Regional and country assessments of climate needs and priorities - Overview of the needs of Arab States

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- Needs are identified in the context of sustainable development and addressing key risks and vulnerabilities faced in the region
- Total needs communicated by Arab States amount to USD 197 billion¹; of the total amount, USD 123 billion is identified by two countries (Egypt and Morocco)
- Priority areas for adaptation and adaptation with mitigation cobenefits are water, agriculture and coastal zones
- Priority areas for mitigation and economic diversification with mitigation co-benefits are energy, waste and transport
- Key considerations:
 - Varying timeframes (ranging between 2015 to 2020-2040)
 - Limited data set

¹ sources: NAPs, NDCs, TNAs



Overview of information analyzed: qualitative (number of countries) and quantitative (USD of needs)

Total needs	Needs	Qualitative	20
		Quantitative	12
Sources	Differentiated between international and national sources	Qualitative	4
		Quantitative	4
Theme	Adaptation and adaptation with mitigation co-benefits	Qualitative	18
		Quantitative	7
	Mitigation and economic diversification with mitigation co- benefits	Qualitative	20
		Quantitative	6
	Technology needs	Qualitative	5
		Quantitative	4
	Technology needs for adaptation and adaptation with mitigation co-benefits	Qualitative	5
		Quantitative	4
	Technology needs for mitigation and economic diversification with mitigation co-benefits	Qualitative	4
		Quantitative	3
Sectors	Adaptation and adaptation with mitigation co-benefits	Qualitative	18
		Quantitative	6
	Mitigation and economic diversification with mitigation co- benefits	Qualitative	19
		Quantitative	4
	Technology needs	Qualitative	5
		Quantitative	4



- Of the 12 states, 4 states differentiated between national and international sources to address their needs.
- Of the total USD 197 billion, USD 168.2 billion is expected to come from multilateral and bilateral sources.
- USD 28.8 is envisaged to come from national sources.



Needs for mitigation and economic diversification with mitigation co-benefits amount to highest financial needs of USD 98.2 billion, where USD 50 billion is needed by Morocco alone.





- 18 states identified sectoral needs for adaptation and adaptation with mitigation co-benefits;
 7 states costed needs for adaptation and adaptation with mitigation co-benefits.
- Water, agriculture/food security and coastal zone were identified as the priority sectors, accounting for USD 7.7, USD 6.9 and USD 2.2 billion, respectively.





11 States identified priorities at the sub-sector level, identifying waste water treatment, desalination and water harvesting as priority subsectors for the water sector.



Priority activities for water needs

Waste water treatment Desalination Water harvesting

Waste water treatment	Desalination	Water harvesting
Project - infrastructure		
		Project infrastructure
Policy, regulatory, institutional	Project - infrastructure	Research





Cop variety = EWS = Water irrigation = Gender = Livestock = Fisheries = Others

9 States identified crop diversification, early warning systems and water irrigation as priority sub-sectors for the agriculture sector.

Priority activities for agriculture needs

Cop variety EWS

 Cop variety
 EWS

 Capacitybuilding
 Research

 Project infrastructure
 Project infrastructure

 Project infrastructure
 Awarness raising



9 States identified coastal zone management plans, monitoring and marine protection as priority subsectors for coastal zones.



Priority activities for coastal zone needs

Planning Monitoring Marine protection

Planning	Marine protection	Monitoring
		Project - infrastructure
	Project - infrastructure	
	Policy, regulatory,	
Policy, regulatory, institutional	institutional	Research

Qualitative and quantitative information on needs for mitigation and economic diversification with mitigation co-benefits



- All 20 States identified energy as priority sector, followed by waste, transport, LULUCF and industry; 6 states costed their needs for mitigation and economic diversification with mitigation co-benefits.
- Energy needs were costed USD 22.6 billion, waste USD 1.9 billion and LULUCF USD 1.85 billion, respectively.



Priority sub-sectors for energy

Of 19 States that provided information at the subsector level, all countries identified renewable energies as priority sub-sectors.





EE

8 states identified needs at the sub-sectoral level for waste, of which 5 states identified solid waste management as a major need.











Technology needs were identified and costed in 4 TNAs, amounting to USD 970 million, where USD 800 million are needed for adaptation and USD 140 million for mitigation technologies.







The identified priority sectors for mitigation and economic diversification with mitigation co-benefits are transport (USD 132 million), followed by energy (USD 5 million), industry (USD 2 million) and waste management (USD 300 thousand).

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Questions

- What other information and data on finance needs are available that can be considered in the analysis?
- Are the presented needs reflective of the needs of the region? Are there other areas of needs that have not been mentioned yet?
- Apart from coastal zone, finance is currently flowing in the other priority sectors (agriculture, water, energy, transport, waste). Are coastal zones an area where increased finance is needed?

