



WOMEN IN DATA INVESTMENT IN CLIMATE SERVICES



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When was the last time you felt the touch of a leaf, if you don't remember just take time to feel it now. I bet it makes you more responsible.



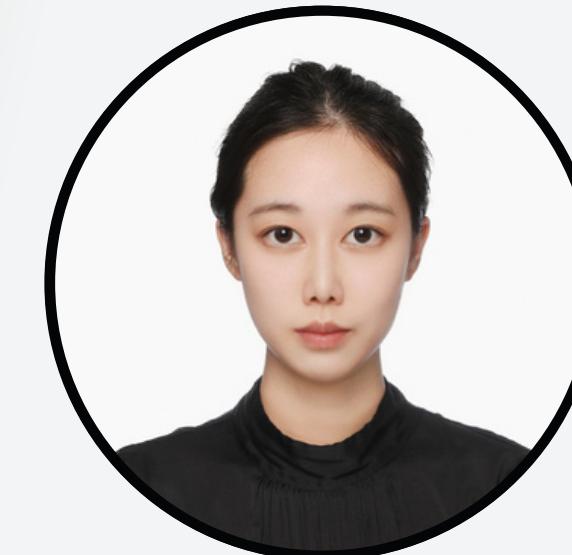
OUR TEAM



**Kondareddy
Thanigundala**



Clarissa Gunawan



Ning Ren



Gary Angdoko



Dakshta Mehta

PROBLEM STATEMENT



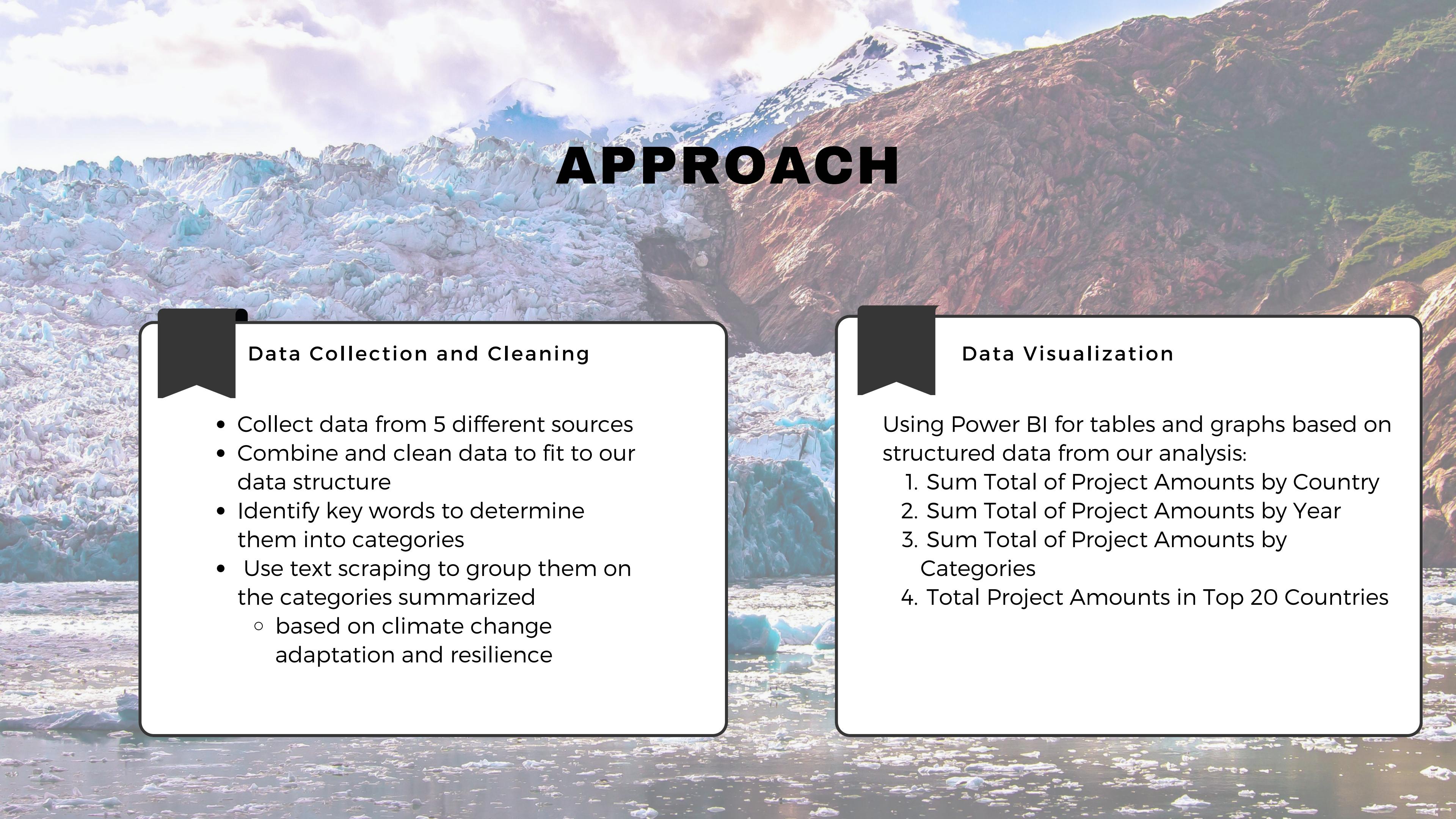
Importance of Climate Change

Climate change is one of the significant challenges in the era. And data analytics can be adopted to address the issue globally.

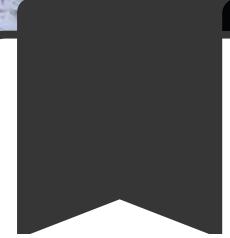


Investments in Climate Services

Insight about the climate change related projects financed by various funding sources and the future trends.



APPROACH



Data Collection and Cleaning

- Collect data from 5 different sources
- Combine and clean data to fit to our data structure
- Identify key words to determine them into categories
- Use text scraping to group them on the categories summarized
 - based on climate change adaptation and resilience



Data Visualization

Using Power BI for tables and graphs based on structured data from our analysis:

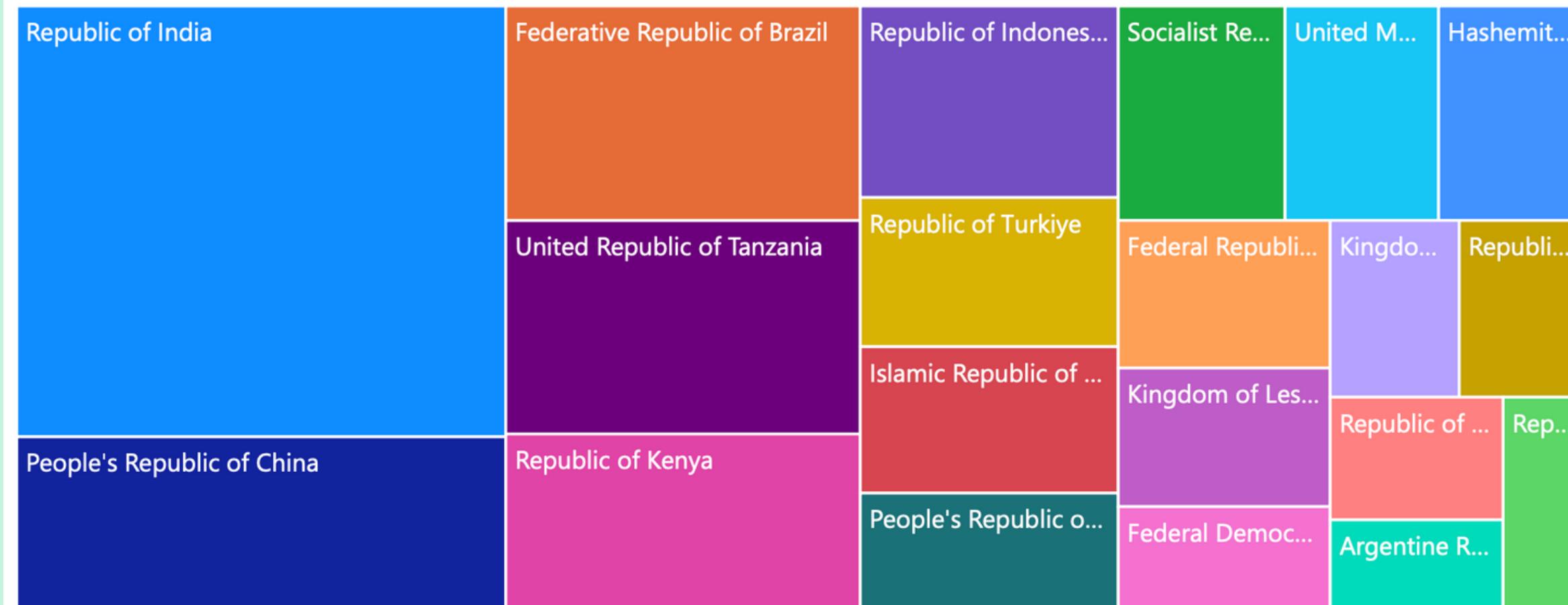
1. Sum Total of Project Amounts by Country
2. Sum Total of Project Amounts by Year
3. Sum Total of Project Amounts by Categories
4. Total Project Amounts in Top 20 Countries

KEY FINDINGS

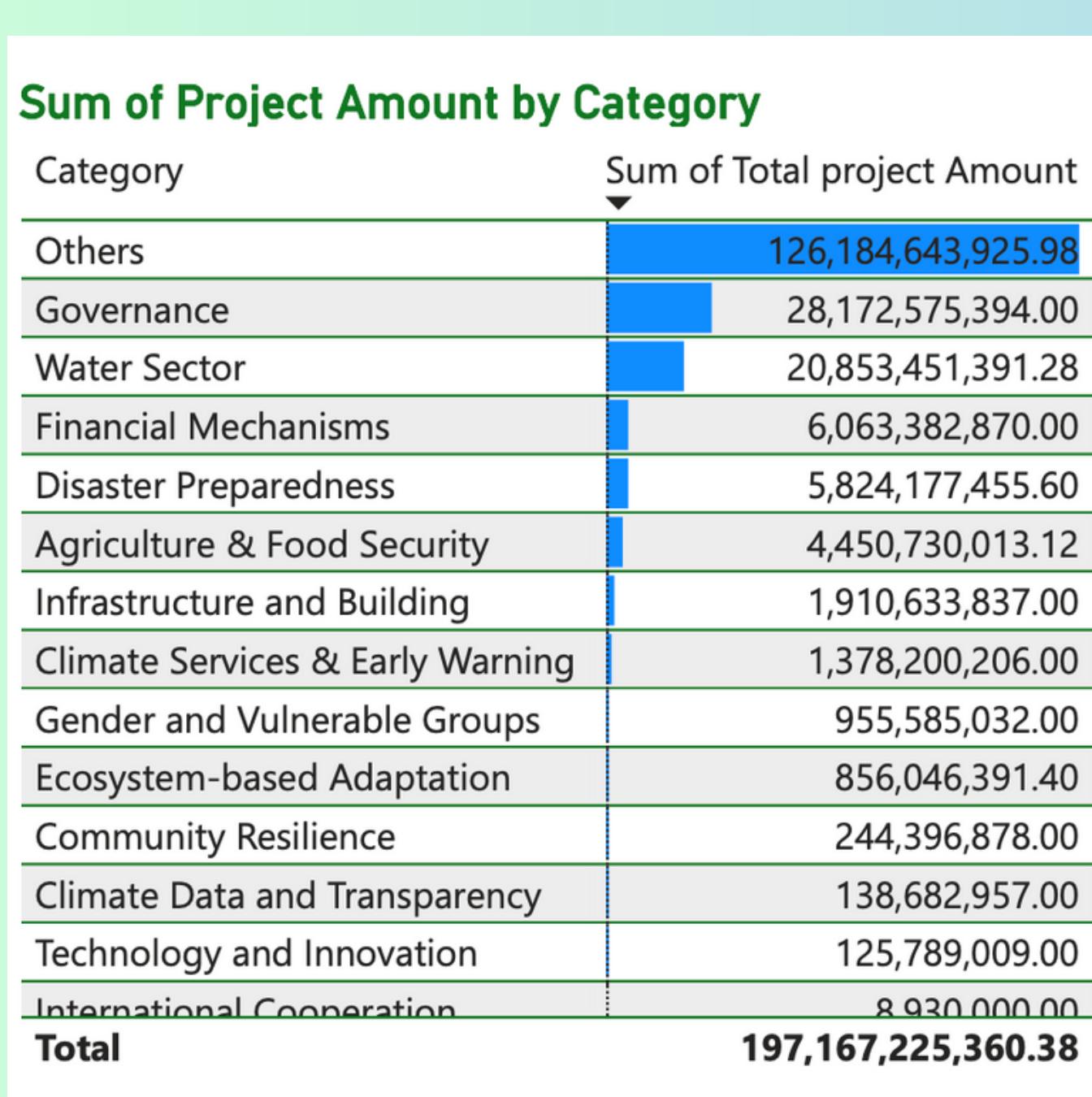
Sum of Total Project Amount by Country(ies) Involved



Total Project Amount in Top 20 Countries



SPENDING ANALYSIS



Even though Governance is one of the important areas, the spending on Governance is the most, it is way over the limit.

RECOMMENDATIONS

Importance of Climate change

- United States need to start investing in climate change projects
 - 4,970 metric tons of CO₂ in 2022
- There need to be more climate service projects in China
 - India's finance contribution is twice more than China's contribution

Investments in Climate Services

- The losses in 2022 due to climate and environmental issues are \$313 billion , in context of this more priority should be given to Climate services and early warnings.
- We recommend steps should be taken to increase the funding for this category by 5x. This will approximately be 2.5% of value of the damage it causes.

THANK YOU

