

Evolution of the design of public investment design in drought risk management

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Food and Agriculture Organization of the United Nations

Findnce flows uncovered

Hidden – contribution of climate and development finance to drought resilience without explicit reference to 'drought'

One-sided – role of sectors in drought resilience overshadowed by the most impacted sectors

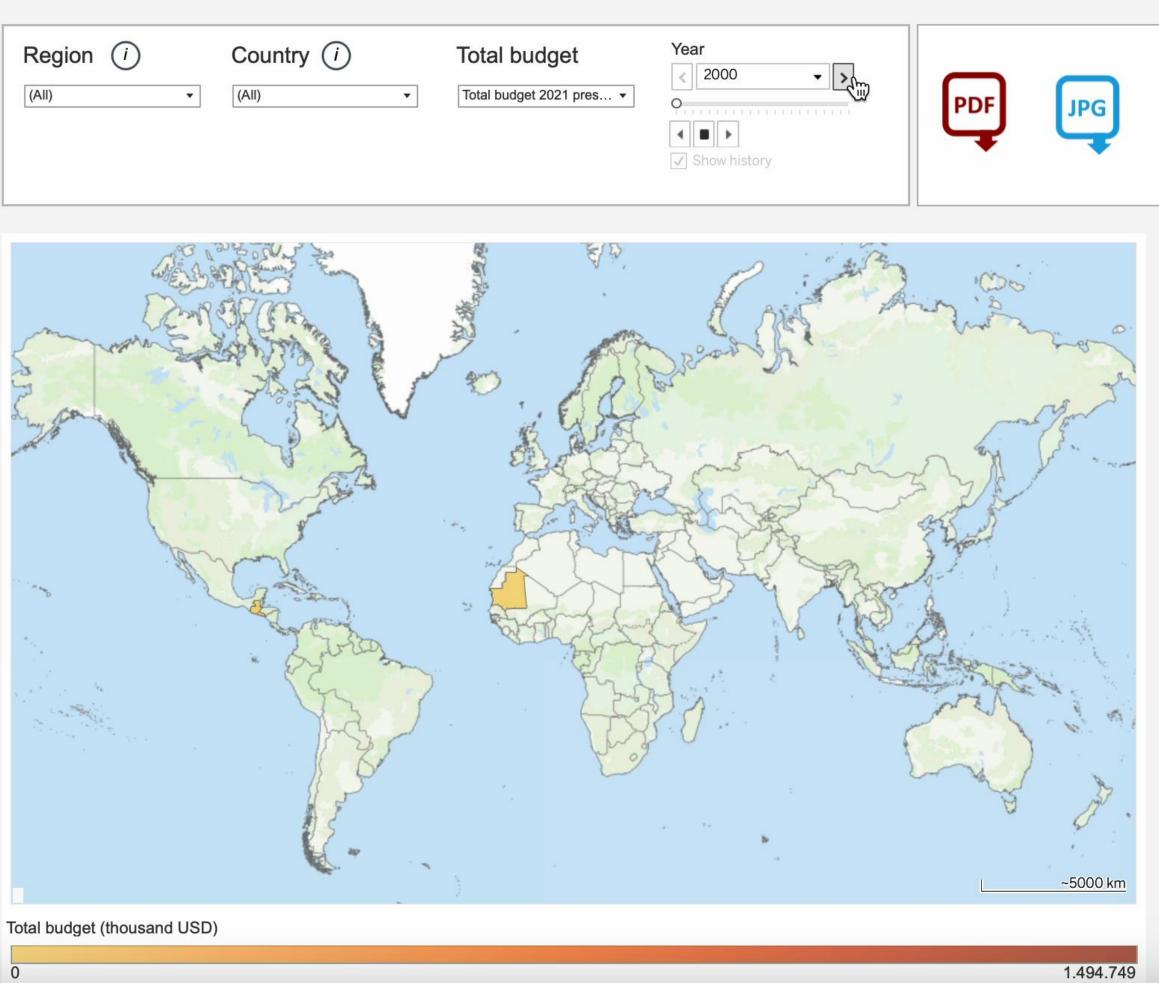


What do we know about the historical international public investment in drought resilience?



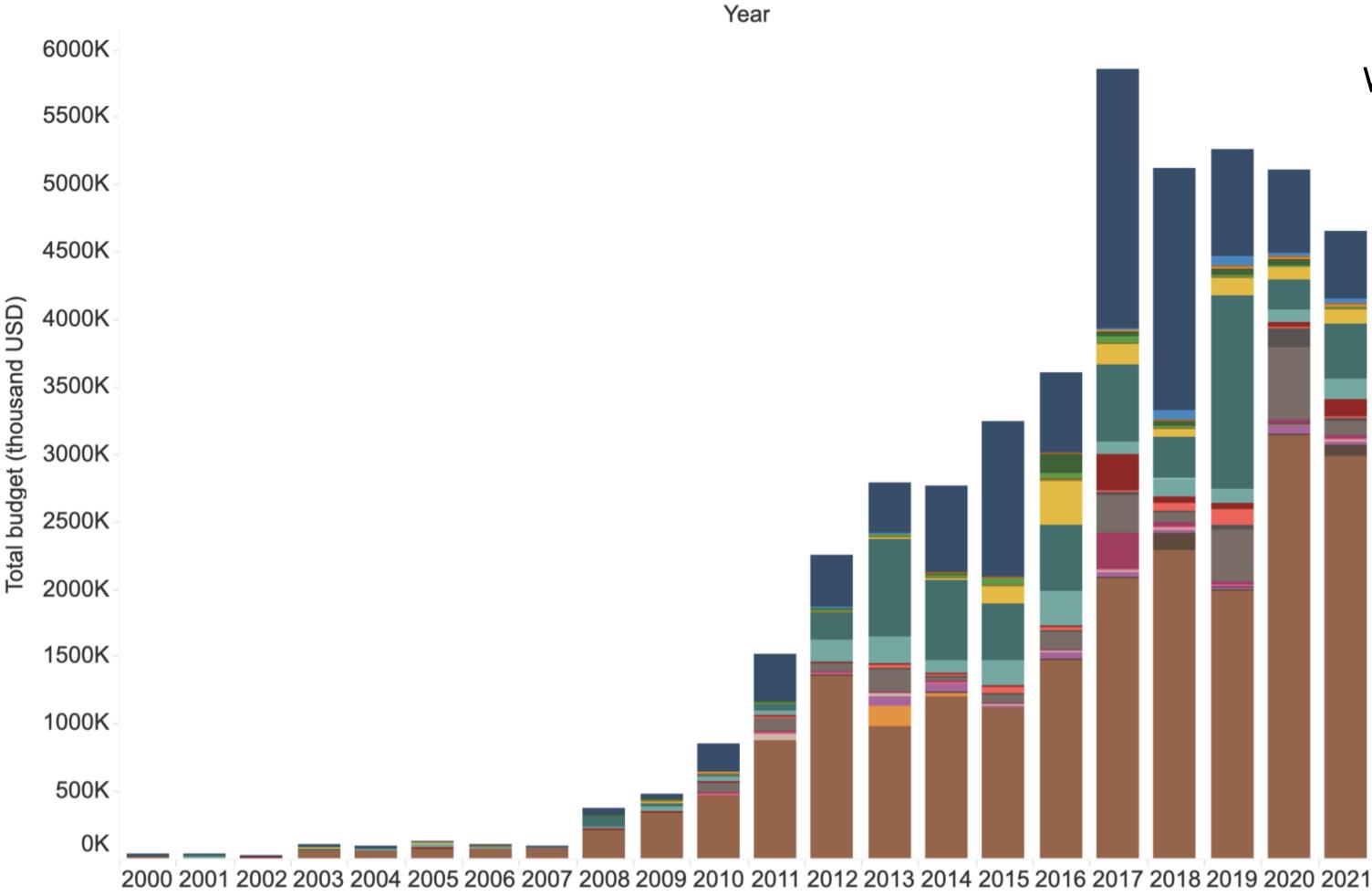
Timeline of drought-related finance 2000 to 2021

Region (i)	Country (i)	Total budget	Year
(All)	(All)		2000 O Image: Show history





Annual distribution of financial flows amongst sectors



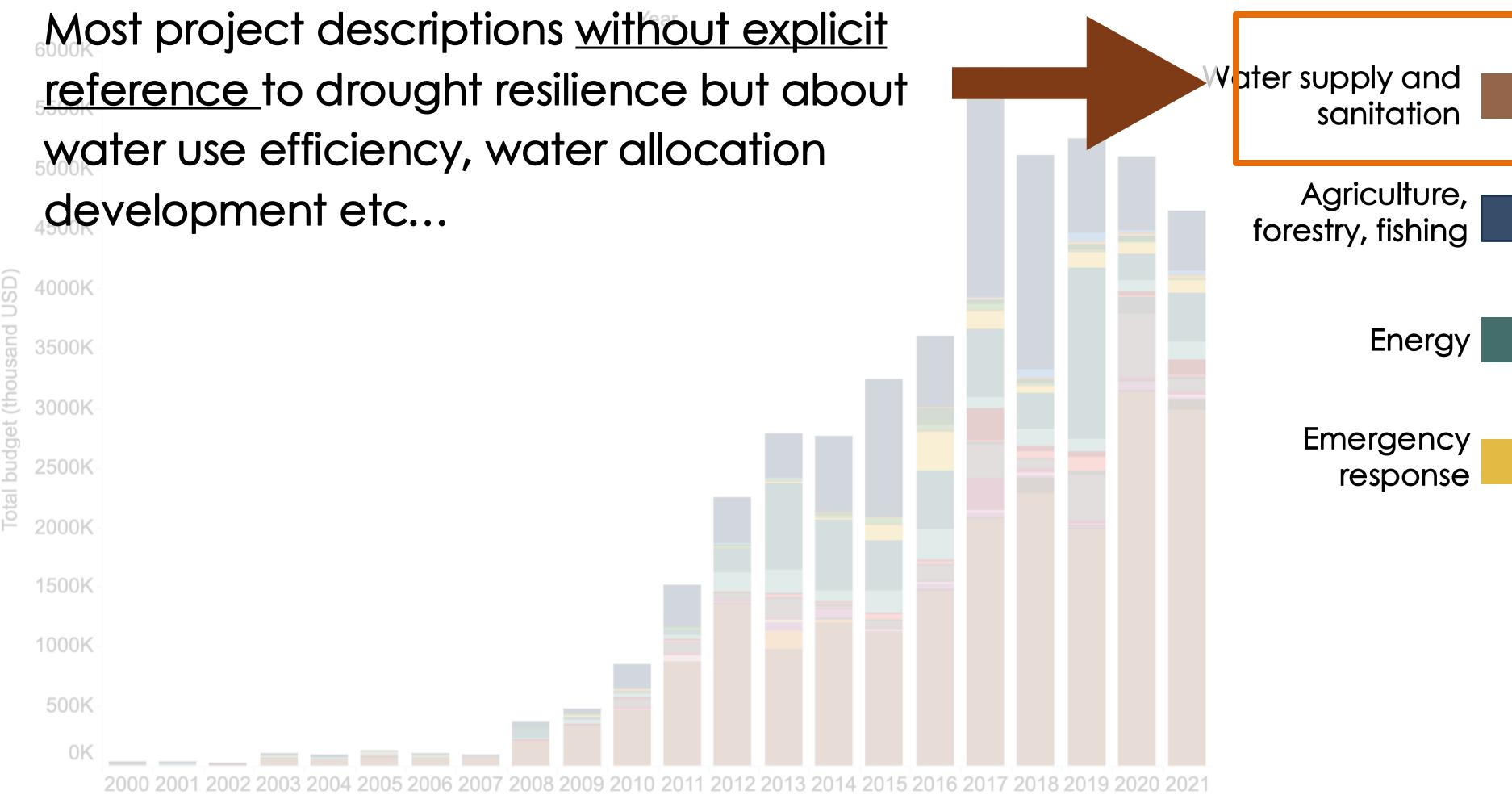


Agriculture, forestry, fishing



Emergency response

Most project descriptions without explicit <u>reference</u> to drought resilience but about development etc...



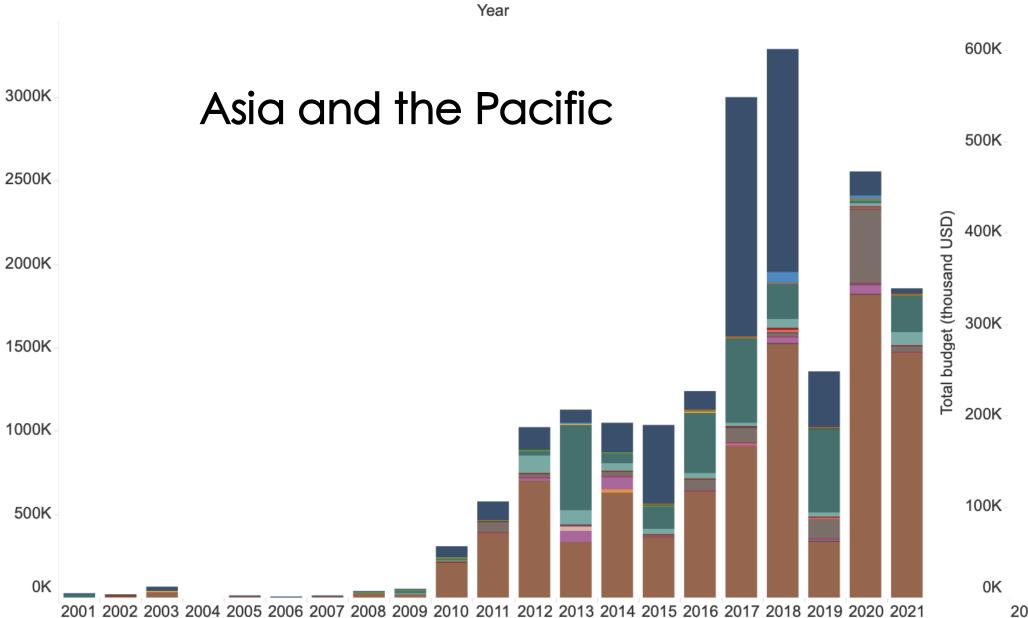
Region-specific patterns

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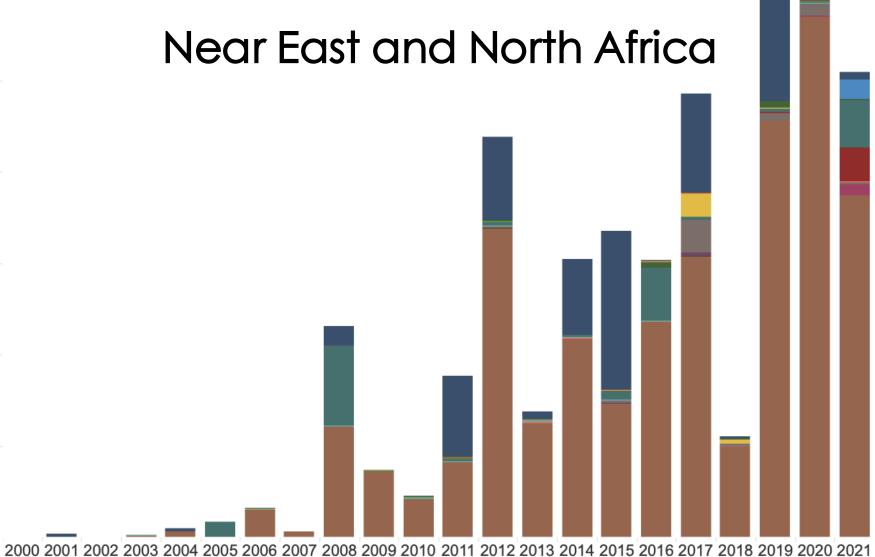




Agriculture, forestry, fishing

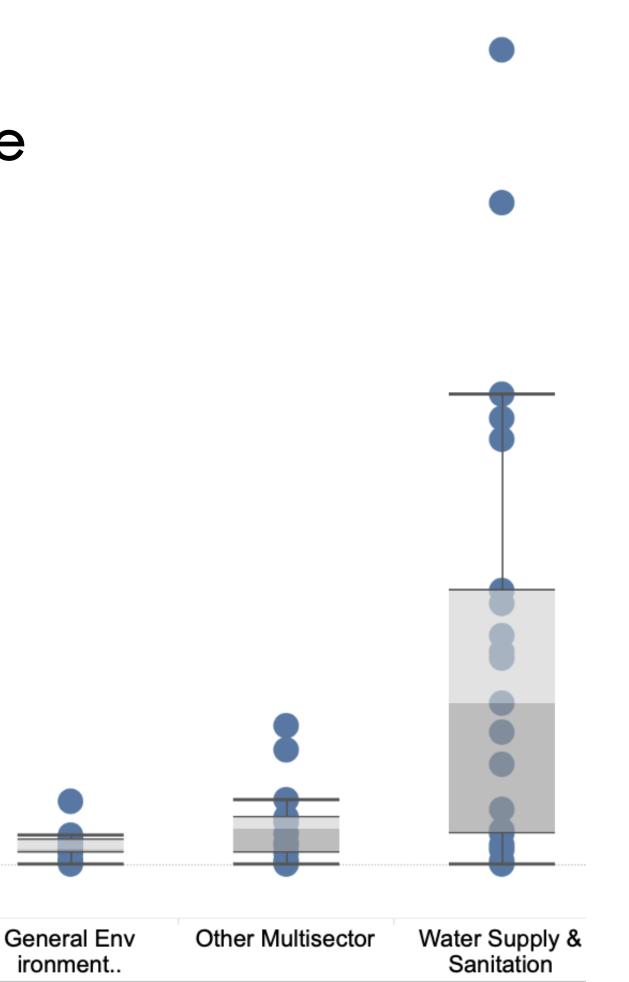
Annual distribution of financial flows amongst sectors

Year



Distribution of annual project budgets in the main recipient sectors Sector 1000K 900K Emergency operations require 800K substantial budget 700K Total budget (thousand USD) 600K 500K 400K 300K 200K 100K 0K Agriculture, Development Food Disaster Prevention Emergency & Preparedness Forestry, Fishing Assistance Response



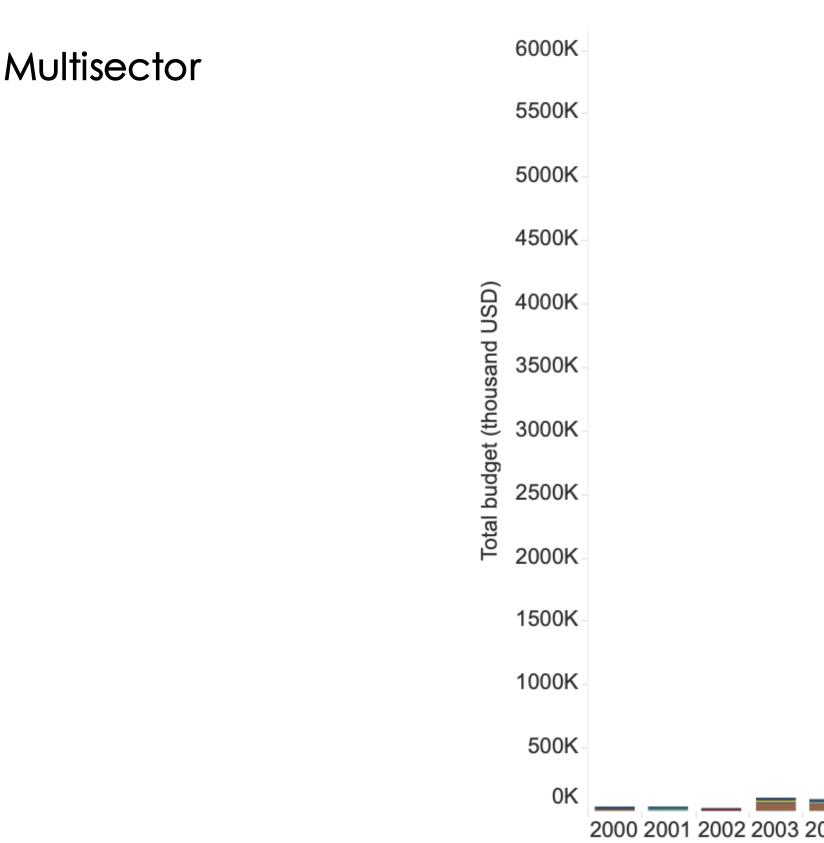


The technical content of projects

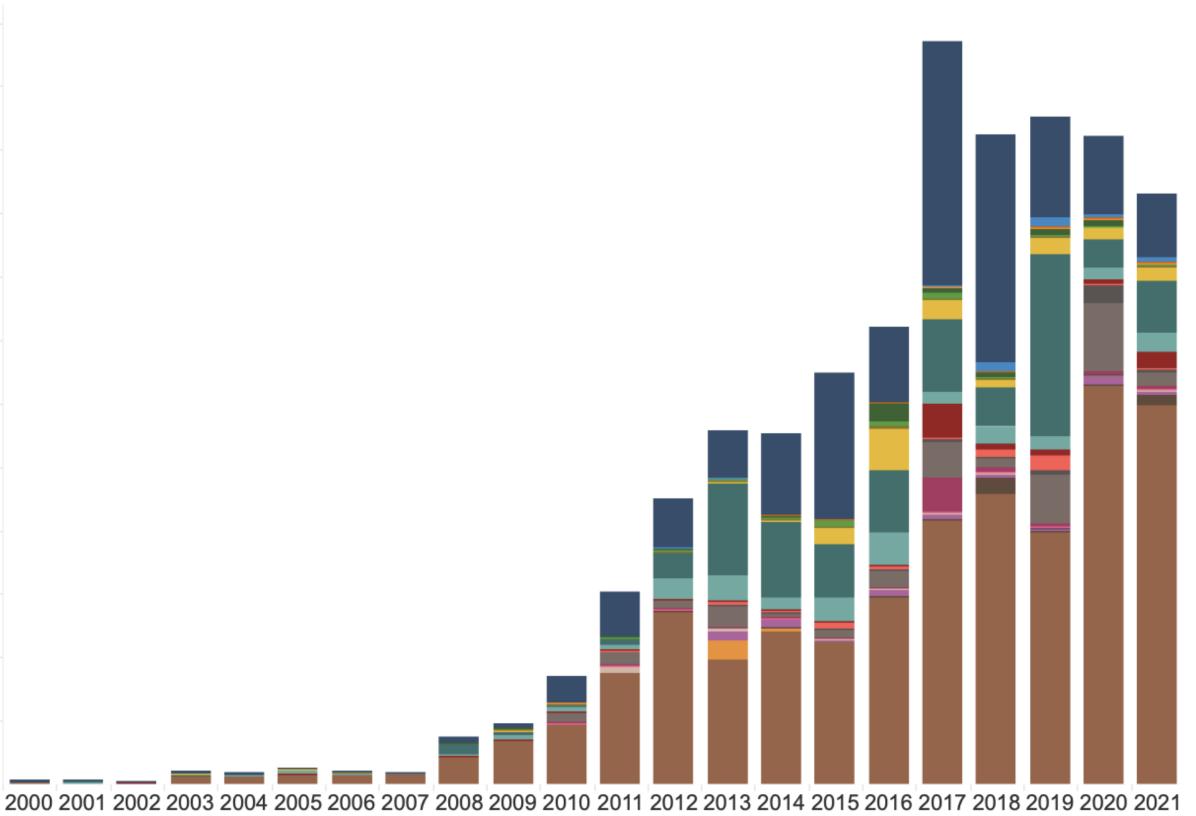


Seemingly few multisector projects

Annual distribution of financial flows amongst sectors



Year



Technical content

Infrastructure:

- largest financial allocation irrigation above all
- few project counts
- water supply, agriculture, energy sectors
- debt instruments



Technical content

Capacity building, planning / programming, methods and practices:

- most project counts •
- small-scale interventions at grassroots level
- moderate financial allocation
- cross-sector interventions



Technical content

Integrated drought management pillars:

- multiple pillars in one project
- pillar 2 least prevalent





Timeline of drought-related finance 2000 to 2021

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Food and Agriculture Organization Discover

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Drought portal - Knowledge resources on integrated drought managem

Are Sesilience - Emergency Drought Finance Tracker Policy to action Learning resources - Events

About the Drought Finance Tracker

The FAO Land and Water Division developed a new global tool to track drought finance at country level.

The lack of a consistent, comprehensive, and dedicated reporting system is one of the major barriers to assessing the status of droug finance. Over the past 20 years, however, official development assistance has been monitored and registered by the Organisation for Economic Co-operation and Development (OECD). Leveraging this database, FAO has analysed drought-related projects and built dru specific database that forms a basis for the Drought Finance Tracker.

The FAO Drought Finance Tracker is an innovative and user-friendly platform for the elaboration of statistics and analyses of drought finance. It supports decision-makers to get an overview of the finance trends at global level, download and share statistics about the flows, and carry-out advanced analysis for finance flows.

THE NEW DROUGHT FINANCE TRACKER 2.0: THE DIGITAL ERA IN DROUGHT FINANCE MONITORING!

Building on the success of tracking drought-related projects worldwide, the Drought Finance Tracker expands its coverage!

In collaboration with the Budapest University of Technology and Economics, the tool now includes a wider range of drought-related g addressing meteorological, agricultural and hydrological types of drought. By leveraging state-of-the-art information extraction techn and machine learning models, the drought-specific database has been enhanced to provide deeper insights and broader analysis of flows.

Methodological note

Drought Finance Tracker 2.0

STATISTICS

OVERVIEW

EXPLORE MO

ANALYSIS

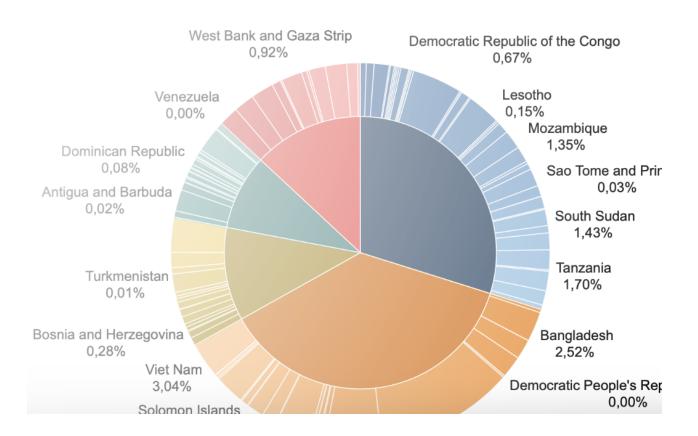
Distribution of projects amongst sectors



Drought Finance Tracker 2.0

	Drought Finance Tracker 2.0									
	HOMEPAGE	STATISTICS	OVERVIEW	EXPLORE MORE	ANALYSIS					
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	Country (i)	Total budg		Financial instrument						
•	(All)	▼ Total budget 20	21 present value 🔹	(All)	•					

Share of total budget per region and country





Thank you!