

Kobo Toolbox & Metabase + Earth Focus

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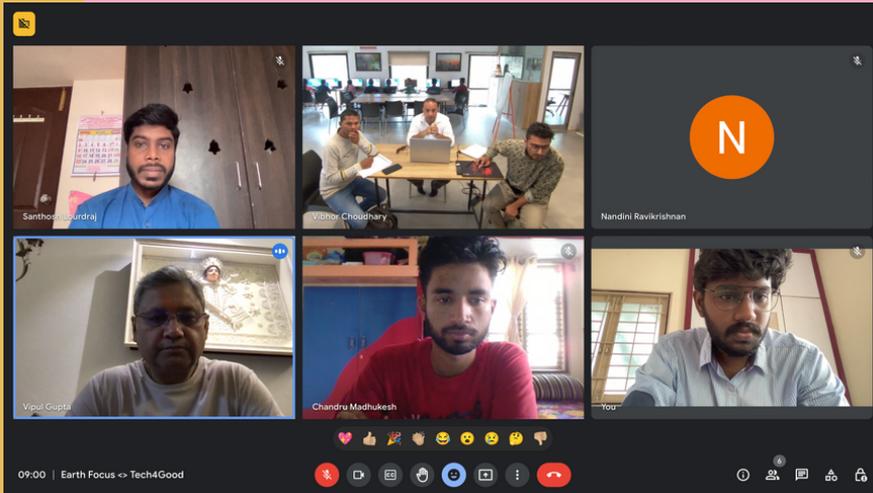
Tech4Good Community

Earth Focus is a non profit organisation dedicated to promoting environmental awareness and sustainability. With a mission to foster a global movement for a greener and healthier planet, Earth Focus envisions a future where human activities coexist harmoniously with nature. The organisation's primary goal is to educate and engage individuals, communities, and policymakers on critical environmental issues. Through an array of initiatives, Earth Focus endeavours to raise awareness about climate change, biodiversity loss, pollution, and resource depletion. They are located in the Kanha district of Madhya Pradesh.

To achieve its objectives, Earth Focus employs a multi-faceted approach. They conduct extensive research and analysis to provide accurate and up-to-date information on environmental challenges. This information is disseminated through various platforms, including documentaries, articles, and educational resources, aiming to reach a wide audience and inspire informed action. Earth Focus also collaborates with local communities, NGOs, and governmental bodies to implement practical solutions, such as conservation programs, renewable energy initiatives, and sustainable development projects. By fostering partnerships, advocating for policy changes, and empowering individuals with knowledge, Earth Focus strives to create a global network of environmentally conscious individuals who actively contribute to the protection and preservation of our planet.

EARTH FOCUS

EXISTING SYSTEMS



Earth Focus currently uses the Shikra app to track farmers and the crops they plant. They find the mobile interface to be of very low quality and the response time in mobile is low.

Since they sometimes work in low coverage zones, they are unable to use this app as it requires an internet connection to save any data. Hence this doesn't work in their field visits. The link used earlier to download the app sheet is not working - Need to add/delete users to do that.

Expecting to make it offline as they collect data from forests as well as farmland, where internet connectivity is sparse.



PROBLEM STATEMENT

The Earth Focus team shared with us a wish list of the kind of data they would like to be able to collect and visualise.

These include updating village details, farmer information, replacement of crops, tracing the number of bags distributed, costs, what was planted, the timeline of planting, market rates changes, identify which crop is affected seasonally, tracking farmer profits, uploading of photos of the crops, geotags of the sites they work in, addition of new field staff & volunteers to name a few.

Along with this they are looking to visualise and identify which plant requires treatment as an intimation from the data collected and overall reports on how the programme is being delivered on ground.

KOBO TOOLBOX & METABASE

The Tech4Good Community team has completed training them on Kobo Toolbox - on creating the form, the available templates with a step by step walk through on the basics of using it along with understanding how to deploy the forms onto the mobile app. We have helped them create the form based on skip logic (similar to skip code but automatic and have added type form responses where the interviewer can type answers.

Next step is to ensure we help them take this to the field and then introduce, customise & train them to use Metabase for data visualization.