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Resilience Learning Month 2022

Upstream Climate Assessments – Rationale, Types, and Examples

Approaches for Upstream Climate Assessments

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Need for Adaptation

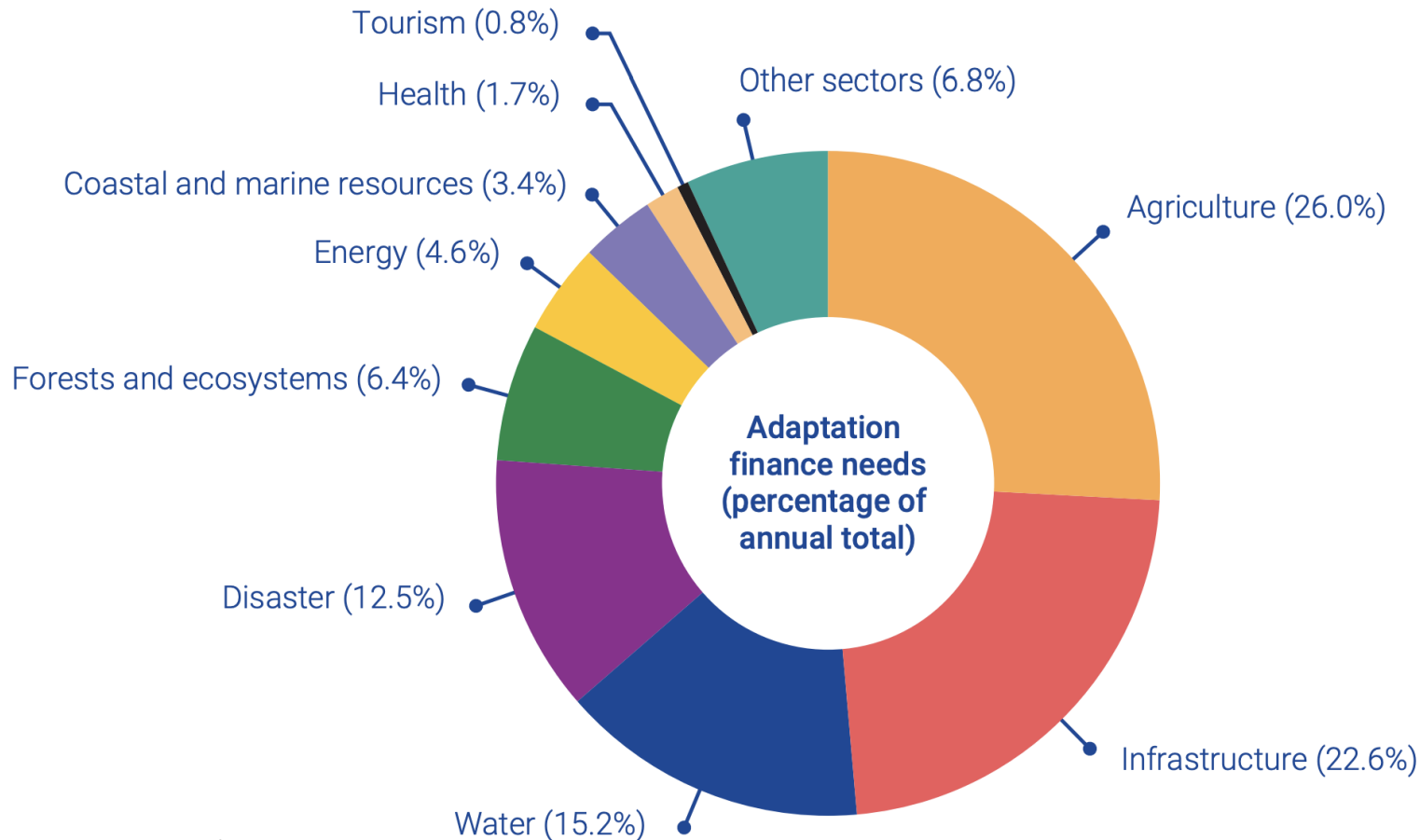
- Asia and the Pacific is vulnerable to the impact of climate change.
- Investments supporting climate resilience are critical for advancing sustainable development
- Annual adaptation costs of US\$ 140–300 billion by 2030 and US\$ 280–500 billion by 2050 will be required (UNDP, 2021).
- Adaptation is a priority for DMCs and ADB with increasing commitments (ADB: US\$ 34 billion between 2019 and 2030).





Priority Sectors for Adaptation

Sectoral analysis of government of quantified adaptation finance needs.



Source: UNDP Adaptation Gap Report 2021





Rational for Upstream Climate Assessments

Current Situation

- Due to the lack of information on climate impacts adaptation investments are largely incremental and small-scale (IPCC, 2022).
- ADB projects are assessed for potential climate impacts and climate proofing measures are integrated.

Adaptation Projects – Type 2

- Adaptation projects with a focus on climate resilience outcomes.
 - Projects predicated solely on the need to address climate change risks.
 - Projects with design informed by climate risk and adaptation is part of project output and outcome design.





Rational for Upstream Climate Assessments

Content of Assessments

Upstream climate assessments to deepen understanding of the relevant climate context by assessing:

1. National or regional adaptation priorities and plans
2. Climate impacts in a region or on a system
3. Vulnerability and adaptive capacity
4. Suitable adaptation options
5. Opportunities for meaningful stakeholder engagement





Types of Upstream Climate Assessments

In ADB there are different approaches for climate assessments with distinct scopes and aims:

- **Rapid climate change assessment** to inform strategic directions of ADB (e.g. ISGA and CPS)
- **Sector and/or location specific climate assessments** to identify investment opportunities (e.g. CAREC Water Pillar Climate Scoping Study, UZB Amu Darya Basin Climate Assessment)
- **Project related climate assessments** inform design of investments (e.g. CRVA, CCA and RRP)

