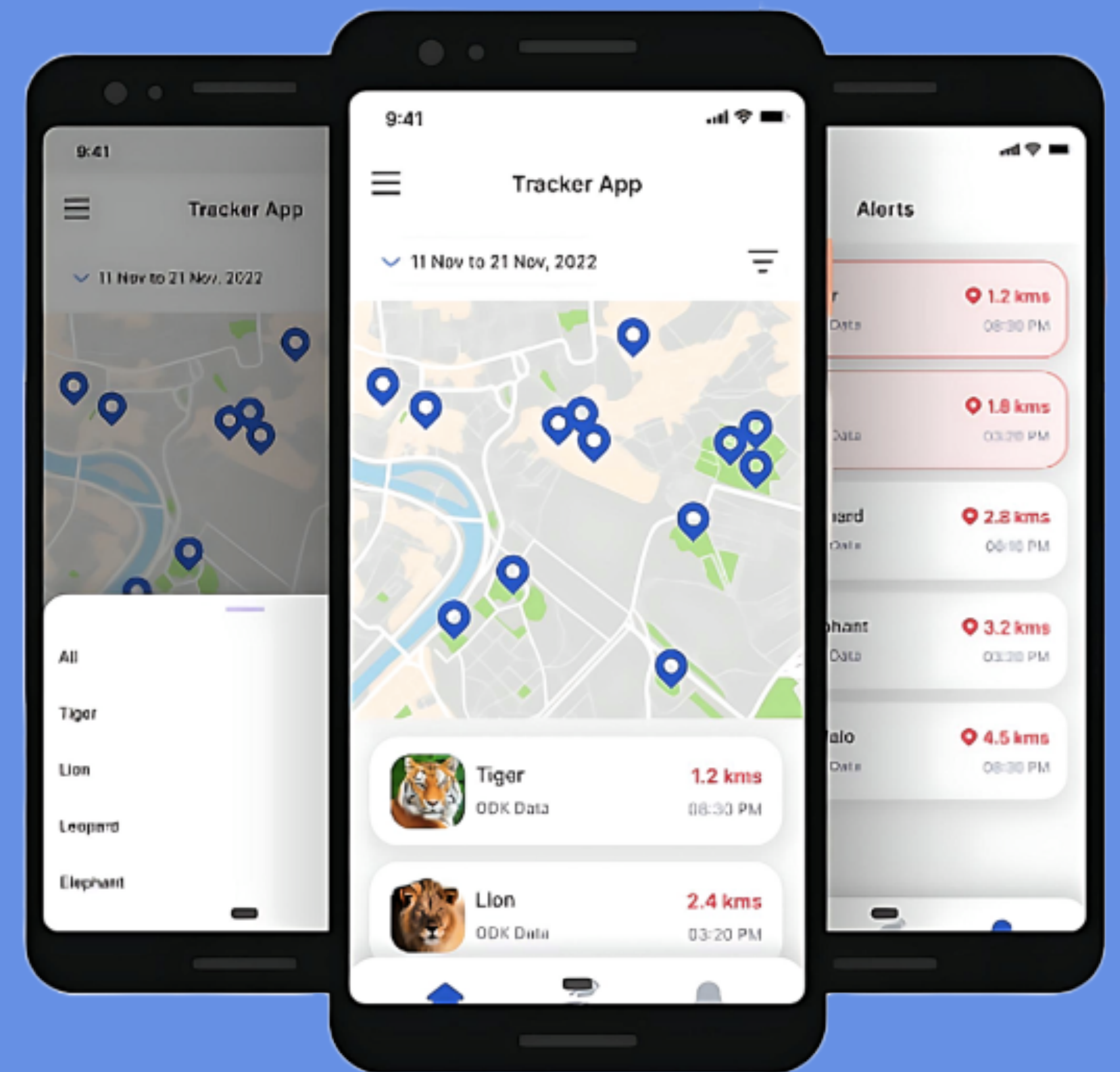


Mobile app and web based portal for wild animal tracking. Preventing animal & human conflict by automated call, sms, notification & WhatsApp alert.



Wildlife Animal Tracker and Alert System

INTRODUCTION

Kalpvaig, a registered trademark of Parardham Information Technology LLP was founded in 2017.

At Kalpvaig, we specialize in developing custom software, mobile apps, and web portals that are tailored to meet the unique needs of our clients.

We are proud to follow the CMM Level 2 standard, which includes documenting all codes and test cases for each project.

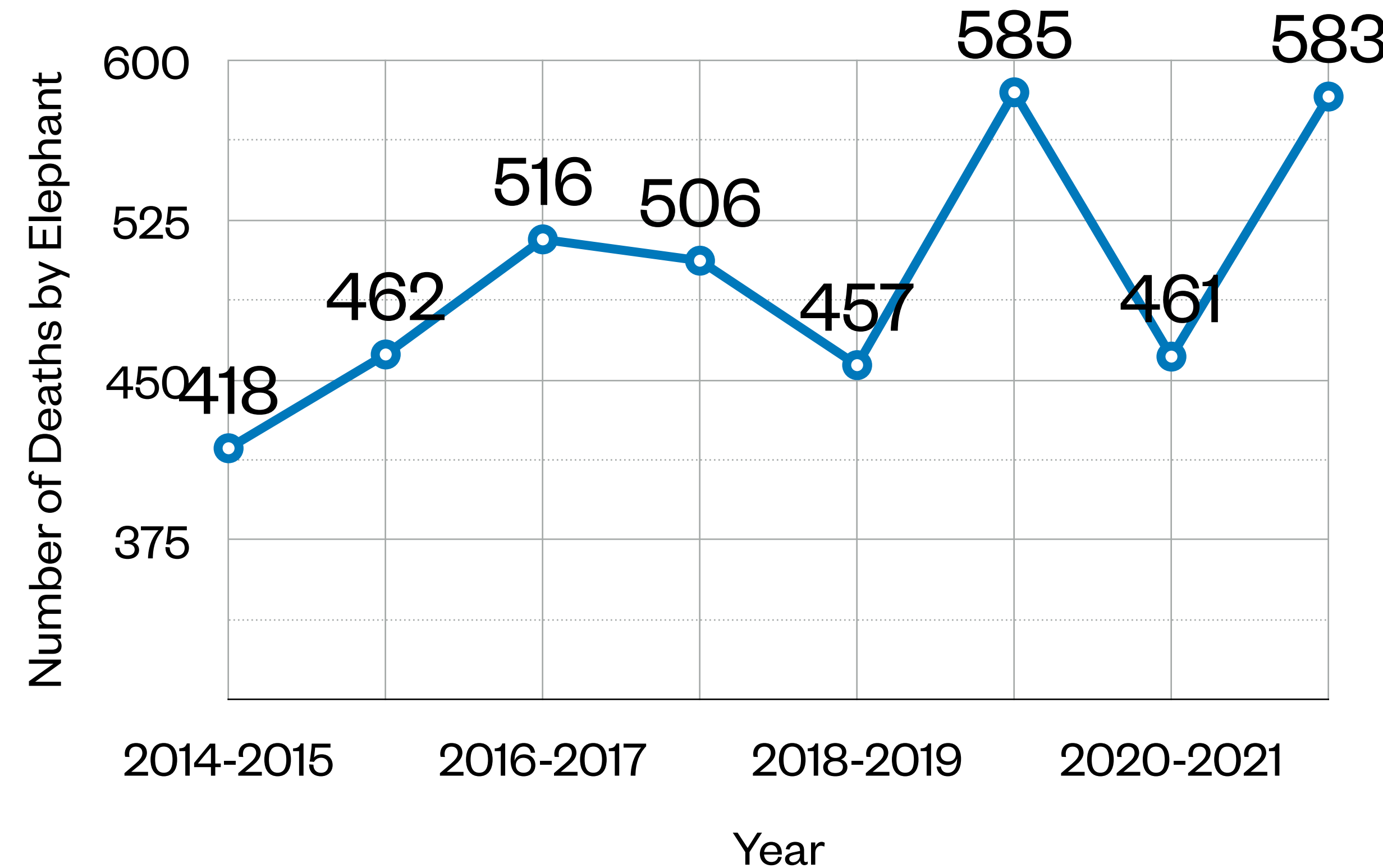
We also have a dedicated learning team that is passionate about promoting open-source technologies and growing the community.



PROBLEM (WHY ANIMAL TRACKER AND ALERT APP)

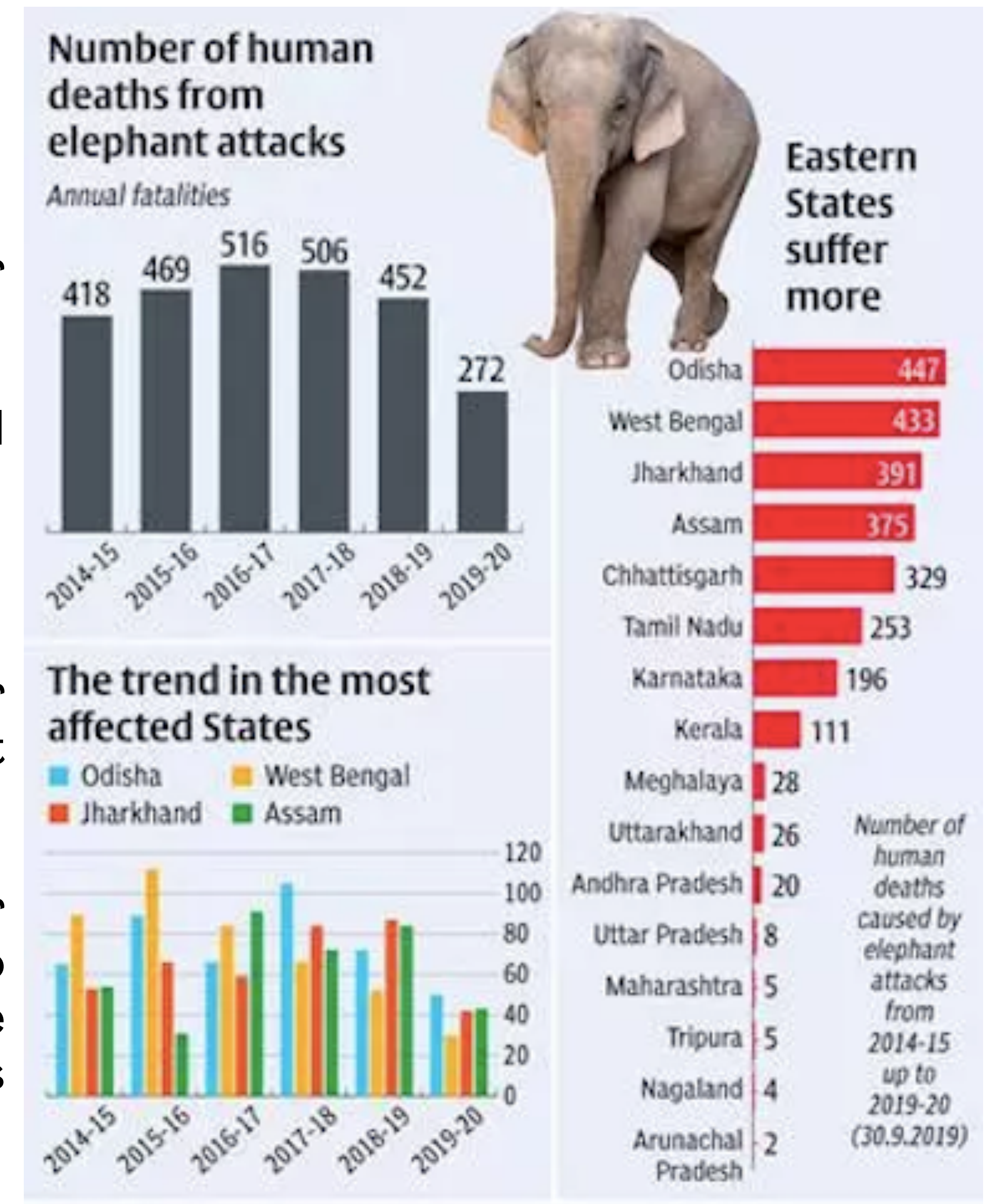
According to the RTI response, a copy of which is with indianexpress.com, from year 2014-2022, Odisha recorded **719 human** deaths, which is the highest among all states, owing to elephant attacks during this period. In West Bengal, **643** people died due to wild elephant attacks. The other states which recorded a high number of human casualties were Jharkhand (**640**), Assam (**561**), Chhattisgarh (**477**), Tamil Nadu (**371**) and Karnataka (**252**).

Additionally, forest fires are a common problem in the region. According to the the Forest Survey of India website, there are **337 large active forest fires in the country as of March 14**.

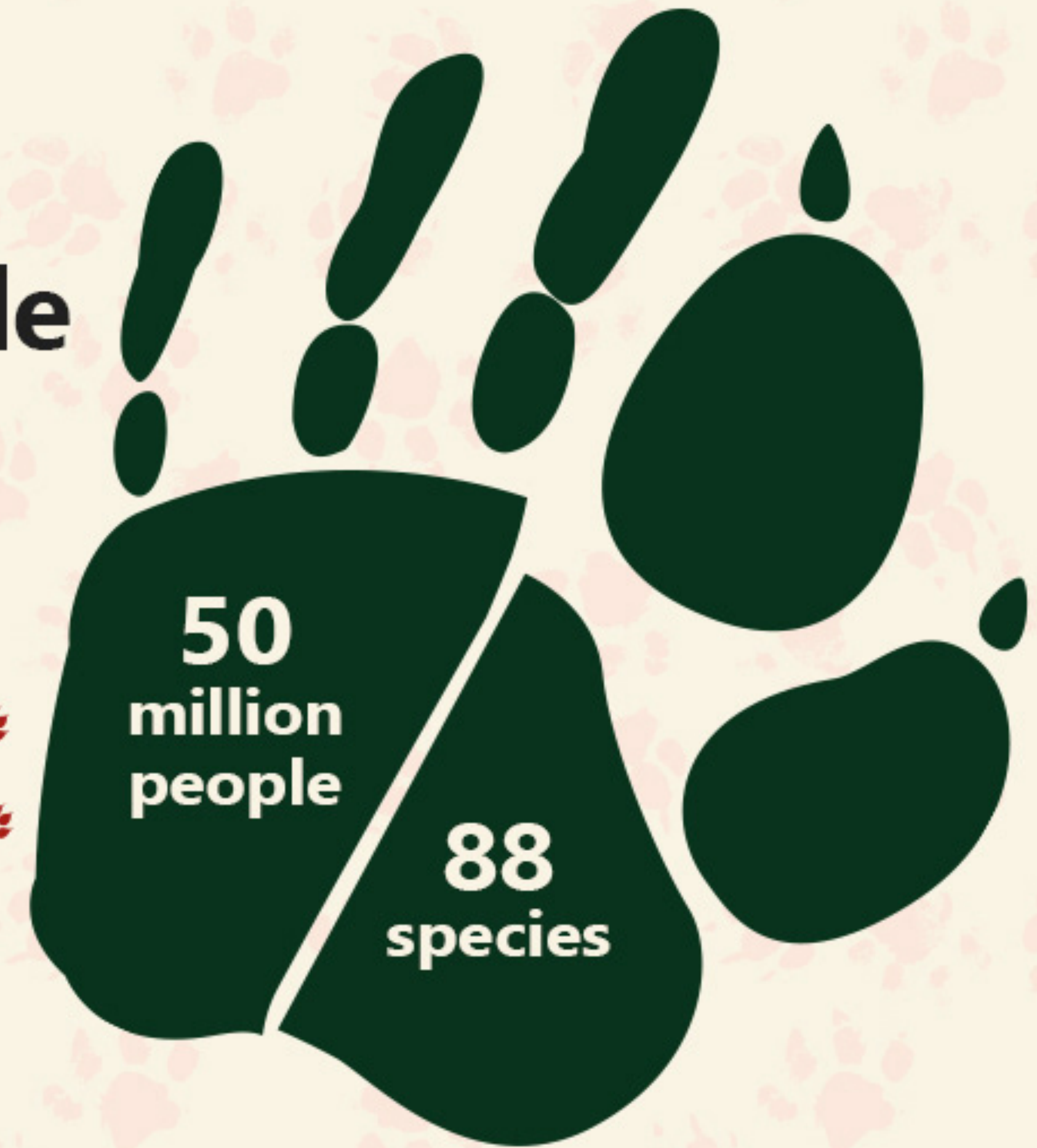


OTHER ISSUES

- No monitoring and tracking of wildlife populations, their movement patterns, and habitat use.
- No easy and fast way to report issues related to Illegal poaching and logging.
- No easy way of disease outbreak tracking.
- It is not possible to effectively communicate warnings or any other form of communication within areas of conflict between humans and animals.
- There is currently no straightforward method for searching and sorting large amounts of data related to forest animals or forest-related issues. Additionally, there is no centralized platform available to officials that allows them to access and review all relevant data of their regions.



Nearly
90% of Protected Areas,
88 species, and **50 million people**
are affected by
human-wildlife conflicts in India.



#WWD2020: Sustaining All Life on Earth

GOV EXPENSES

KERALA:-

In 2021-22, Rs 13 crore was spent to provide compensation for crop, property, cattle and human loss in the man-animal conflicts.

UTTARAKHAND:-

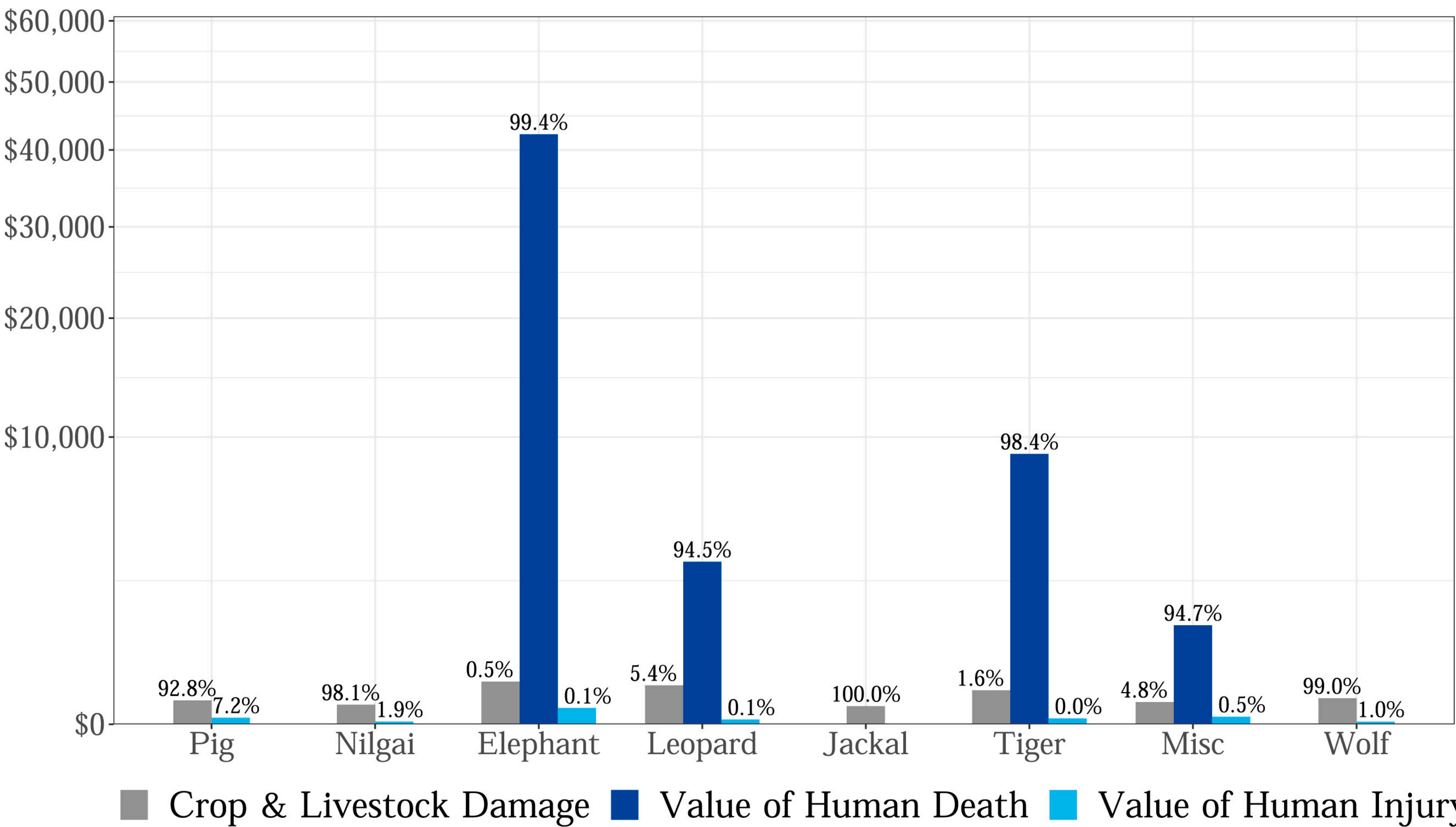
A corpus fund of Rs 2 crore will be created for giving compensation to the victims of man-animal conflicts, the government said.

- Dec 2022

MAHARASTRA:-

Man-animal conflict costs Rs 450 cr over past 10 years. April 2023

More than 1000 cr has been spent on man-animal conflict in India over past 10 years.



SOLUTION

Animal Track & Alert App

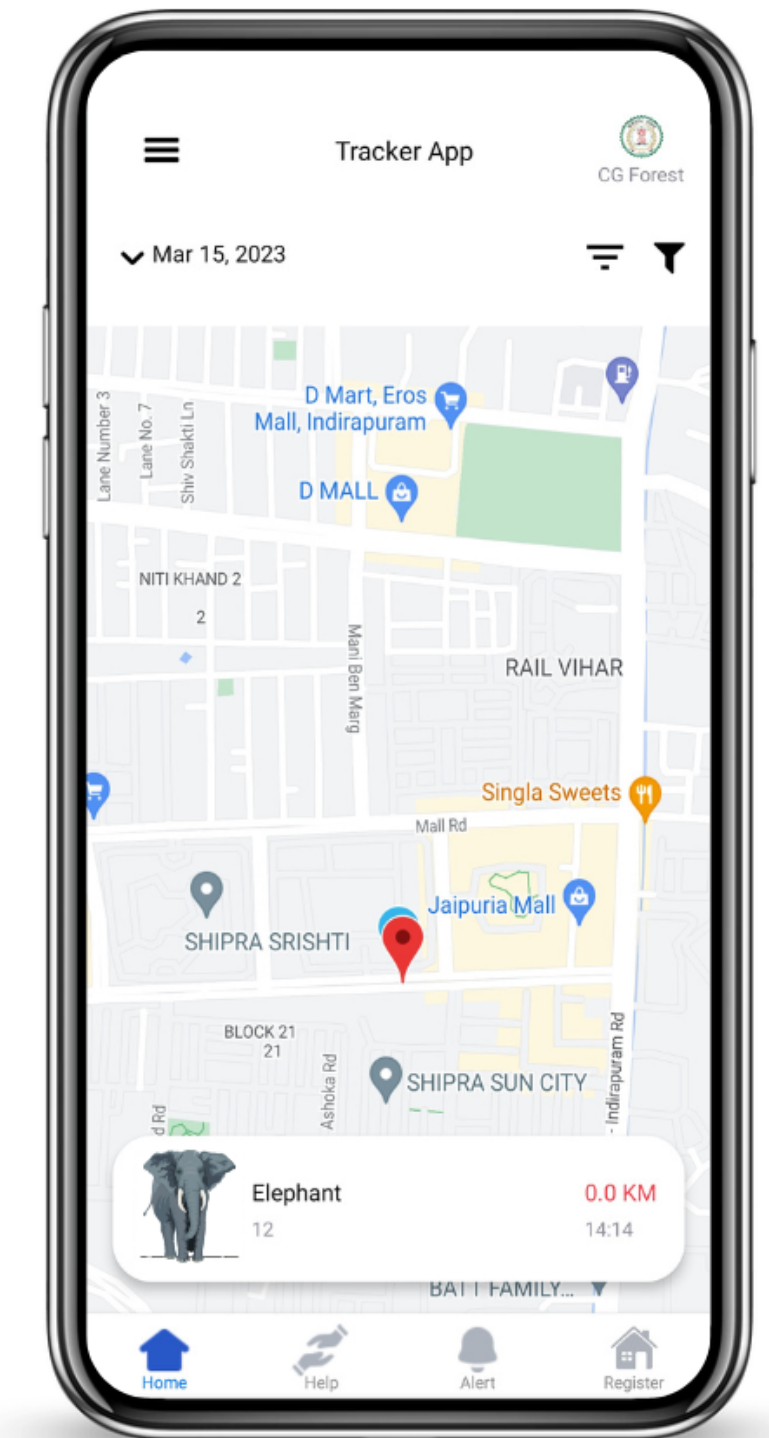
- Kalpvaig is proud to present our latest innovation in wildlife safety technology: the Animal Tracker App. Our app is specifically designed to help forest rangers and officials track the movements of wild animals in the Chattisgarh forest area, and automatically alert nearby residents of their whereabouts. The app also has a feature to notify users about nearby " FOREST FIRE " ensuring they can take necessary precautions.



ANIMAL TRACKER

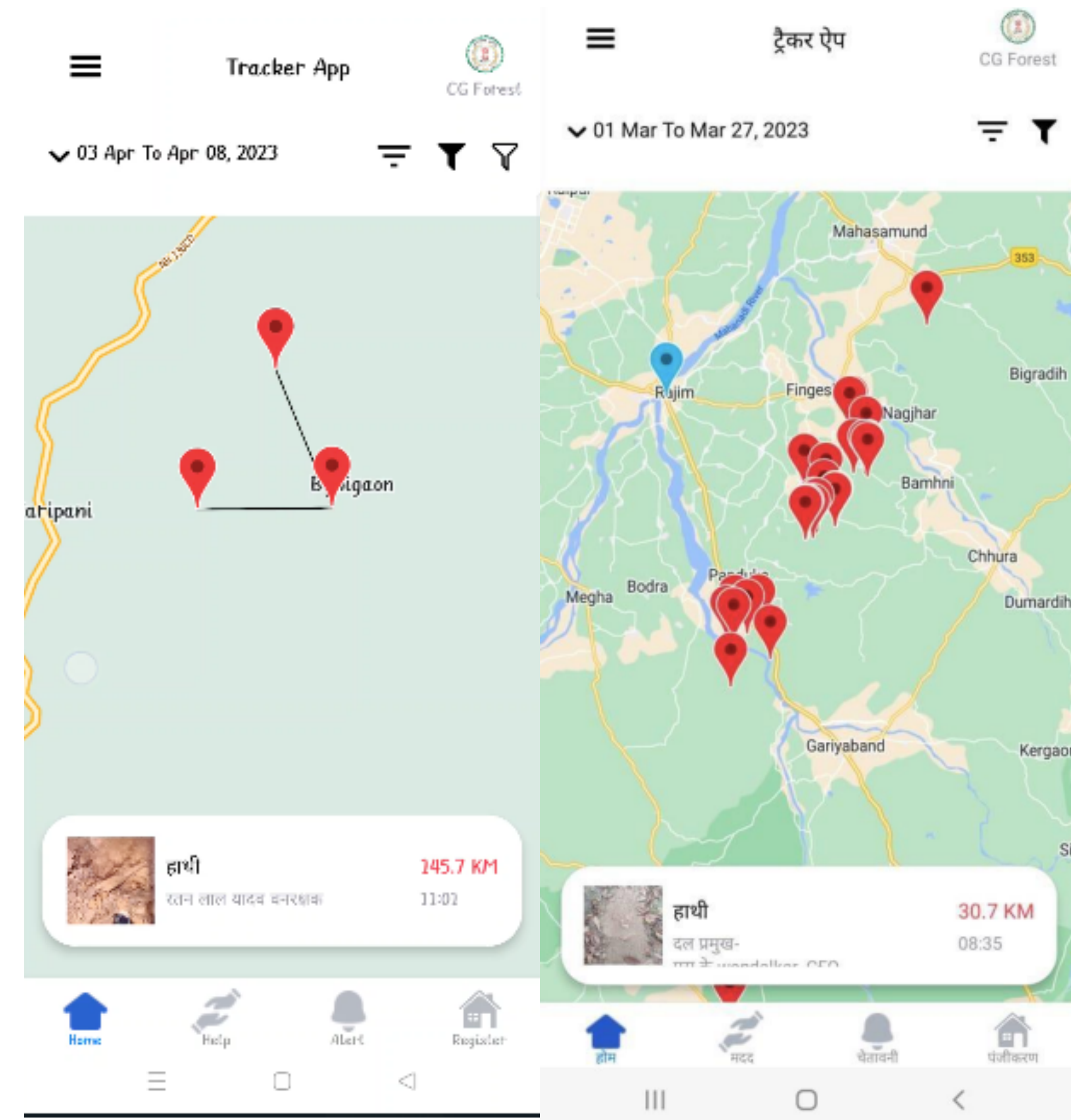
Realtime Wild Animal Tracker

Realtime Call, SMS and WhatsApp warning About Wild Animal Whereabouts in Your Area



FEATURES

- Real-Time Animal Tracking
- Historical Animal Location Tracking
- 24*7 Alert/Warning
- Incident Reporting
- Multilingual Support
- User Addition & Management
- Forest Fire alert to officials and quick action team



ग्रामीणों को जोड़ें

CG Forest

नाम

मोबाइल नंबर

ज़िला

तहसील

ब्लॉक कोड

पंचायत कोड

ग्राम कोड

अगला

होम

मदद

चेतावनी

पंजीकरण

ग्रामीणों को जोड़ें

CG Forest

Search Village Instead

20.6308643

82.0630158

कैमरा

गैलरी

जमा करे

Back

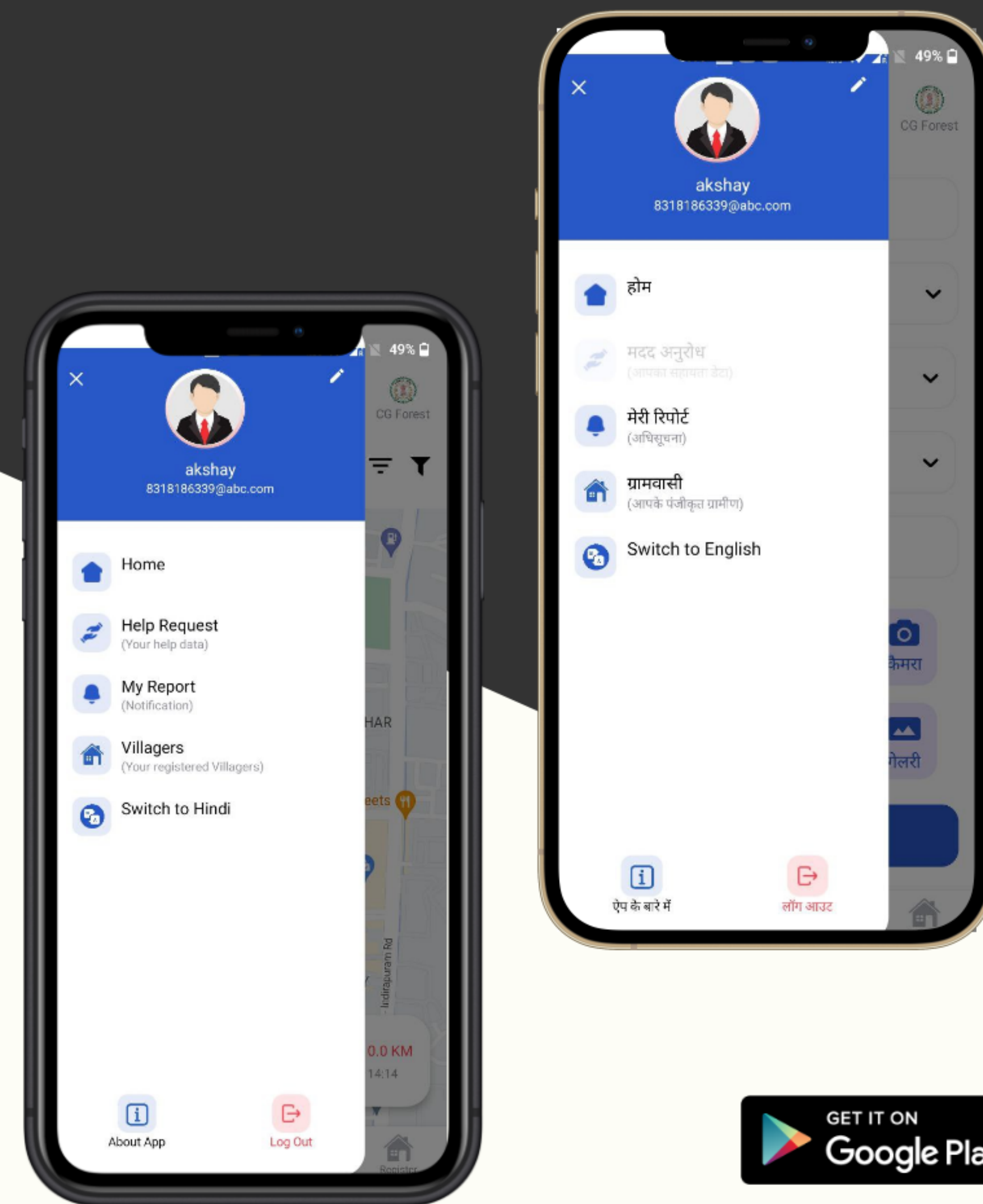
होम

मदद

चेतावनी

पंजीकरण

Multilingual App



Villager Registration for sms, call & WhatsApp alert

Lot of Lives can be saved

By working together and utilizing our app, we have the power to significantly reduce the conflict between humans and animals.

With our combined efforts, we can save the lives of hundreds of people and animals.

Additionally, we can protect our planet by ensuring the safety of our forests, safeguarding them from the dangers of loggers, poachers, and natural causes like animal diseases or different soil issues.

Our actions today can have a profound impact on the future of our planet, and it all begins with coming together and taking action.

किसी भी प्रकार की
सहायता के लिए यह
क्लिक कर अपने प्रश्नों को
लिख कर सबमिट करें

The screenshot displays the CG Forest app interface. At the top, there is a hamburger menu icon, a 'Help' button, and the 'CG Forest' logo. The form consists of several input fields: 'Title', 'District' (with a dropdown arrow), 'Tehsil' (with a dropdown arrow), 'Block' (with a dropdown arrow), 'Panchayat' (with a dropdown arrow), and 'Village' (with a dropdown arrow). Below these is a 'Brief Description' text area. To the right of the description area are two buttons: 'Camera' (with a camera icon) and 'Image' (with a landscape icon). At the bottom of the form is a large blue 'Submit' button. Below the form is a navigation bar with four icons: 'Home' (house icon), 'Help' (handshake icon), 'Alert' (bell icon), and 'Register' (house icon with a plus sign). A black arrow points from the Hindi text box to the 'Help' icon in the navigation bar.

Dashboard/portal for Officers

CGTracker



Admin
Administrator



Dashboard

User management >

ODK Forms >

Sightings >

Settings >

Communications >

Villager Management >

Audit Management >

MapSatellite

हाथी1050 km

Submission Date: 2023-04-01 10:59:00

GoogleKeyboard shortcutsMap data ©2023Terms of UseReport a map error

Categories

All Datas

Start Date*

End Date*

01/04/2023

19/04/2023

Range (in km)*

Other 1*

1500

Select Dal

Filter Data



हाथी

1050 km

रंजीत कुमार यादव

01-04-2023
04:21

Show More



हाथी

1050 km

रंजीत कुमार यादव दै०वे०भो०

01-04-2023
10:51

Show More



हाथी

1049 km

रतन लाल यादव वनरक्षक

03-04-2023
05:31

Show More



हाथी

994 km

दल प्रमुख - राजेश वर्मा cfo

03-04-2023
07:36

Show More



हाथी

993 km

दल प्रमुख - राजेश वर्मा cfo

03-04-2023
07:42

Show More



हाथी

1049 km

श्री महेन्द्र सिंह चौहान स.प.अ.दल प्रमुख
रिसगांव र...

03-04-2023
11:35

Show More



हाथी

1051 km



हाथी

956 km



हाथी

1050 km



FUTURE UPDATES

ARTIFICIAL INTELLIGENCE AND IOT INTEGRATION INTO OUR APP

Our company is proud to announce that we are taking steps to integrate our application and software with artificial intelligence in order to predict the movements and situations of wild animals. By doing so, we hope to enable officials to take necessary action in a timely manner, thereby reducing the risk of harm to both animals and humans.

One of the key benefits of this integration is that it allows us to identify any serious diseases that may have spread among animal populations. By providing this information to officials, we can help prevent the further spread of disease and potentially save countless lives.

- Our company is developing a IOT based siren that will be installed on a village level to help mitigate the risk of wild animal encounters.
 - The siren will be designed to automatically trigger if any wild animals are detected in the vicinity, providing an early warning system for nearby residents. Our goal is to create a product that not only reduces the risk of harm to humans, but also helps to protect wild animals by promoting safe coexistence.
 - By providing this valuable technology to rural areas, we hope to create a safer and more sustainable environment for both humans and wildlife.
-

CONCLUSION

Kalpvaig app provides real-time information about wild animal movements, enabling people to avoid dangerous encounters. The forest fire notification call and SMS will further help people to take necessary precautions during a forest fire outbreak. Quick response team can handle the forest fire at earliest and can save animal, forest and people.

Our app is a significant step towards ensuring the safety of people and animal living in forest areas and reducing human-wildlife conflicts. The app is an innovative solution that leverages technology to provide critical information to people in real-time.

We believe that our efforts in this area will not only have a positive impact on wildlife and the environment, but will also benefit society as a whole. Thank you for considering our solution, and we look forward to the opportunity to work with you.

Call/WhatsApp :- +91-8318186339

Email:- akshay@kalpvaig.com

Website:- [Https://www.kalpvaig.com](https://www.kalpvaig.com)

