

# What are the climate finance needs and priorities in countries and across the region?

## Overview of the needs of Arab States

**Technical Workshop on Climate Finance for Finance Experts in the Arab region**

Headquarters of the League of Arab States, Cairo, Egypt

12–13 February 2020



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  2. By thematic area
  3. By sector
6. Qualitative information on needs
  1. Total
  2. By thematic area
  3. By sector
7. Capacity-building needs



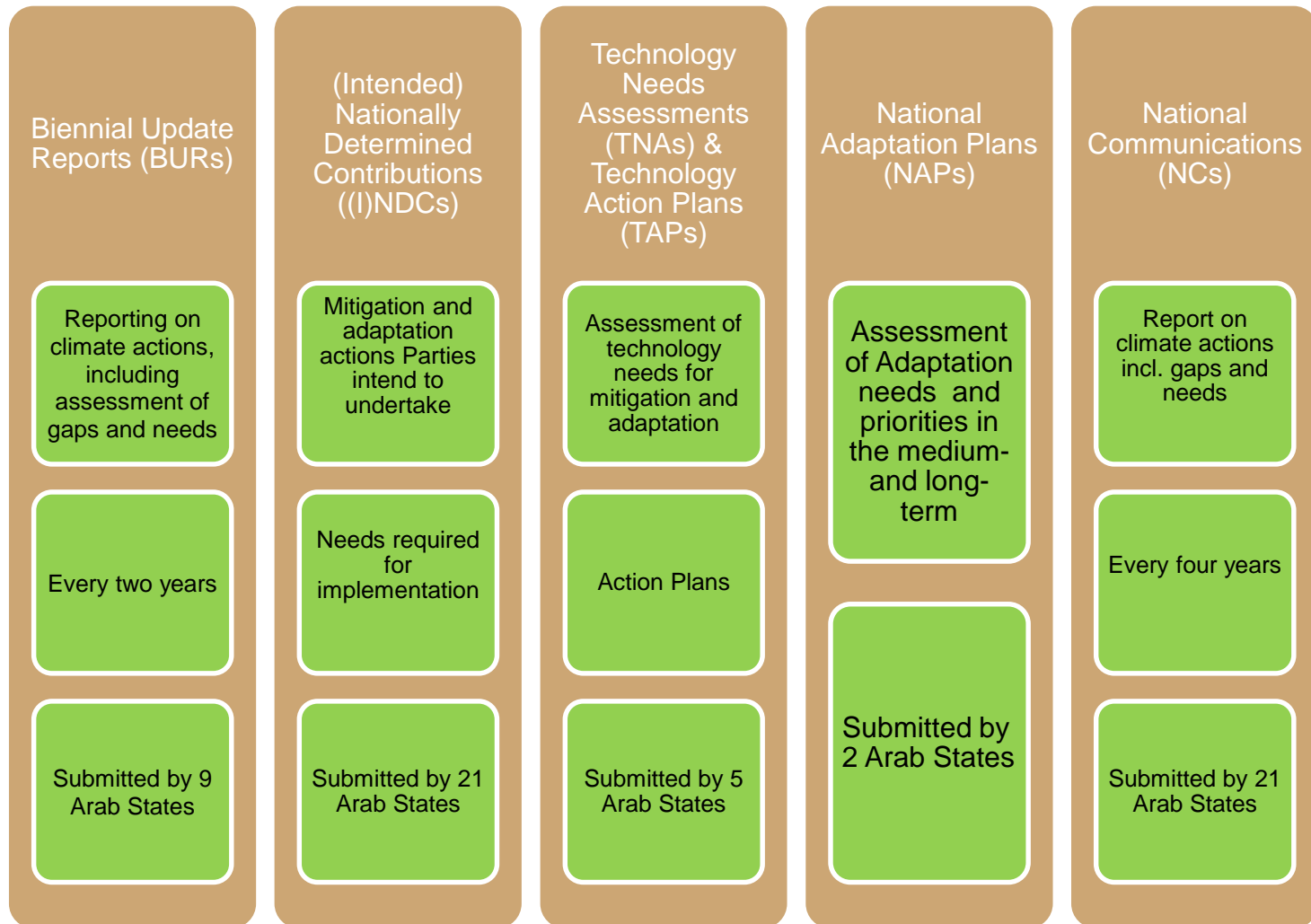
- Needs are identified in the context of sustainable development and addressing key risks and vulnerabilities faced in the region.
- Total needs communicated by Arab States amount to **USD 176.26-199.29 billion**<sup>1</sup>; of the total amount, USD about 120 billion is identified by two countries (Egypt and Morocco).
- Priority areas for **adaptation** and **adaptation with mitigation co-benefits** are **water, agriculture, coastal zones and health**.
- Priority areas for **mitigation** and **economic diversification with mitigation co-benefits** are **energy, waste and transport**
- Key considerations:
  - Varying timeframes (ranging between 2012 to 2020-2040)
  - Limited data set

<sup>1</sup> Sources: National Adaptation Plans (NAPs), Nationally Determined Contributions (NDCs), Technology Needs Assessments (TNAs), Technology Action Plans (TAPs), Biennial Update Reports (BURs), National communications (NCs)

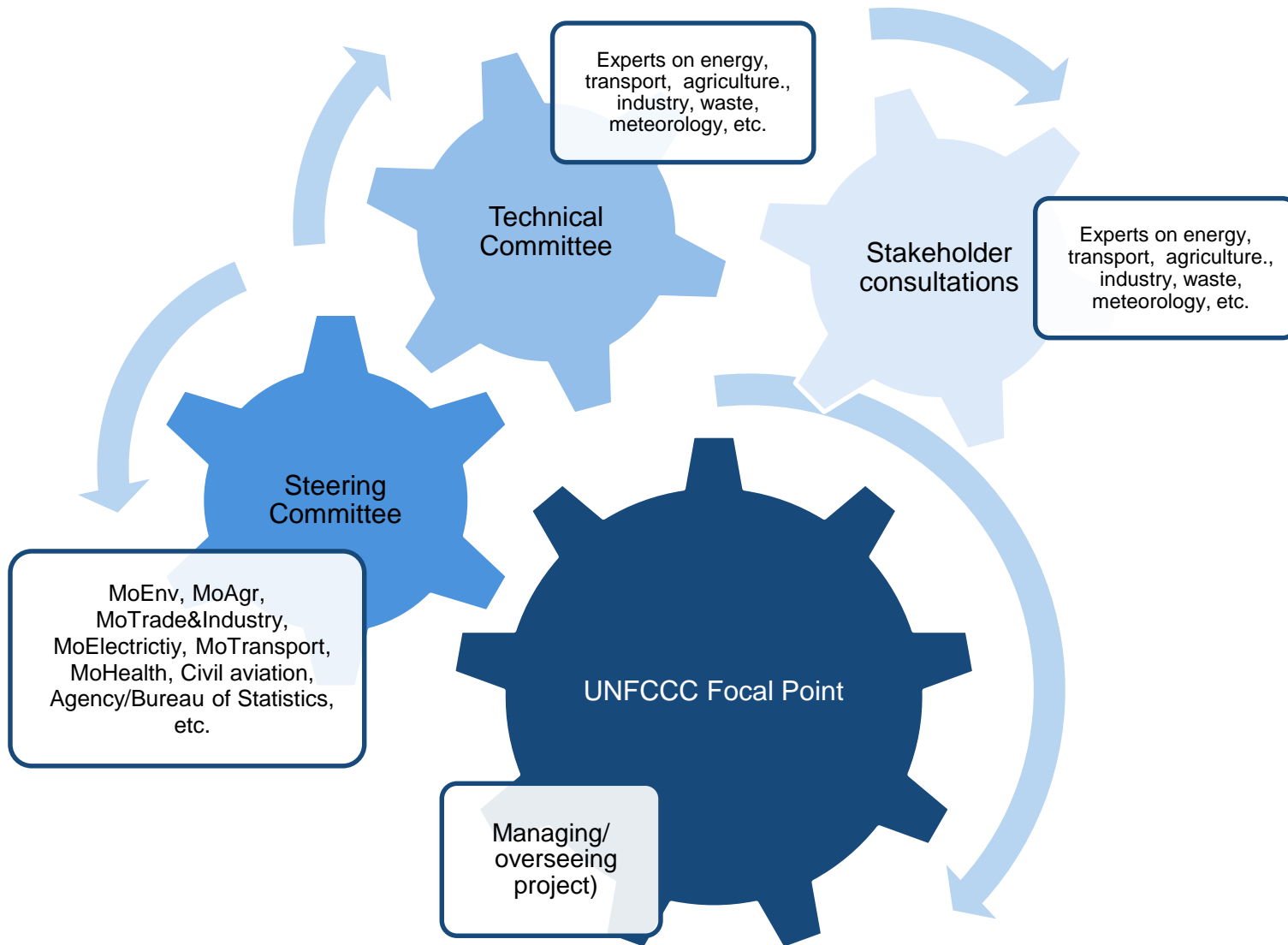
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## National reports under the UNFCCC



## Processes for assessing needs

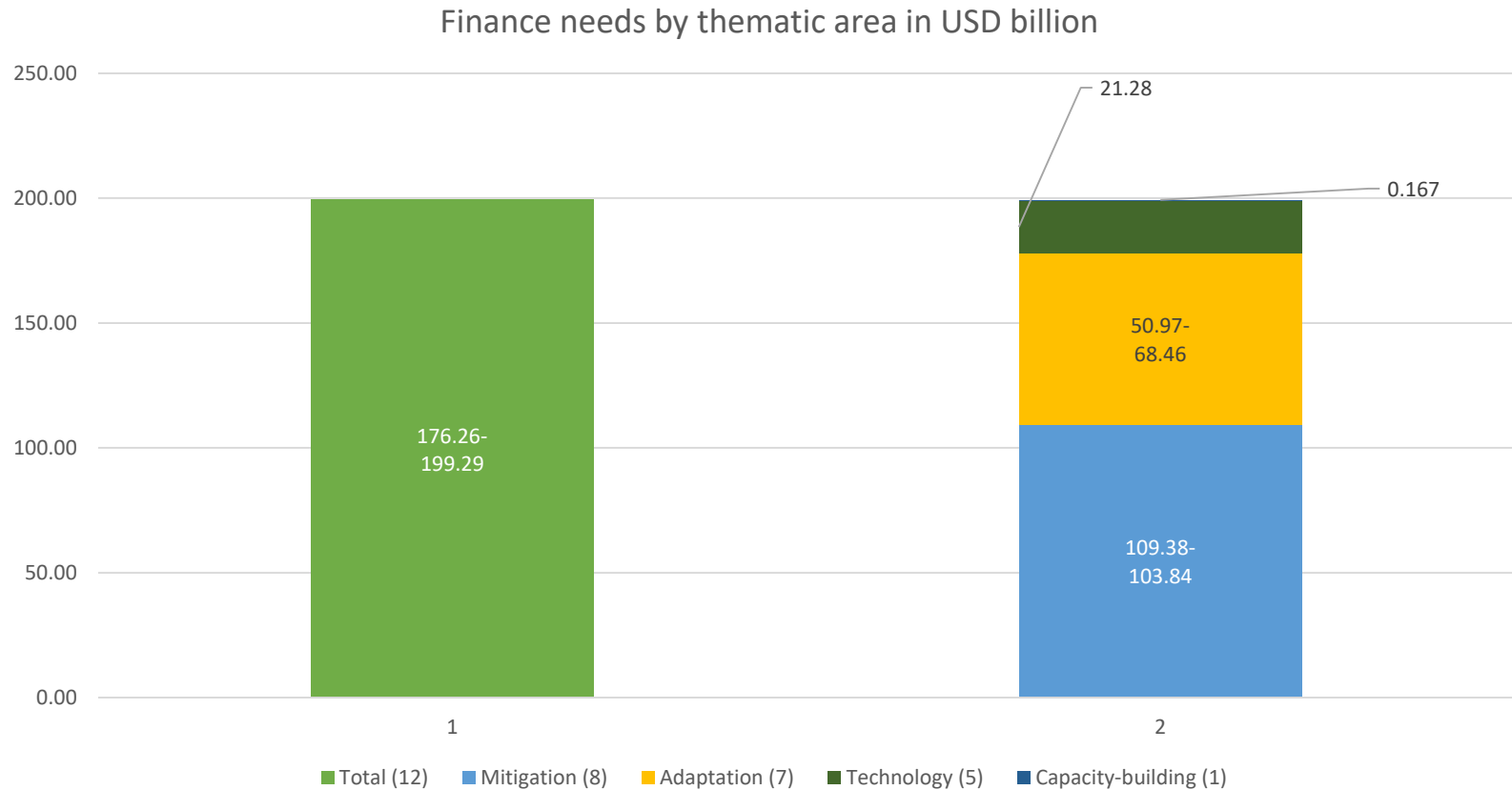


## Overview of information analyzed: Qualitative (number of countries) and quantitative (USD) information on needs

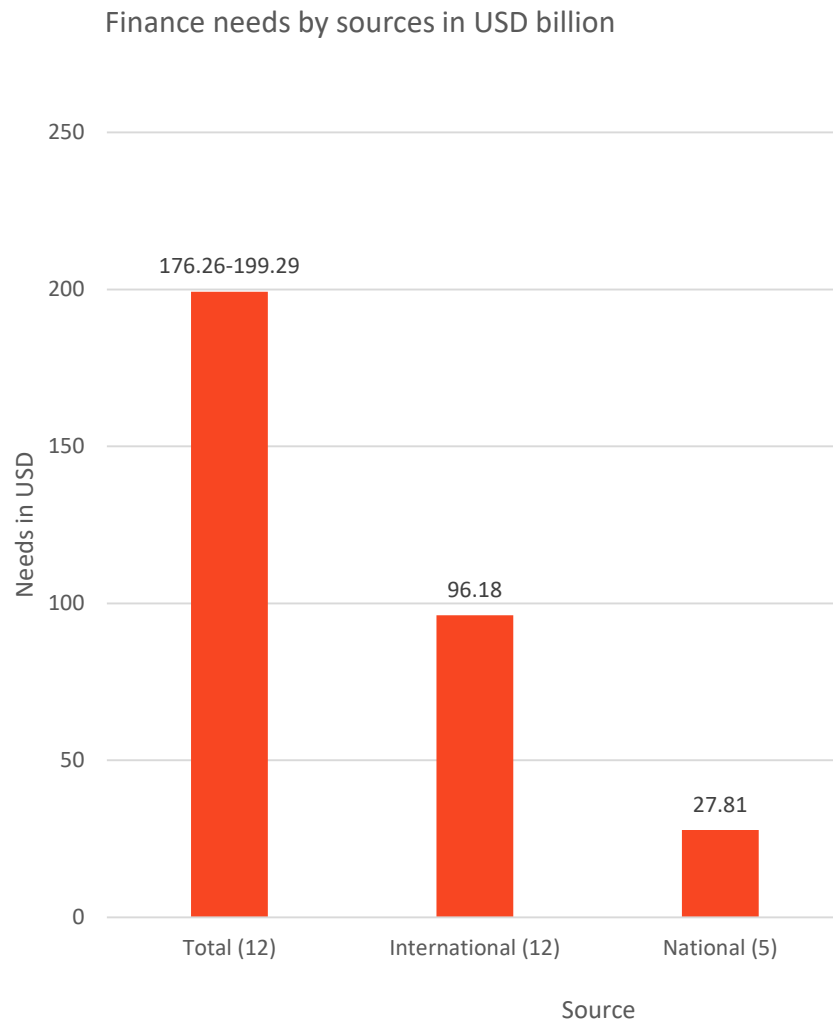
Total needs	Total needs	Qualitative	21
		Quantitative	12
Sources	Differentiated between international and national sources	Qualitative	5
		Quantitative	5
Theme	Adaptation and adaptation with mitigation co-benefits	Qualitative	18
		Quantitative	7
	Mitigation and economic diversification with mitigation co-benefits	Qualitative	21
		Quantitative	8
	Technology needs	Qualitative	5
		Quantitative	5
	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	5
		Quantitative	3
Sectors	Adaptation and adaptation with mitigation co-benefits	Qualitative	18
		Quantitative	5
	Mitigation and economic diversification with mitigation co-benefits	Qualitative	21
		Quantitative	5
	Technology needs	Qualitative	5
		Quantitative	4

## Quantitative information: Total needs of Arab States by thematic area in USD billion

Needs amount to USD 176.26 -199.29 billion, where USD 85 billion is needed by Morocco and USD 73 billion by Egypt.



## Quantitative information: Total needs of Arab States by sources in USD billion



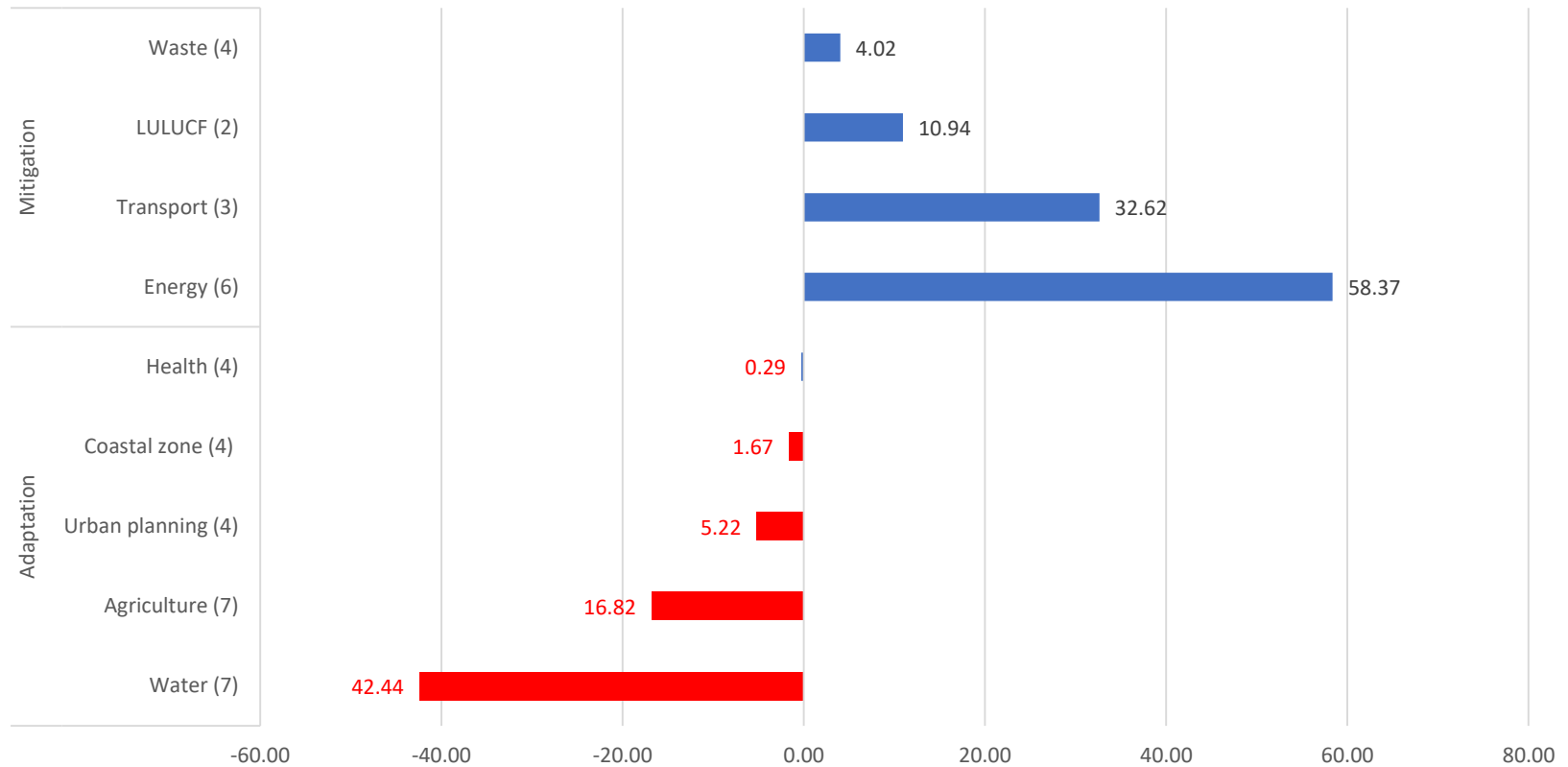
- Of the 12 states, 5 states differentiated between national and international sources to address their needs.
- Of the total USD 176.26-199.29 billion, USD 96.18 billion is expected to come from multilateral and bilateral sources.
- USD 27.81 is envisaged to come from national sources.





12 states identified finance needs, 8 States costed needs for mitigation and economic diversification with mitigation co-benefits and 7 adaptation and adaptation with mitigation co-benefits.

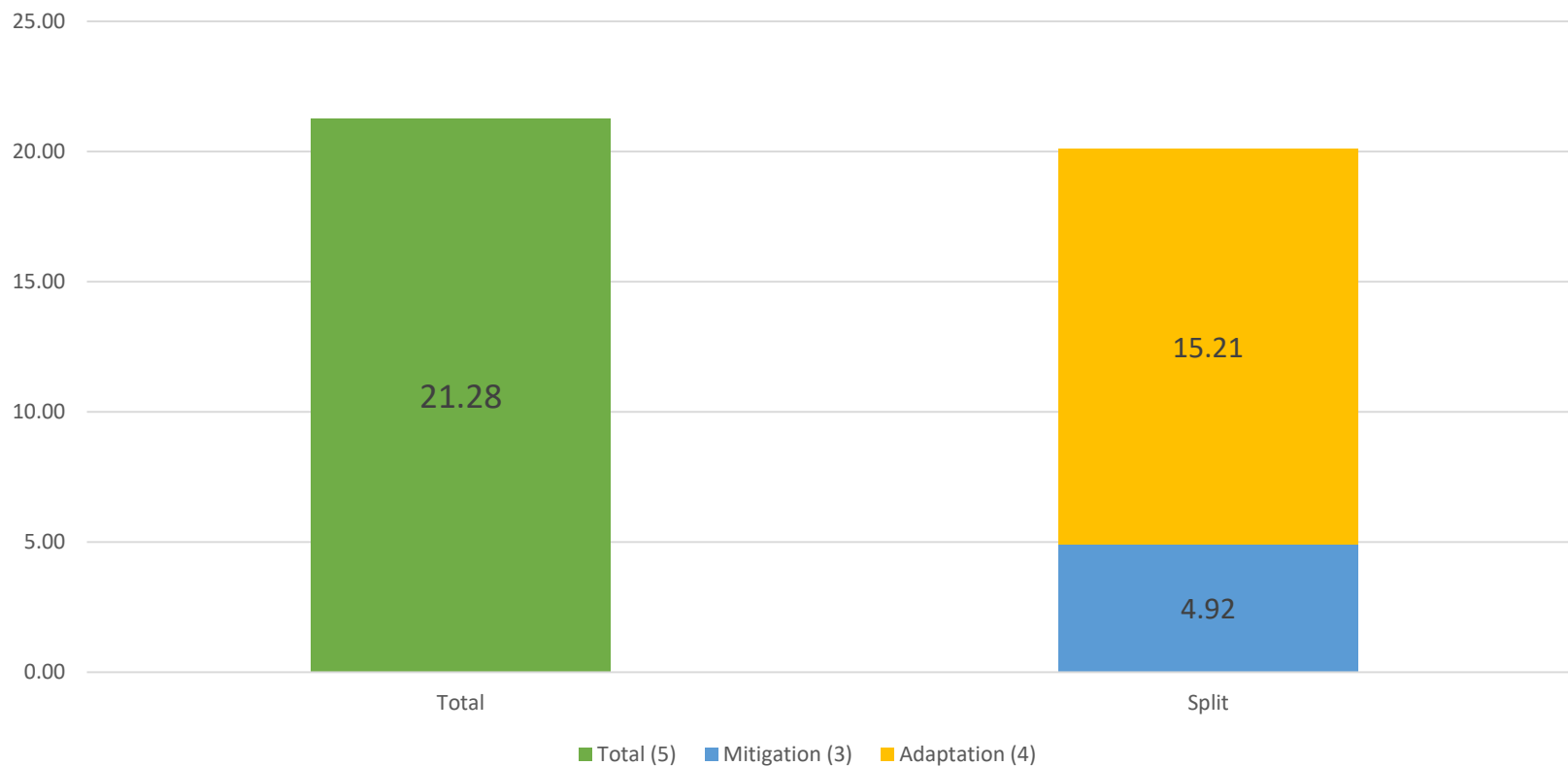
Finance needs by sector in USD billion



## Quantitative information: Technology needs

Finance needs for technology were identified and costed in 5 TNAs and TAPs, amounting to USD 21.28 billion, where USD 15.21 billion are needed for adaptation and USD 4.92 billion for mitigation technologies.

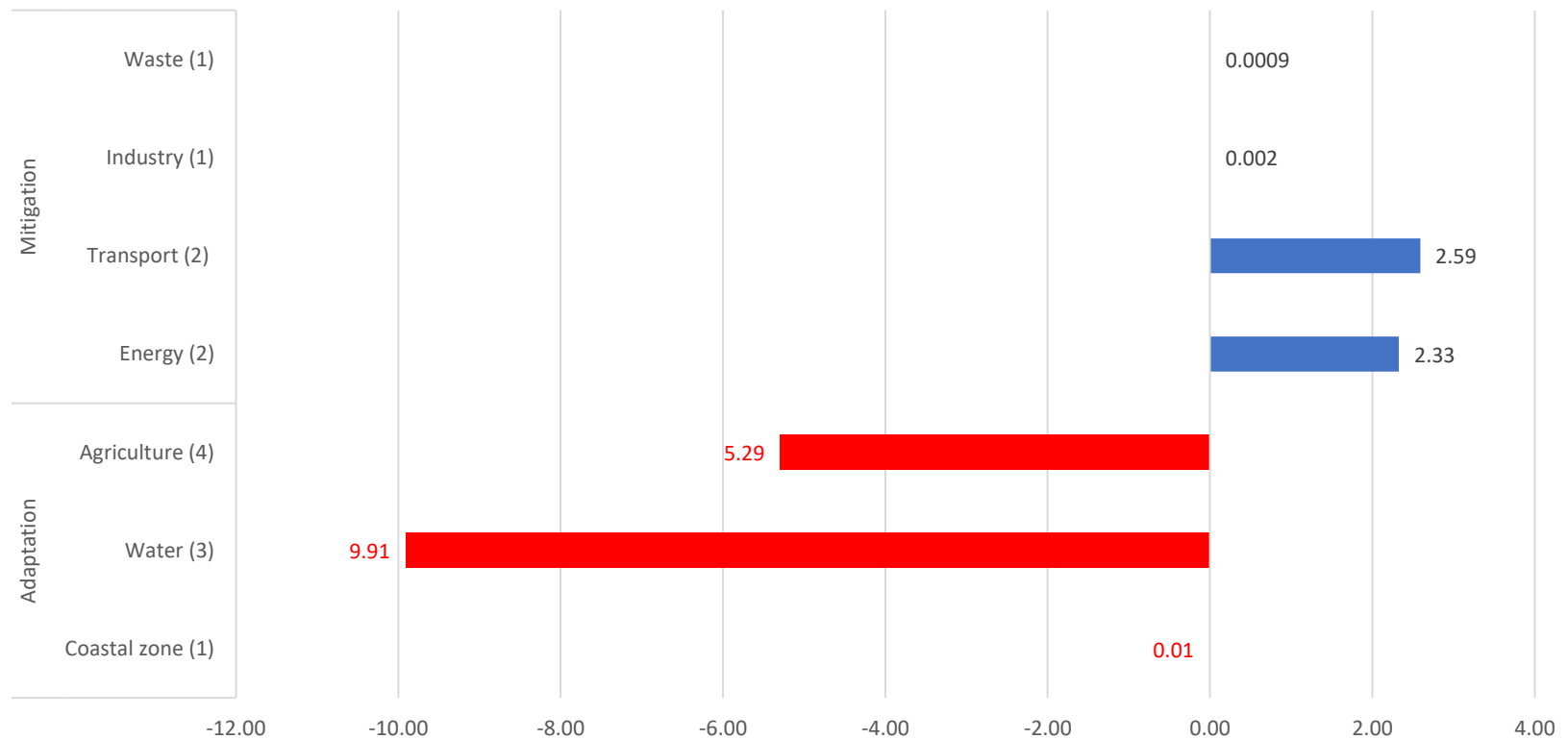
Technology need by thematic area in USD billion



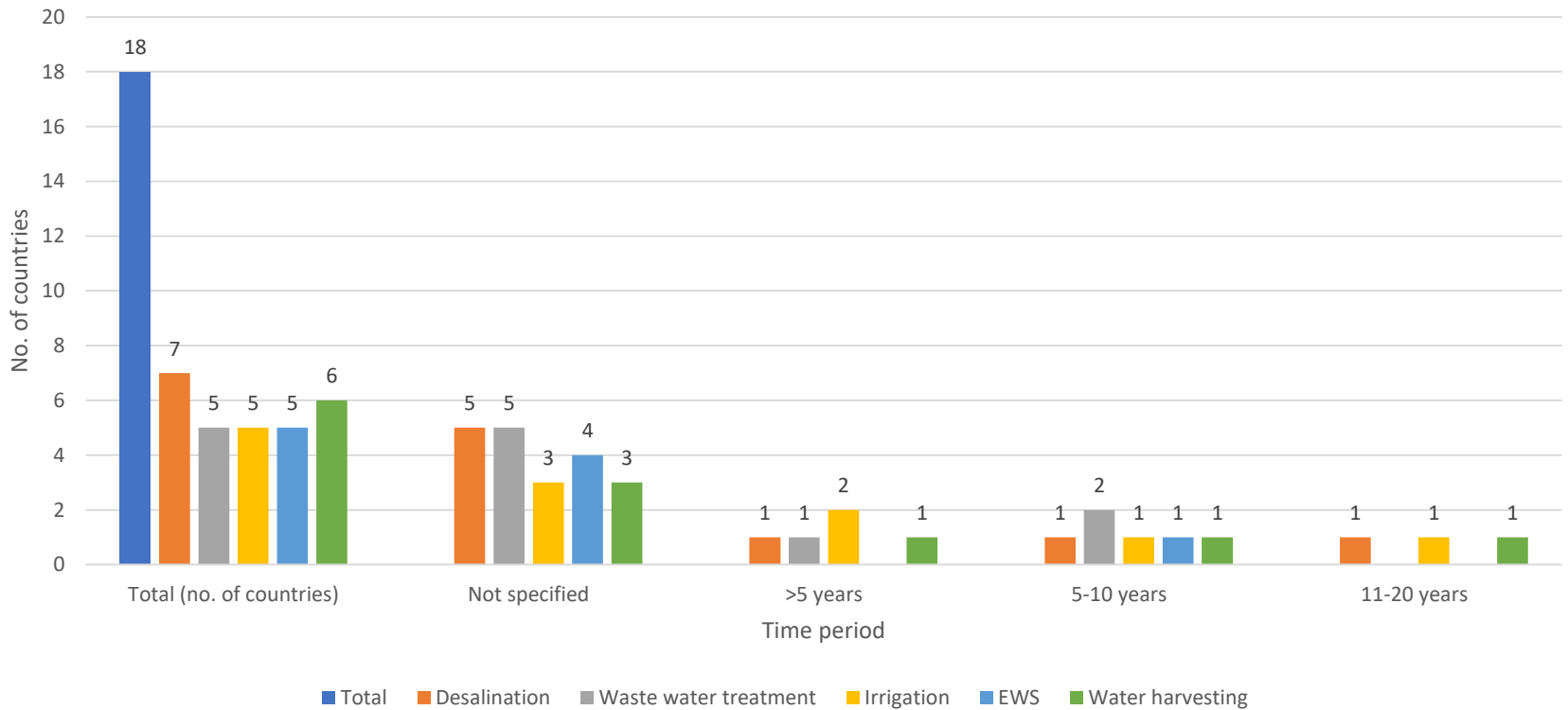
## Finance needs for technology by thematic area and sector

Of 5 states identified finance needs, 4 states costed needs for mitigation and economic diversification with mitigation co-benefits and 3 adaptation and adaptation with mitigation co-benefits.

Finance needs for technologies by sector in USD billion

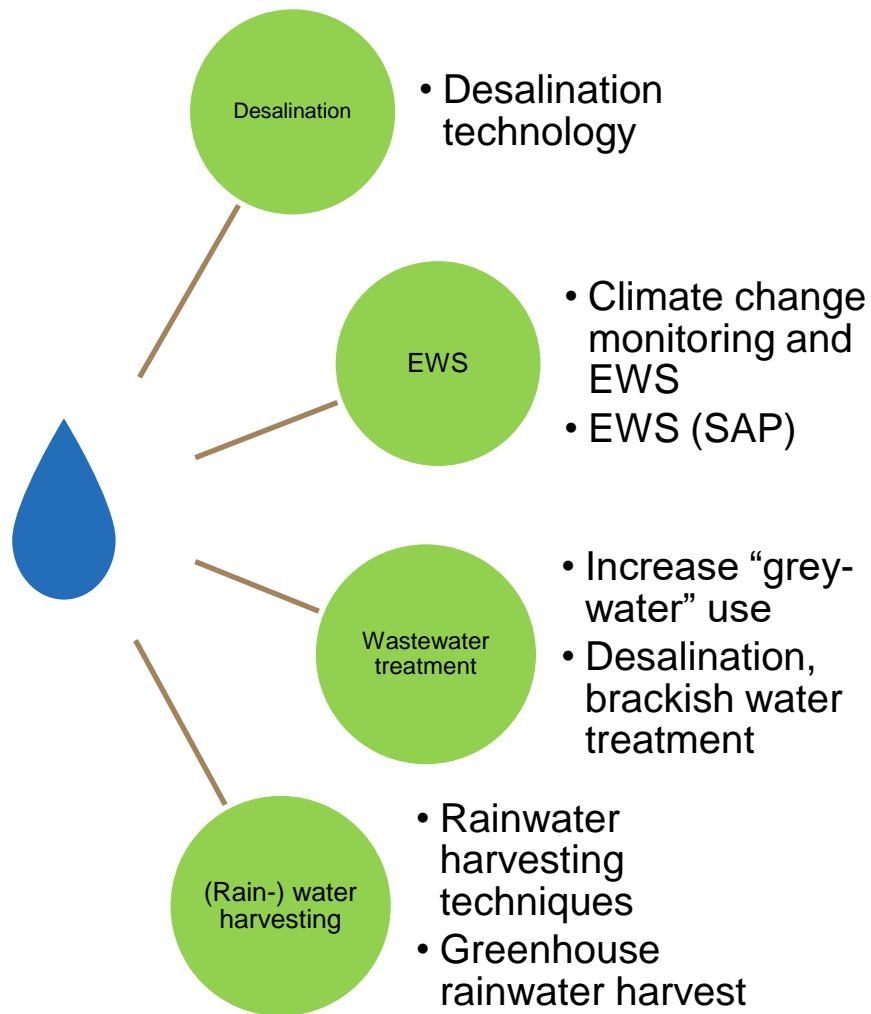


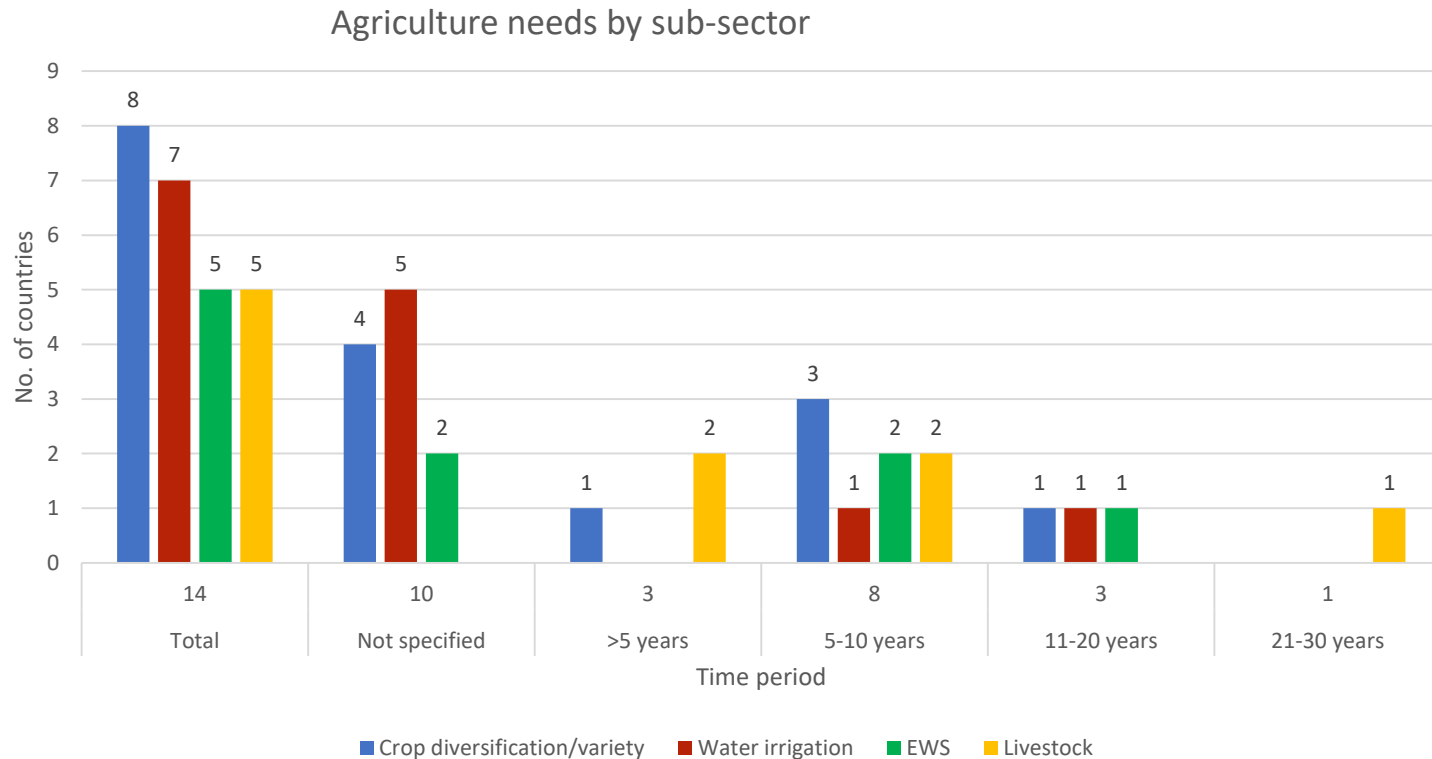
### Water needs by sub-sector



18 States identified priorities at the sub-sector level, identifying desalination, waste water treatment, irrigation, EWS, and water harvesting as priority sub-sectors for the water sector.



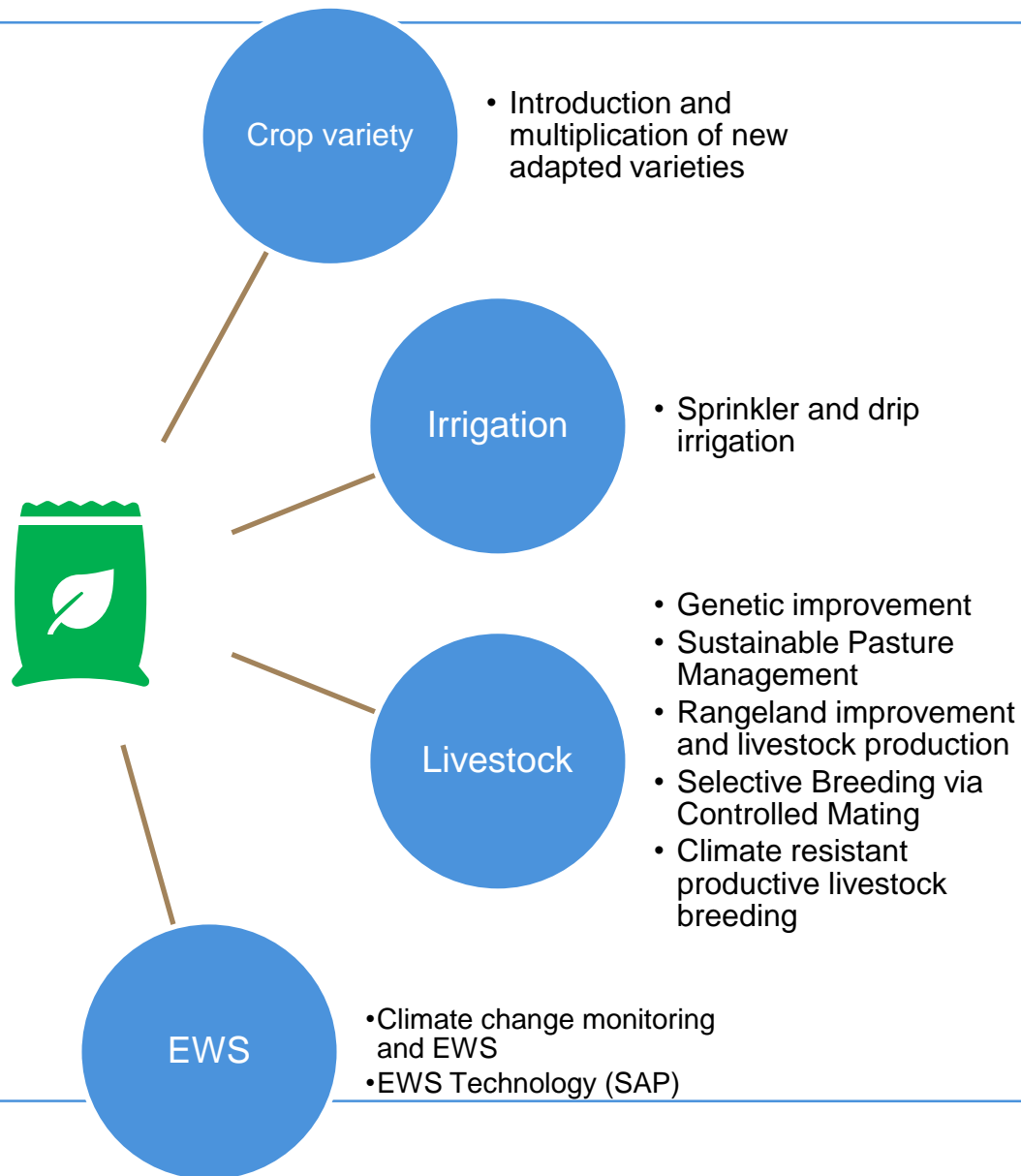


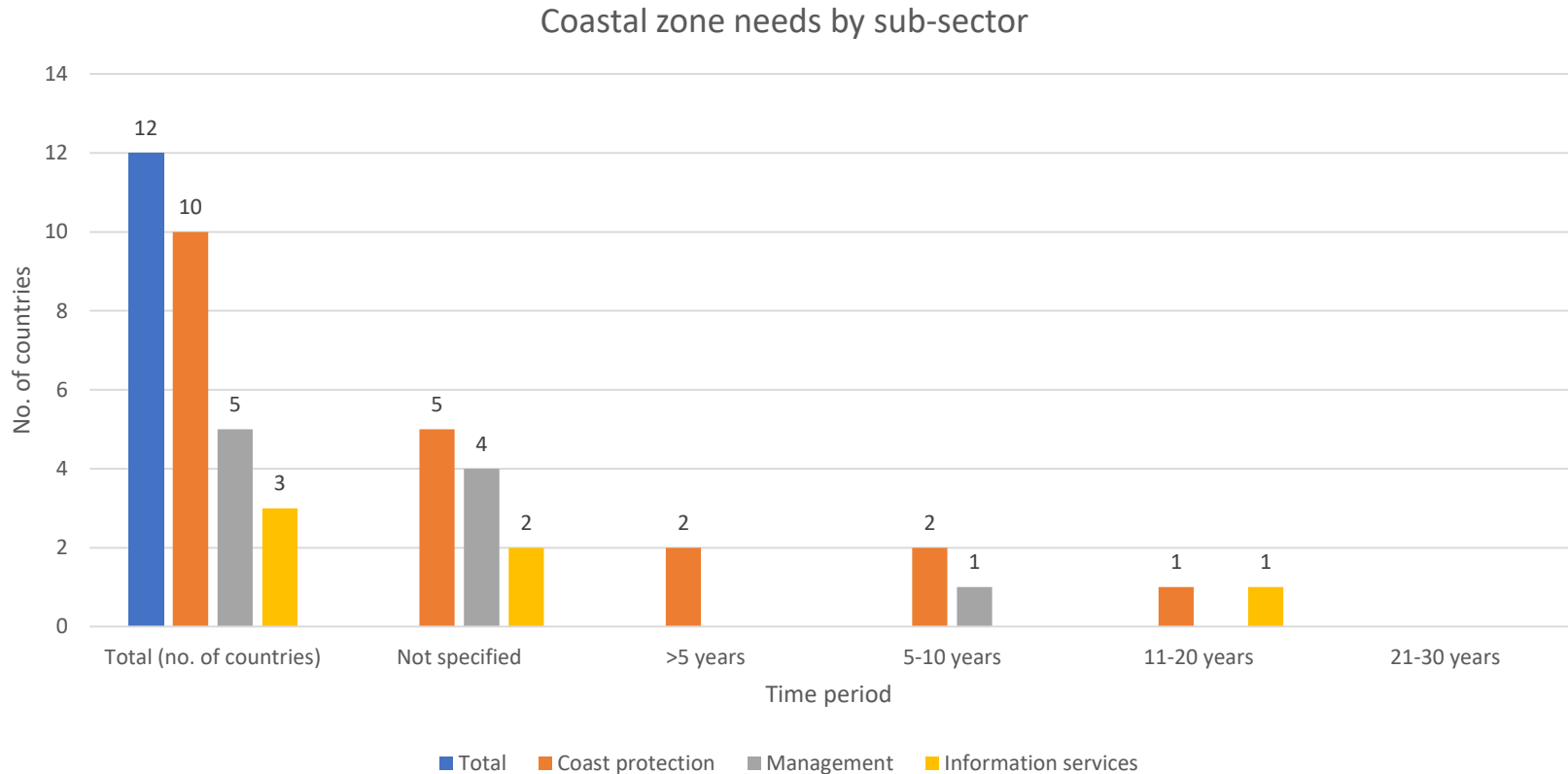


14 States identified crop diversification, water irrigation, early warning systems and livestock protection as priority sub-sectors for the agriculture sector.



## Examples of technology needs: Agriculture

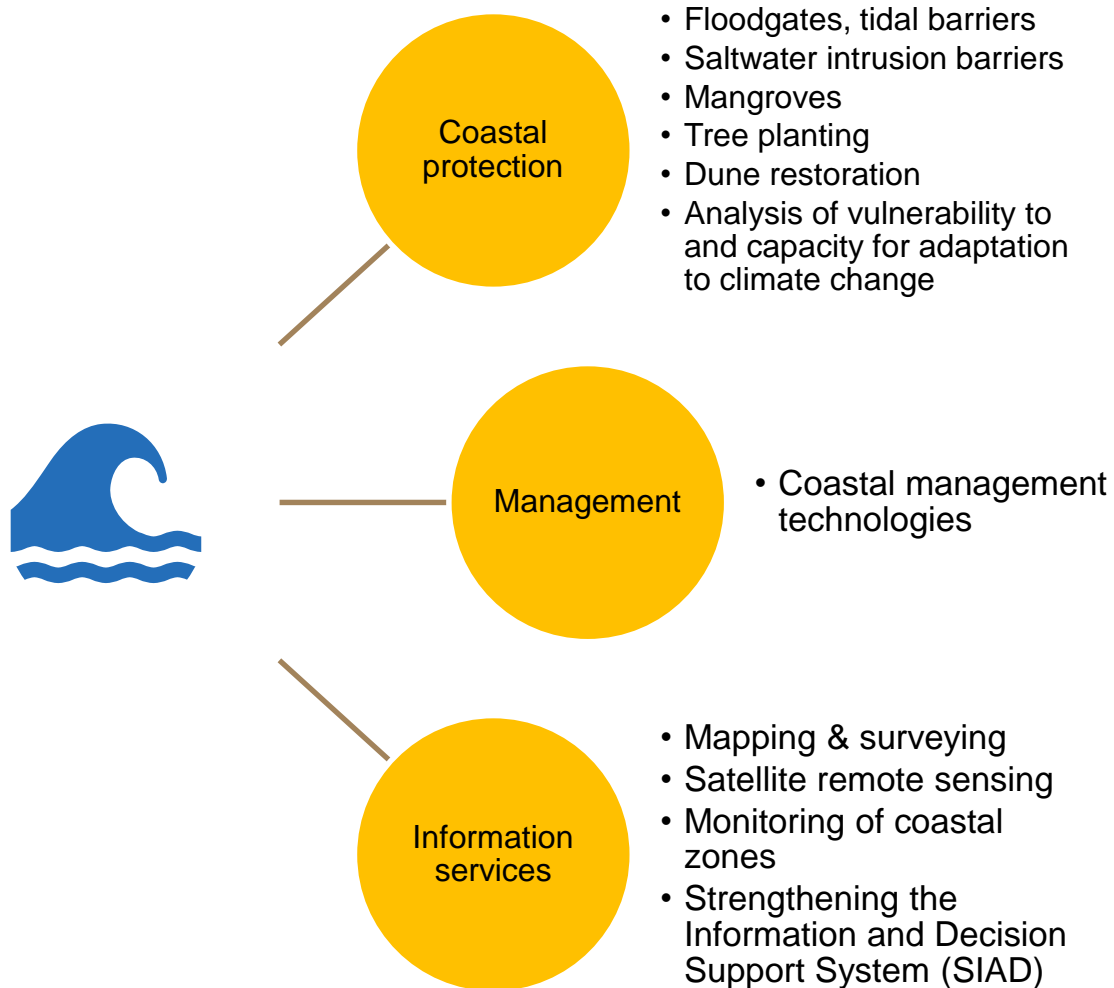




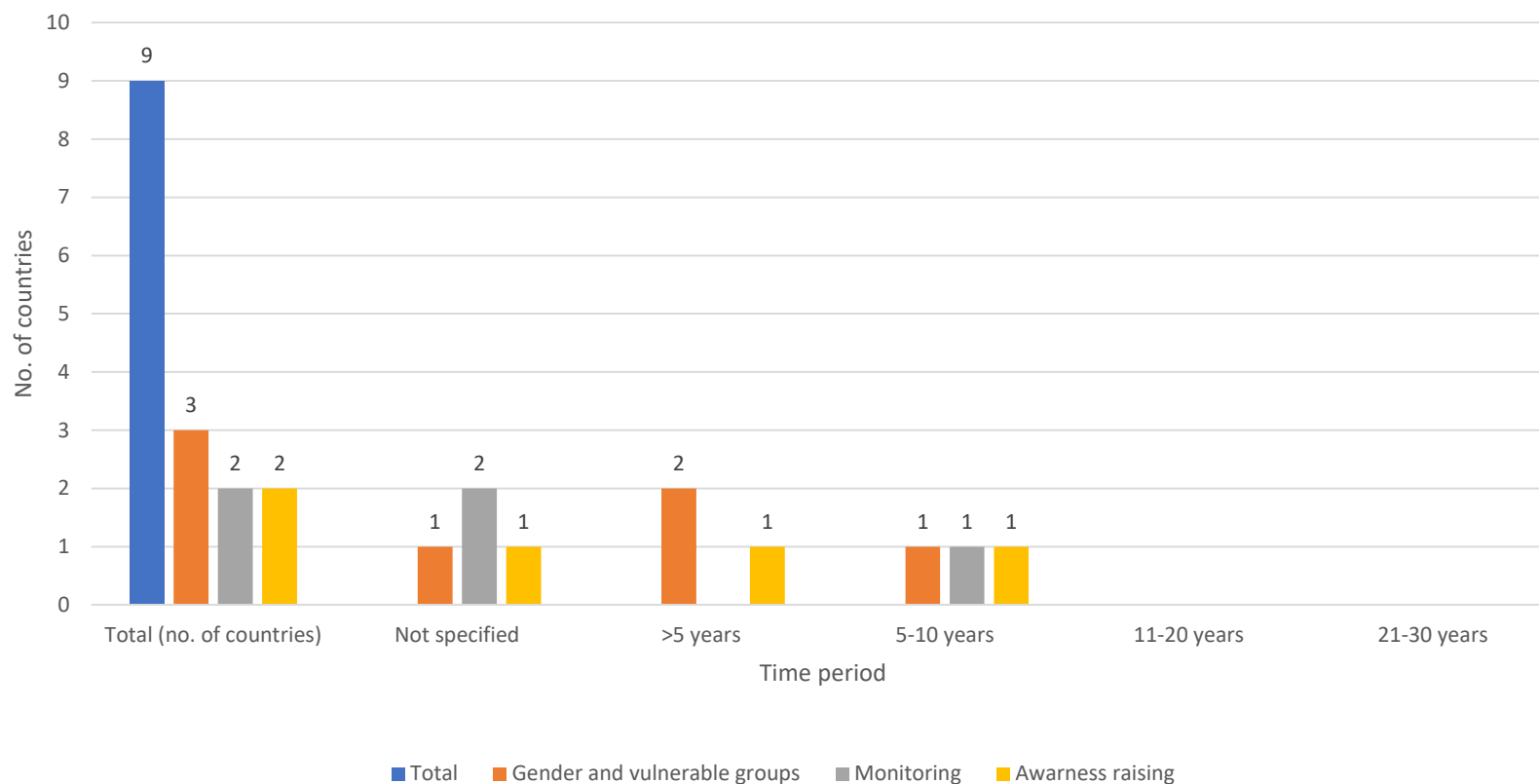
12 States identified coastal zone coastal protection, management and information services as priority sub-sectors for coastal zones.







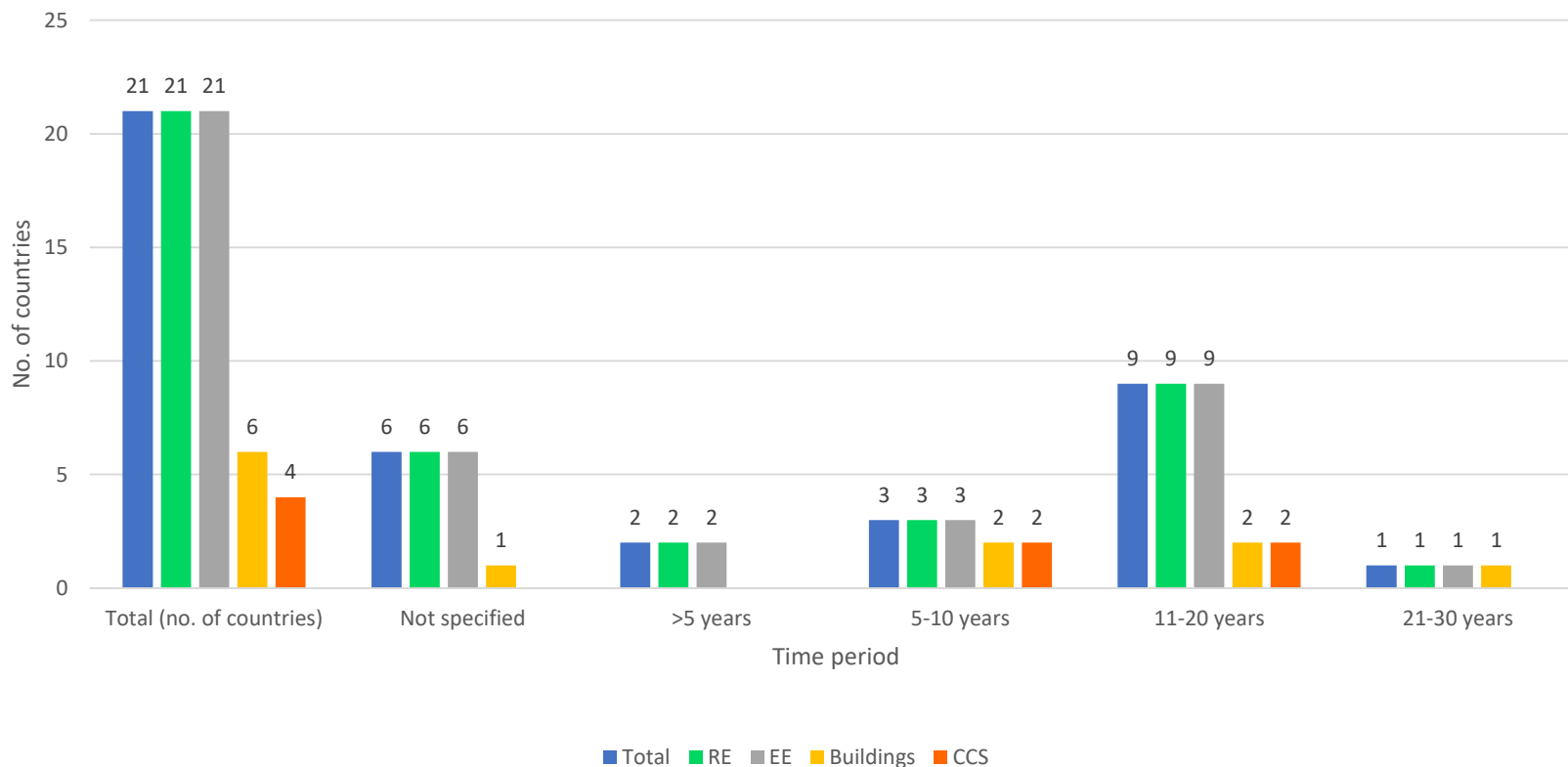
Health needs by sub-sector



9 States identified Gender and vulnerable groups, monitoring and EWS as priority sub-sectors for health.

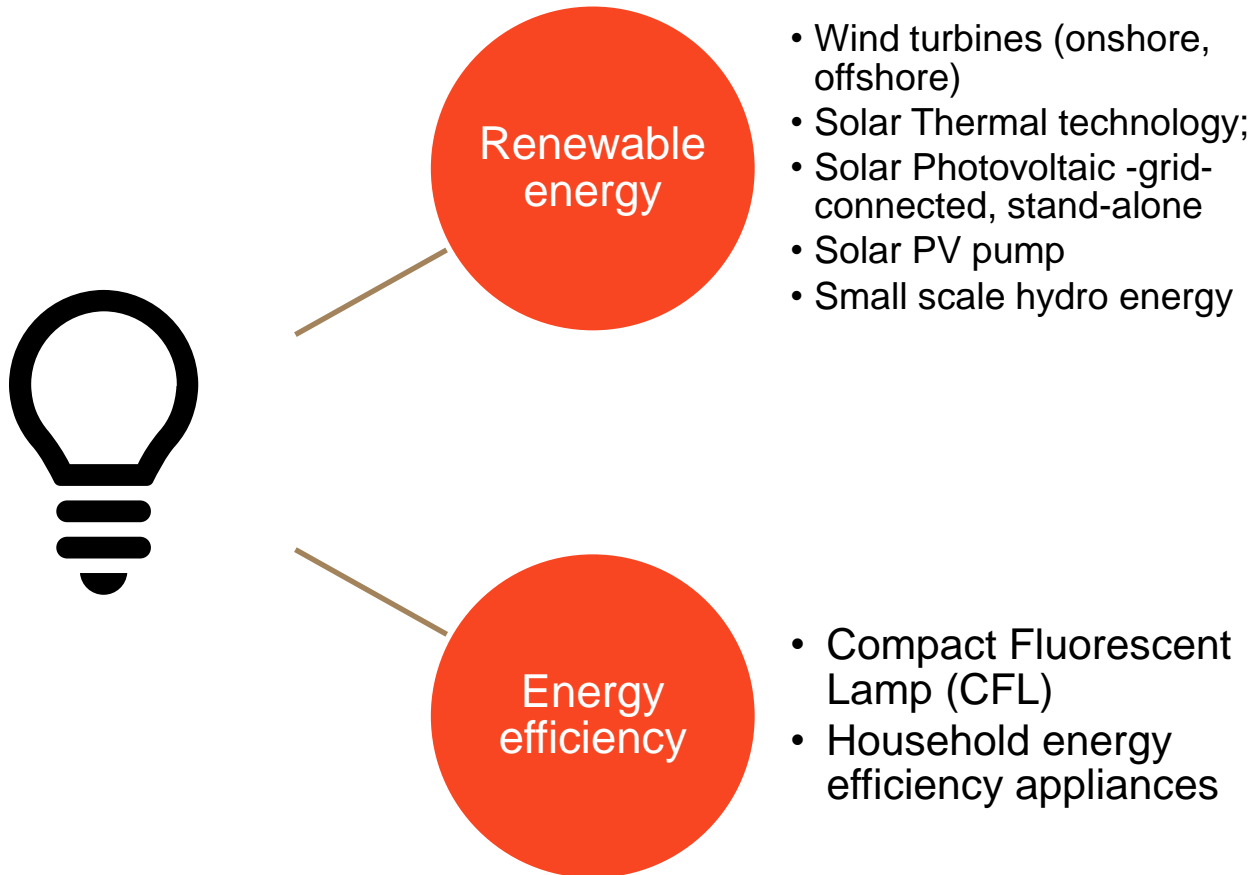


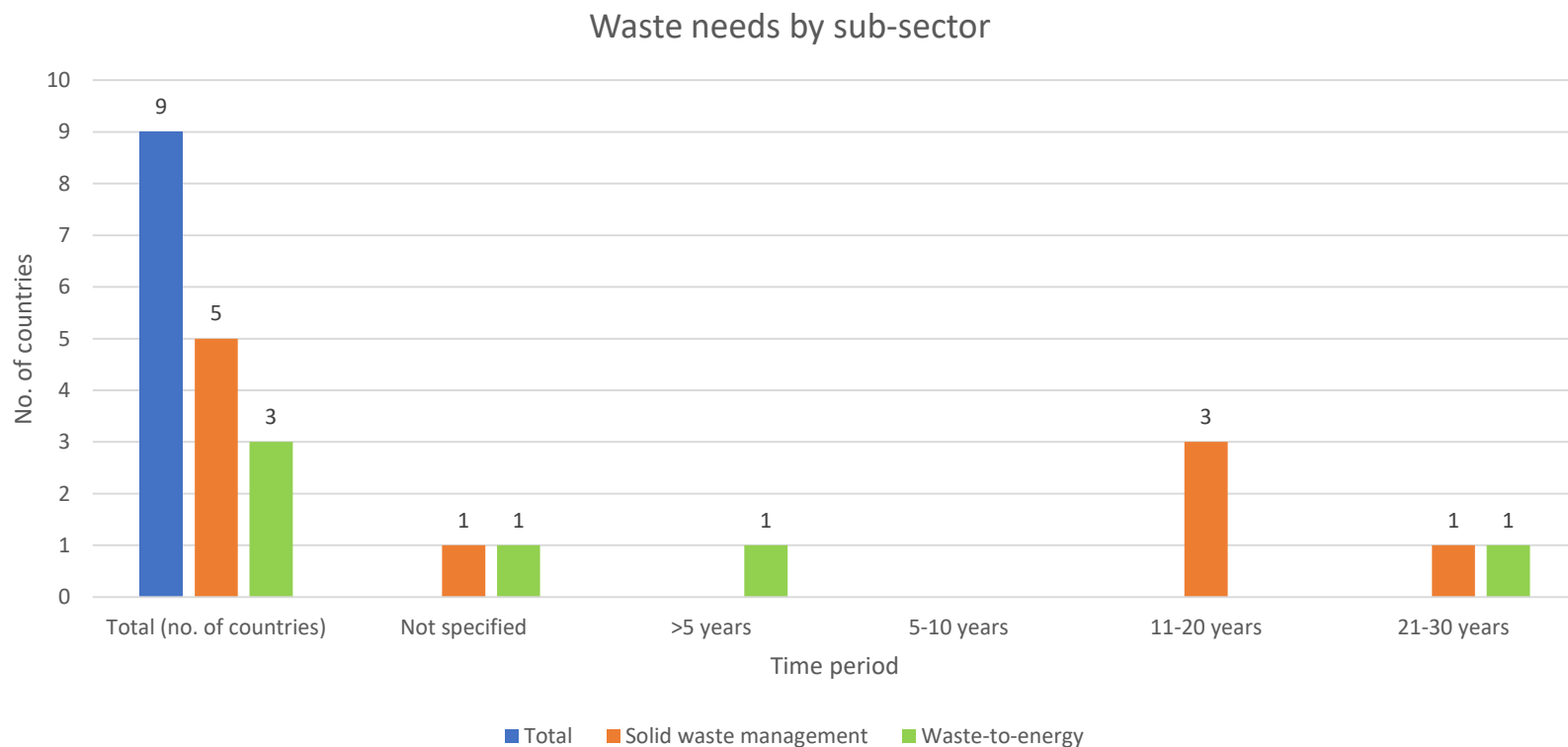
Energy needs by sub-sector



21 countries identified energy efficiency and renewable energy as priority sub-sectors, 6 buildings and 4 CCS

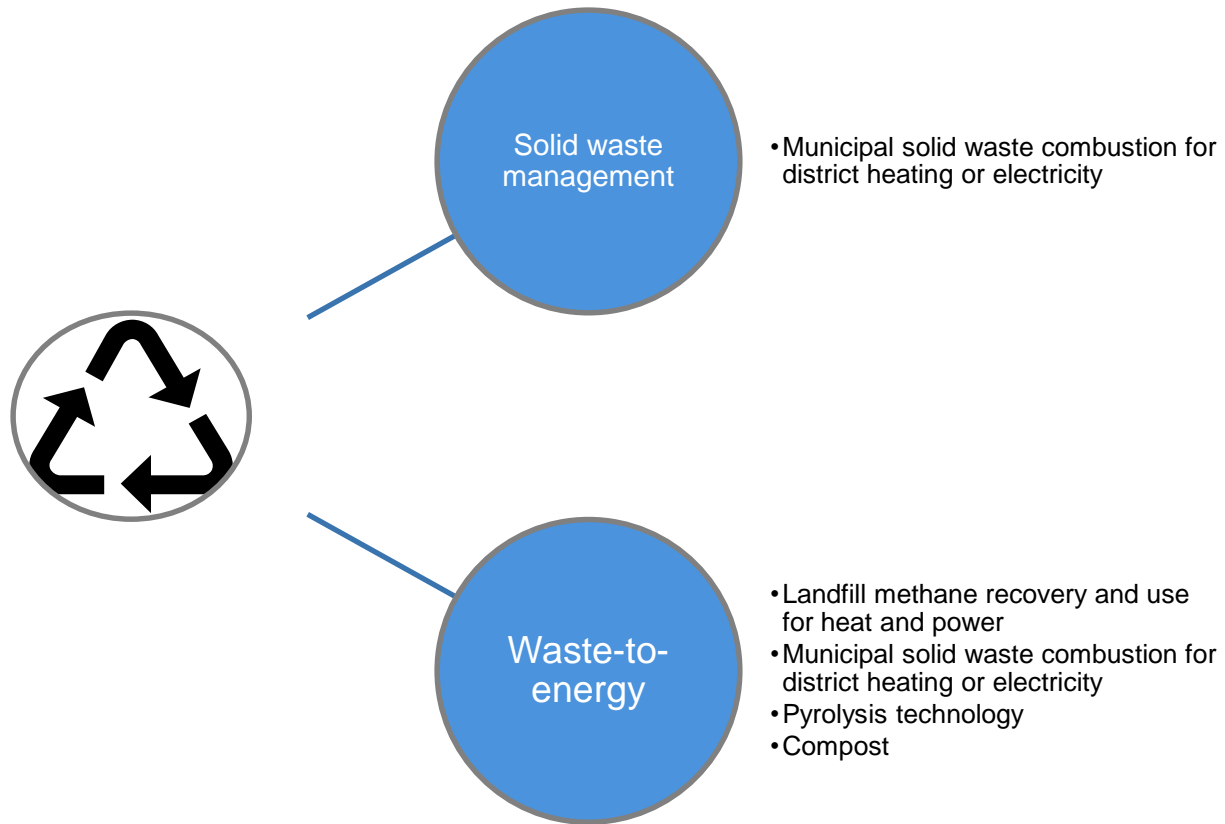




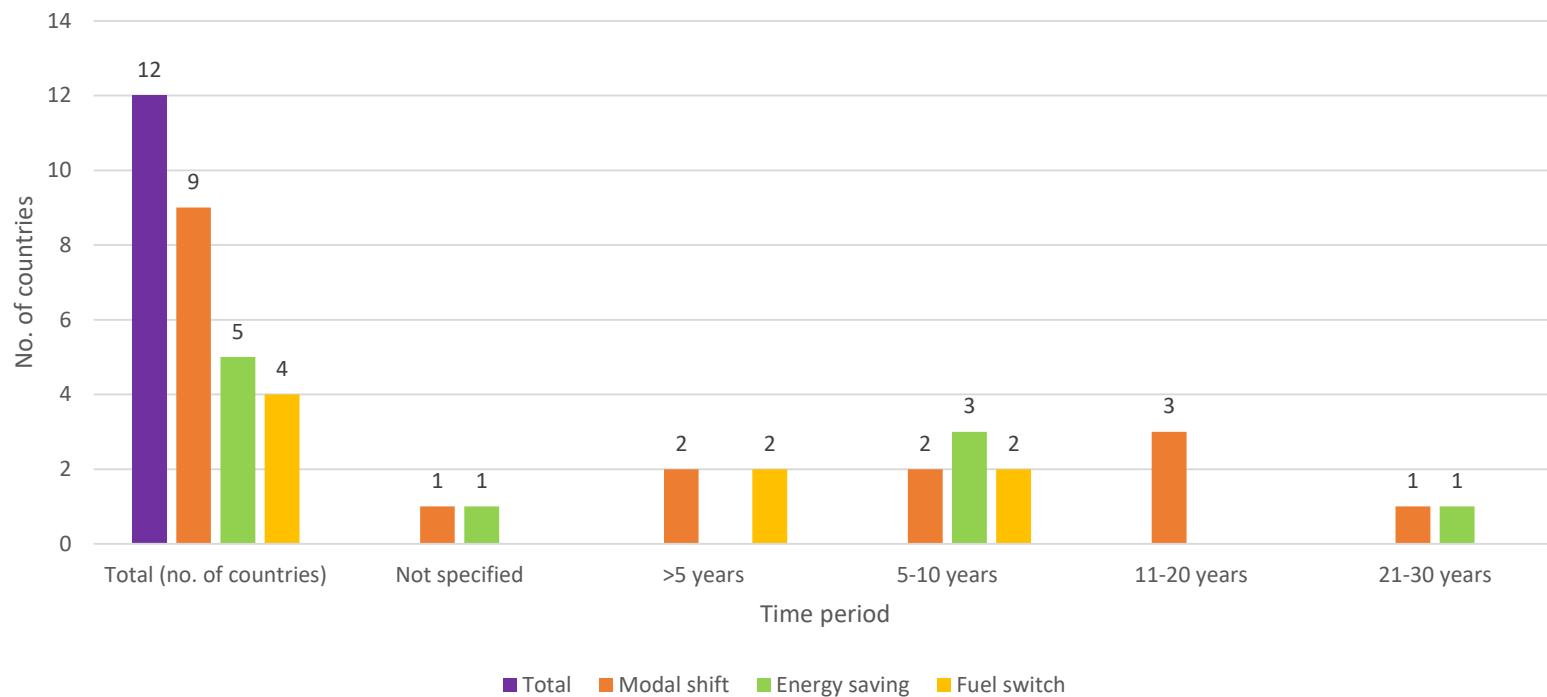


9 States identified needs at the sub-sectoral level for waste, of which 5 states identified solid waste management and 3 waste-to-energy as a major need.





Transport needs by sub-sector



12 States provided information on transport needs at the sub-sectoral level, identifying modal shift, energy saving and fuel switch as main areas of needs.

