



CHARITY HEATMAP

● HUMANITARIAN NEED HEATMAP

A live, data-driven dashboard that highlights humanitarian needs across Malaysia or globally, helping charities and NGOs act faster and smarter

KEY FEATURES



01

Live Interactive
Heatmap

02

Smart “Need Index”
Algorithm

03

Filterable Dashboard

04

Seamless & Transparent
Donations

05

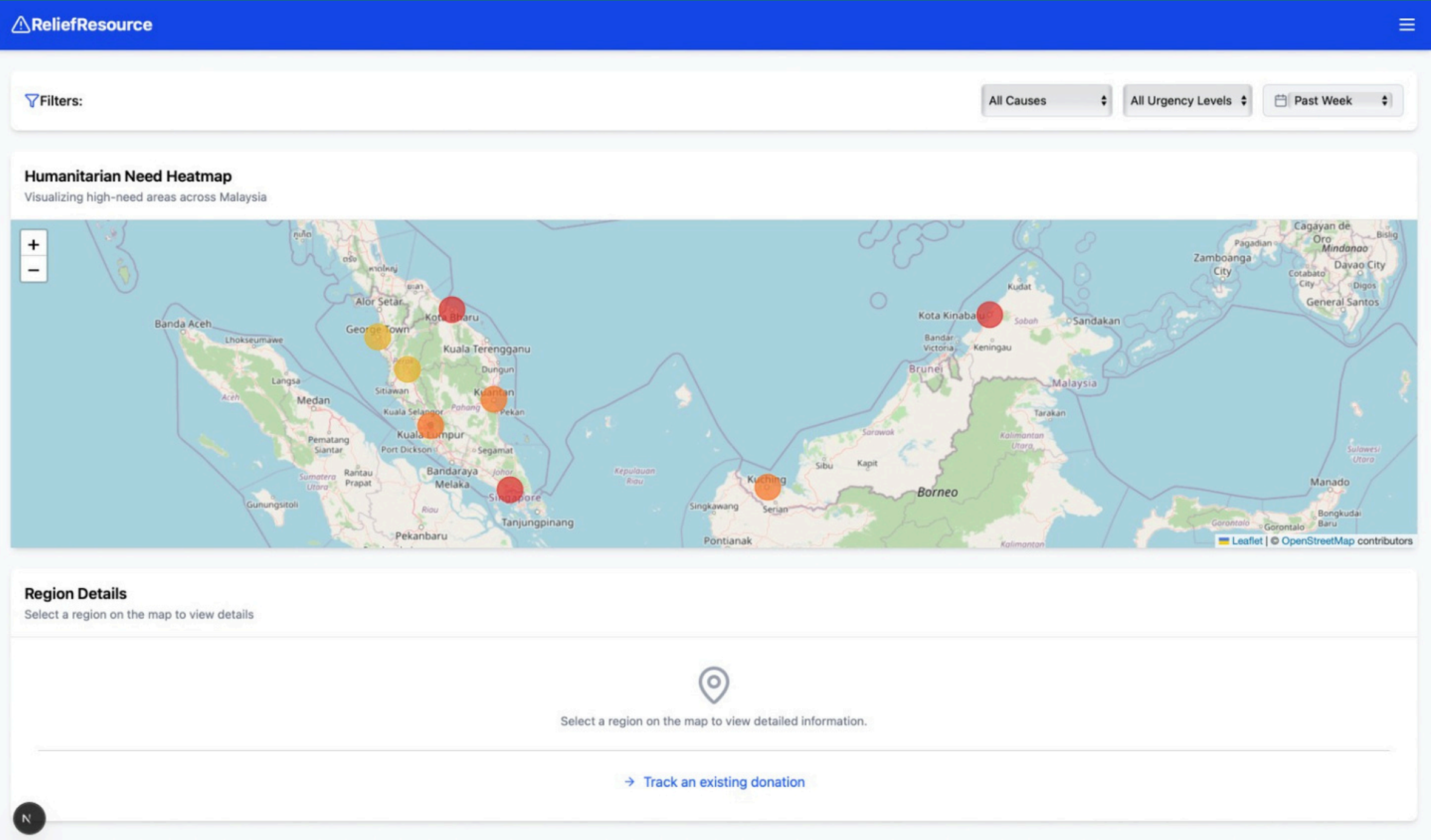
Donation Tracking

06

Analytics Dashboard



LIVE INTERACTIVE HEATMAP

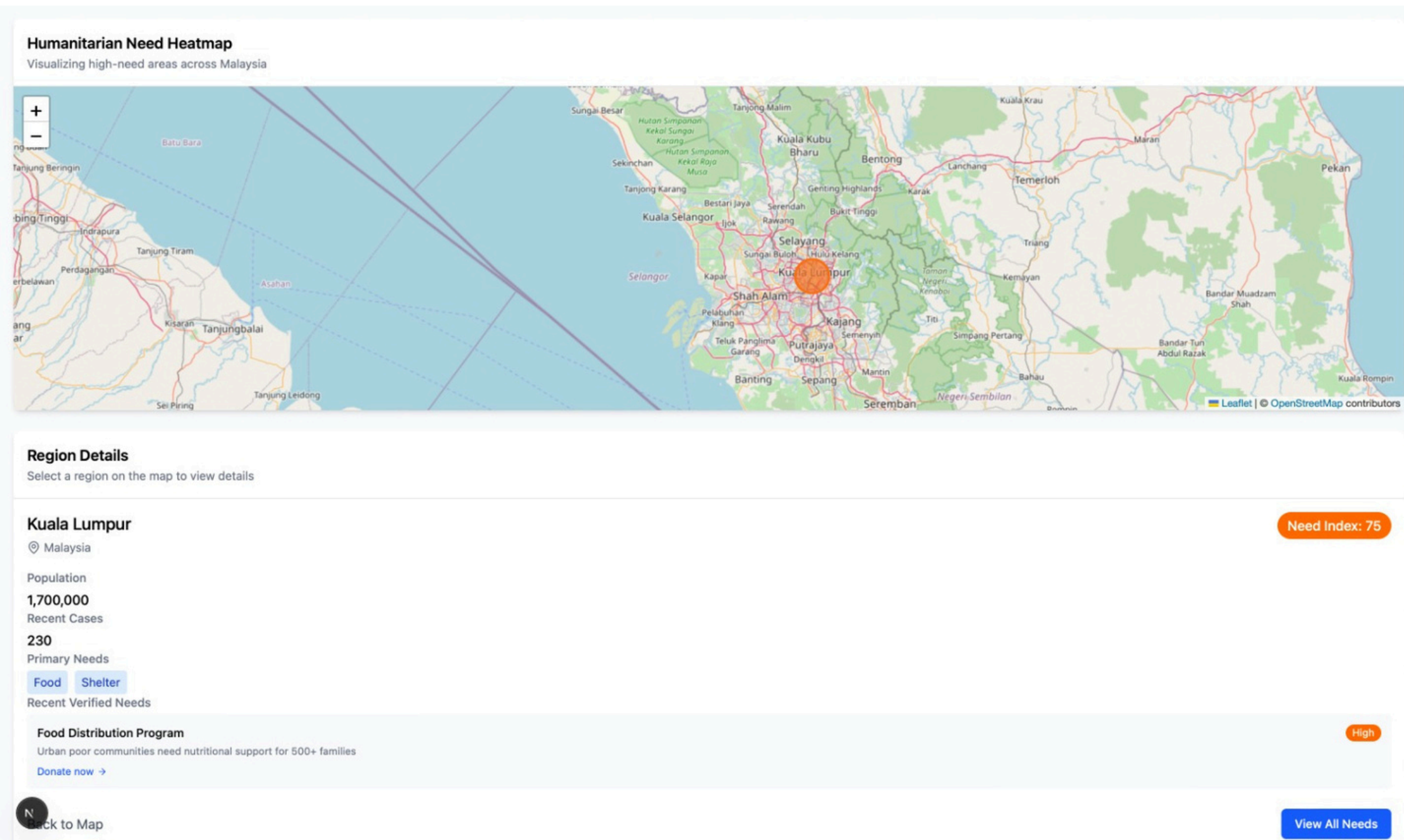


Visualizes crisis areas using intuitive color codes (red = critical, orange = high, yellow = medium)

Map auto-refreshes with new data every hour/day

Zoom into districts for granular insight

SMART “NEED INDEX” ALGORITHM



- Composite score is based on:
 - Population density
 - Reported incidents (floods, displacement, etc.)
 - Local economic hardship
 - Social media distress signals
- Prioritizes underreported or underserved regions

FILTERABLE DASHBOARD

ReliefResource

Filters:

All Causes

All Urgency Levels

Past Week

Verified Humanitarian Needs

Displaying all validated needs across Malaysia

Flood Relief in Kelantan

Critical

✓Verified

Kelantan

9 Apr 2025, 02:30 PM

Flash floods have displaced 230 families. Temporary shelter and food supplies needed.

Submitted by: Malaysian Red Crescent

View Details

Donate

Education Support for Rural Areas

High

✓Verified

Sabah

8 Apr 2025, 09:15 AM

Remote learning resources required for 45 villages with limited internet connectivity

Submitted by: Education For All Malaysia

View Details

Donate

Medical Supplies Shortage

Medium

✓Verified

Penang

7 Apr 2025, 11:45 AM

Community clinics need basic medical supplies and medication for chronic disease patients

Submitted by: Doctors Without Borders Malaysia

View Details

Donate

Food Distribution Program

High

✓Verified

Kuala Lumpur

9 Apr 2025, 04:20 PM

Urban poor communities need nutritional support for 500+ families

Submitted by: Food Aid Foundation

View Details

Donate

Clean Water Crisis

Critical

✓Verified

filterable by causes such as food, shelter, education, healthcare, water & sanitation

can display only the most urgent requests, enabling immediate response.

Can be filtered over past 7/30 days

dashboard could trigger alerts (e.g., pop-ups, notifications) when new high-urgency requests are posted in a user's area of interest.

VIEW DETAILS

Flood Relief in Kelantan

Critical

Kelantan

9 Apr 2025, 02:30 PM

Verified

Organization Details

Name: Malaysian Red Crescent

Contact: Dr. Ahmad Razak

Email: emergency@redcrescent.my

Phone: +60 12-345-6789

Resource Requirements

Funding Required: RM 250,000

Funding Received: RM 65,000

Volunteers Needed: 50

Volunteers Registered: 22

Location Information

Region: Kelantan

Coordinates: 6.1254, 102.2386

Map view would appear here

Detailed Description

Flash floods have displaced 230 families in the northeastern region of Kelantan. Heavy rainfall over the past 72 hours has caused rivers to overflow, affecting 12 villages in the Kota Bharu and Pasir Mas districts. Temporary shelter facilities are at capacity, and many families are currently housed in school buildings that need to resume classes soon. Immediate needs include portable shelter units, bedding, clean water, and food supplies.

Updates

2025-04-09

Initial assessment completed. 230 families identified in need of immediate assistance.

2025-04-10

First shipment of emergency supplies delivered to Kota Bharu relief center.

Responding Organizations

01

What This Shows:

The platform can surface real-time, high-priority crises. For example, the flash floods in Kelantan.

The heatmap would immediately highlight Kelantan in red, signaling NGOs and donors to zoom in for urgent insights.

02

Provides Extra Insights for Users

It gives contextual data: the contact person, funding gaps, and volunteer shortages.

This gives both NGOs and the public the full picture, empowering smarter decisions and more impactful action.

02

How it helps NGO's

Organizations like Malaysian Red Crescent can post needs directly through the platform.

Volunteers and donors get a clear snapshot of what's missing—funds, people, or supplies—and can act instantly.

Avoids duplicated aid by showing what's already been delivered (e.g., first aid shipment on Apr 10)

SEAMLESS & TRANSPARENT DONATIONS

01 Flexible Donation Options

02 Shariah Certified: Ensures compliance with Islamic principles, enhancing inclusivity and trust among Muslim donors.

03 Optional Preferences: Donors can opt for monthly recurring contributions and anonymous donations.

04 No Processing Fee: Full donation amount is directed to the cause, with waived transaction charges.

05 Provides Extra Insights for Users: Users receive clear breakdowns of donation totals, enhancing transparency and trust in the system.

06 Transparent Tracking: All transactions are traceable via unique IDs, ensuring donation visibility.

Donate to Flood Relief in Kelantan

Donation Amount (MYR)

✓ Shariah Certified

RM 50

RM 100

RM 250

RM 500

Enter custom amount

Payment Method

E-Wallet

Touch n Go, Boost, GrabPay

Islamic Bank

Bank Islam, Maybank Islamic

DuitNow

Transfer via DuitNow

Zakat Portal

Official Zakat channels

☐ Make this a monthly donation

☐ Donate anonymously

⚠

Your donation is tax-deductible and will receive a receipt.

Donation amount:

RM 0

Processing fee:

RM 0 (Waived)

Total:

RM 0

Complete Donation →

By donating, you agree to our Terms of Service and Privacy Policy.

All donations will be tracked transparently with unique IDs.



Donation Tracking

Transaction ID

66

Donation Amount

RM 250

Status

Confirmed

Donated To

Flood Relief in Kelantan

Managed by Malaysian Red Crescent

Donation Date

11 Apr 2025, 11:26 AM

Fund Utilization

Emergency supplies distribution

10 Apr 2025, 10:30 AM

Completed

Amount

RM 175

Beneficiaries

120 people

Clean water provision

12 Apr 2025, 09:15 AM

Pending

Amount

RM 75

Beneficiaries

80 people

Impact Summary

✓ Your donation has helped 200 people in need.

✓ 70% of your donation has been utilized so far.

Download Receipt

Share Impact

DONATION TRACKING

- 01

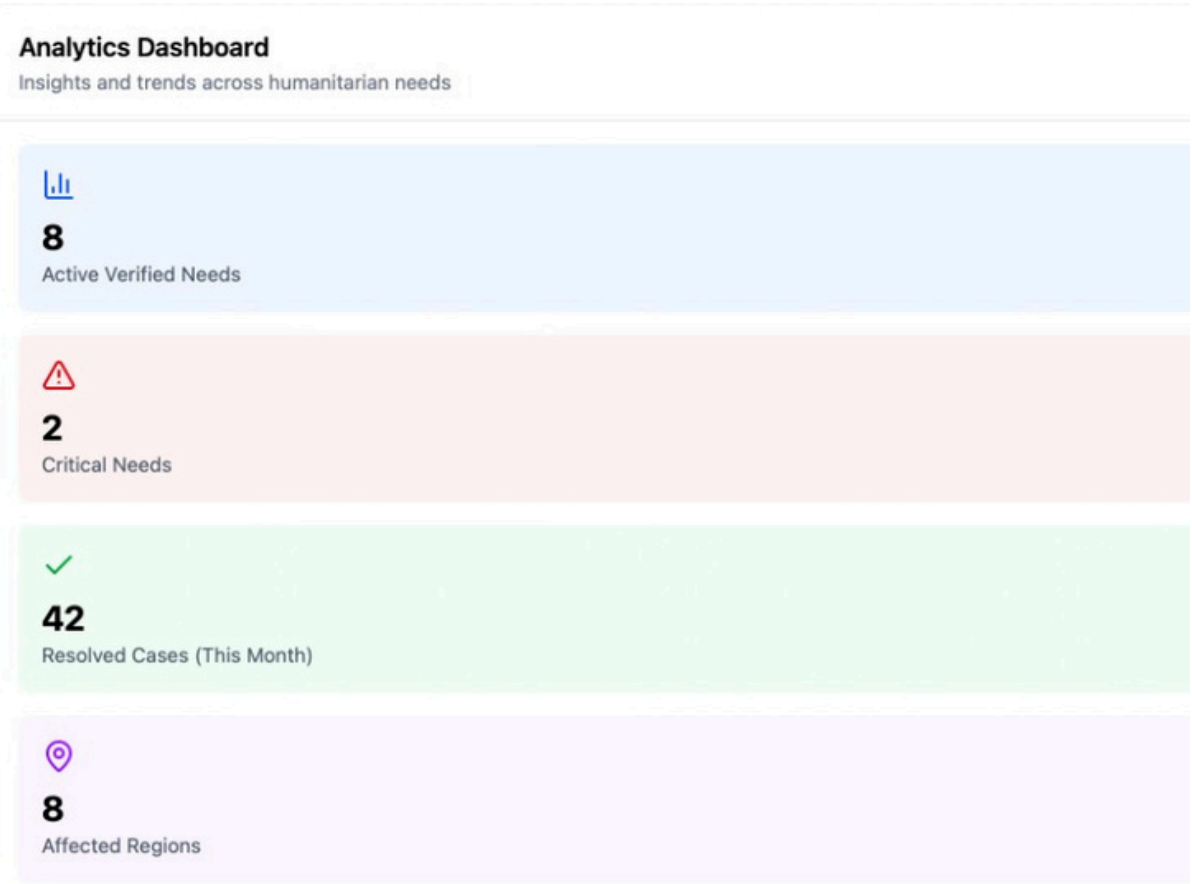
Transaction ID Lookup: Users can enter their transaction ID to track donations.
- 02

Donation Details: Displays information on what items or causes the user donated to.
- 03

Fund Utilization:
Shows how the donated amount was allocated and used on the ground.



ANALYTICS



Summary Dashboard View

- **Active Verified Needs:**

Displays the total number of ongoing verified cases.

- **Critical Needs:**

Highlights urgent cases requiring immediate attention.

- **Resolved Cases (This Month):**

Indicates the number of successfully addressed needs this month.

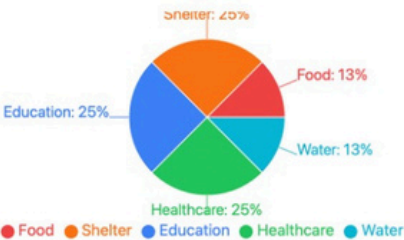
- **Affected Regions:**

Shows how many regions are currently impacted.

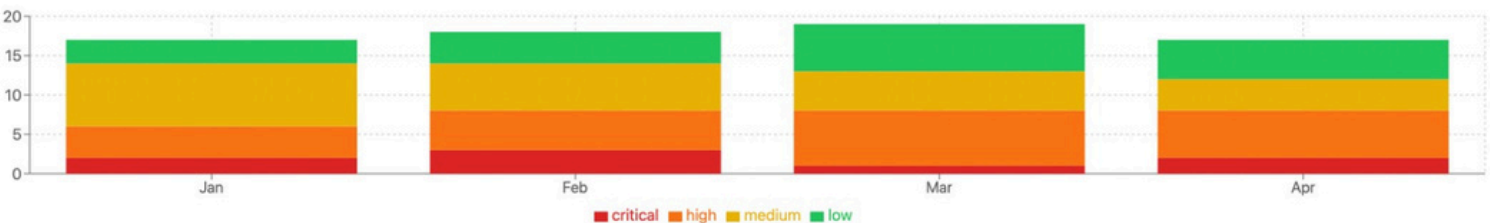


Humanitarian Need heatmap

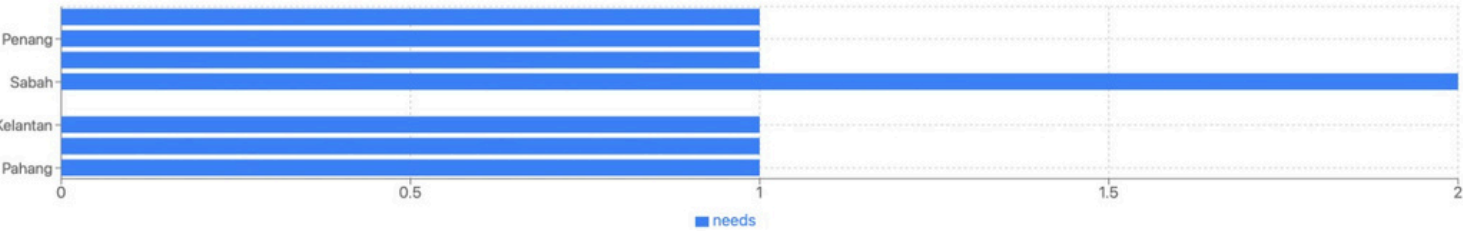
Need Categories Distribution



Urgency Level Trends



Needs by Region



Analytics Section

- **Need Categories Distribution:**

A pie chart showing the proportion of needs across Healthcare, Shelter, Education, Food, and Water.

- **Urgency Level Trends:**

A bar chart tracking monthly changes in need urgency (Critical, High, Medium, Low).

- **Needs by Region:**

A horizontal bar chart showing the number of reported needs in each region.

IMPACT

Humanitarian Need heatmap

Charitable Organisations

- **Ease of access**

Ability to view the needs and issues of any location at any given location any time

- **More info**

Allows organization to look around them and hopefully host more events

- **Hub for Donations**

Gives trust to organizations by providing a secure and speedy transaction

- **More Governmental Aid**

Hopefully leads to the government giving states or cities more money after gaining a deeper understanding of the severity



Everyday people

- **Donation Tracker**

A Gives donators a sense of accomplishment and fulfillment as they their donation can be tracked and their money can be seen going to a good cause

- **Awareness**

Spreads awareness about the lesser known location to the general public

- **Any Method**

We accept a variety of methods for users to donate in turn giving ease of use and more opportunities to donate





THANK YOU
