BNPB

CRT DEVELOPMENT

Coastal Resilience Tools

2024

Project Update

CRT STEP

STEP SOLUTION IDENTIFICATION

Objective

The goal of developing tools for this stage is to simplify the process of identifying the best solutions based on metrics.

Our strategy relies on data, as we gather and store information in a database to provide users with insights through a dashboard.

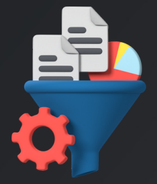
2 Solution Identification	
2.1. Access the Table of alternative solutions	Database
2.2 Select the Guidelines/Technical document for implementation	Database
2.3. Best practice of implementation	Database
2.4. Sustainable Resilience Analytical Model	Tool of Sustainable Resilience Analytical Model (SRAM)
	Tool to access System Dynamics
	Tool to access Rapidminer
2.5. Action plan	Tool of mapping the counter-measures costs

Our Approach

1

Consolidating stored data into a single dashboard.

2



Add a filter feature to the dashboard

3

Ensure that the data remains relevant.

4

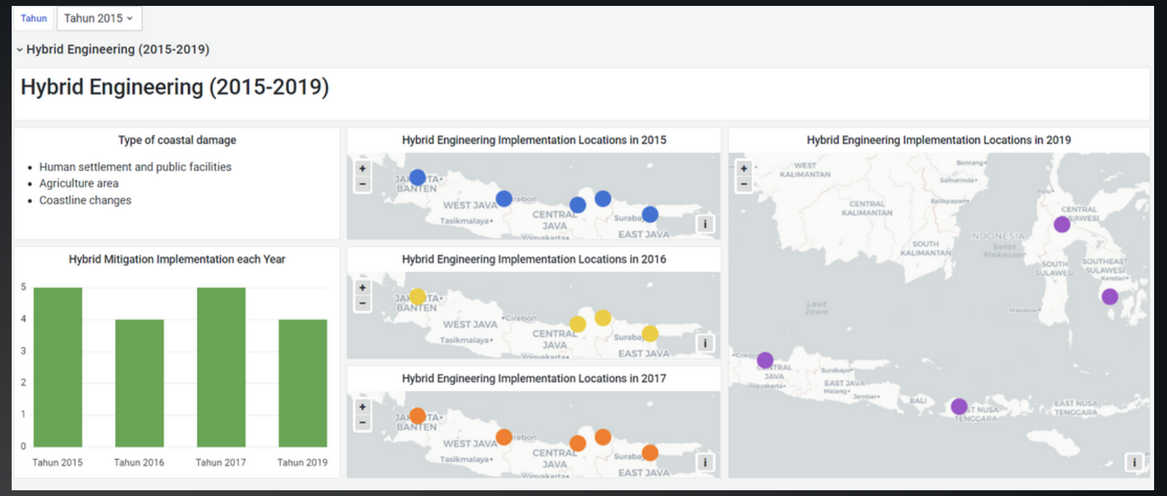
Dashboard that supports solution identification.

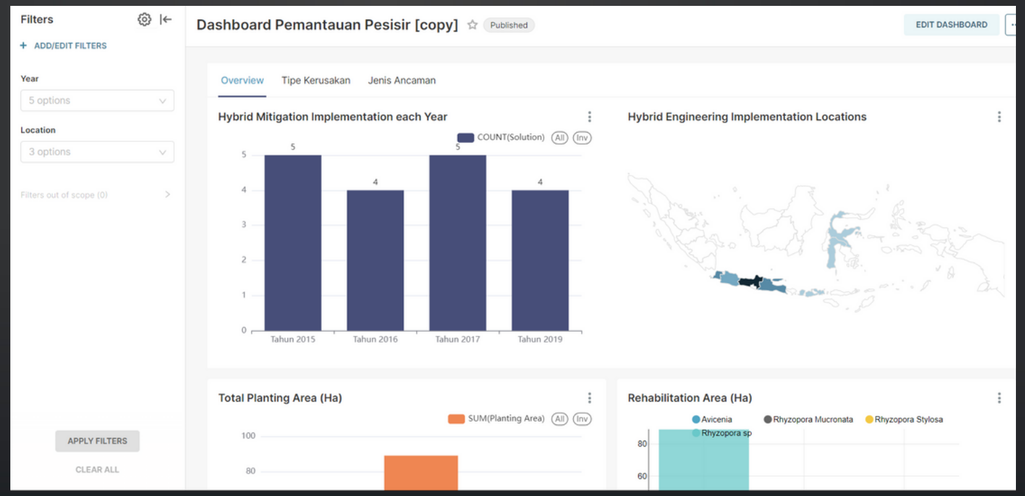
PLATFORM

We use an open platform as requested while still achieving our goal.

Grafana

Currently, we are experiencing an problem with the filter feature not functioning correctly, and when embedding the dashboard, it leads to some data loss.





Superset

Superset has fixed the Grafana problem. However, our current priority is to activate the dashboard embedding feature. At the moment, access to the dashboard still requires VPN.