and land use planning		



REVIEW RESULTS – STRENGTHS

Drought monitoring, forecasting & impact assessment

Drought risk & vulnerability

Gender consideration

Drought communication & response action

Drought mitigation & response action

Recommendation & implementation actions



REVIEW RESULTS – TO BE IMPROVED

Drought severity in all relevant sectors



REVIEW RESULTS – TO BE IMPROVED

Drought severity in all relevant sectors

Vulnerable people & sphere standard



REVIEW RESULTS – TO BE IMPROVED

Drought severity in all relevant sectors

Vulnerable people & sphere standard

National water resource monitoring & impact assessment



REVIEW RESULTS – TO BE IMPROVED

Drought severity in all relevant sectors

Vulnerable people & sphere standard

National water resource monitoring & impact assessment

Prioritization of water supply for all people at affordable price



REVIEW RESULTS – TO BE IMPROVED

Drought severity in all relevant sectors

Vulnerable people & sphere standard

National water resource monitoring & impact assessment

Prioritization of water supply for all people at affordable price

Required actions at various phases of drought



THANK YOU FOR THE ATTENTION