

NREL OpenPATH App Guidance

Helpful links

[NREL Guide and FAQ for participants](#)

[NREL Bull E-Bike Pilot page](#)

[Press release about the use of this app](#)

Better than web surveys: Detailed comprehensive data

DETAILED
Auto-generated record of all trips

SIMPLE
How many days did you ride your eBike, past week?

$(E_{replaced} - E_{eBike}) * L_{trip} = E_{OTrip}$

The slide features a central diagram with a circular arrow labeled 'OpenPATH' connecting two data collection paths. The 'DETAILED' path includes boxes for 'Count', 'Distance', 'Start time', 'End time', and 'Trajectory'. The 'SIMPLE' path includes a 'Web forms' box and a 'Count' box. A small icon of a person is visible in the bottom left corner of the slide.

Downloading the app

1. Download the NREL OpenPATH app from the [Apple Store](#) or the [Google Play Store](#).
2. Scan the QR code or visit the link below to join this program.
3. Remember to give all the requested permissions, including ("always") background location access. If you have a Samsung or Huawei phone, turn off background restrictions.
4. Track your trips, label them when prompted, and check out your carbon footprint.

For additional information, see the [participant guidelines](#).

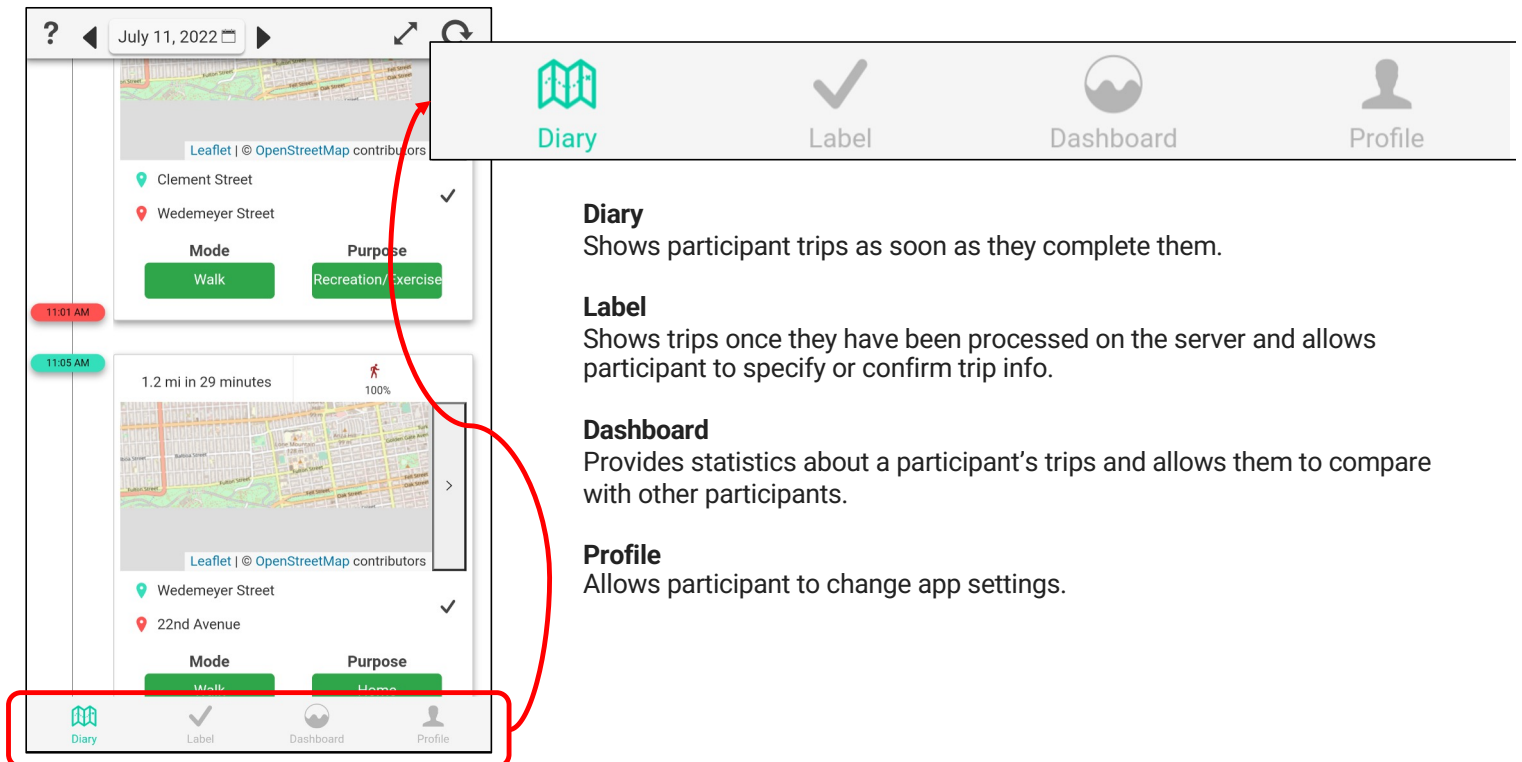
Join the Study

After you have installed the NREL OpenPATH app on your phone, join the study by scanning the QR code or visiting the link using your phone.



nrelopenpath://join_study/?label=durham&source=github

The City of Durham will provide you with a token to log in to the app. Please save this token in a safe place in case you reset your phone or change phones. If you lose your token, contact your program administrator at the City of Durham for assistance.



The screenshot shows the app's main interface. At the top, there's a date selector for July 11, 2022. Below that is a map showing a route from Clement Street to Wedemeyer Street. The trip details include a mode of 'Walk' and a purpose of 'Recreation/Exercise'. A second trip is shown below, starting at Wedemeyer Street and ending at 22nd Avenue, with a mode of 'Walk' and a purpose of 'Home'. The bottom navigation bar is highlighted with a red box and contains four icons: a book for 'Diary', a checkmark for 'Label', a dashboard for 'Dashboard', and a person for 'Profile'.

Diary
Shows participant trips as soon as they complete them.

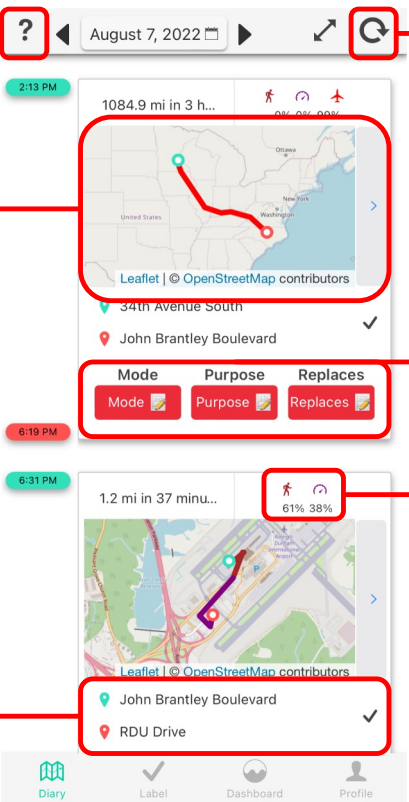
Label
Shows trips once they have been processed on the server and allows participant to specify or confirm trip info.

Dashboard
Provides statistics about a participant's trips and allows them to compare with other participants.

Profile
Allows participant to change app settings.

Diary tab

Provides screen walk through



Updates with latest data from the server

Shows map of single trip taken

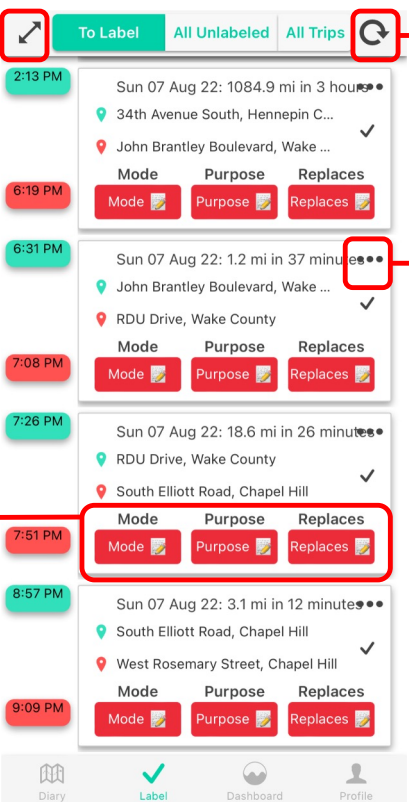
Allows participant to select correct trip information. We recommend correcting information in the "Label" tab instead as it's easier.

Shows estimated trip mode share based on previous activity. Will become better at guessing as more trips are labeled.

Shows trip start and stop locations

Label tab

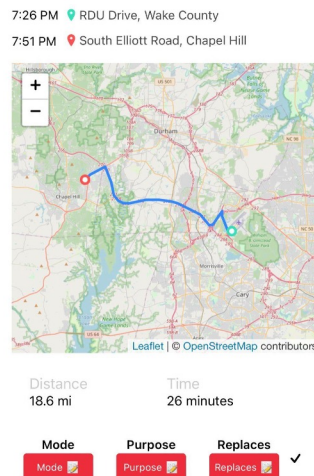
Returns to top of tab page



Updates with latest data from the server

Enables participant to view detailed information for a single trip. Can also select correct trip information on this page.

Shows a dropdown to select correct trip mode, purpose, and replacement mode. Buttons turn green once completed.



Dashboard tab

Allows sharing of trip data

Toggles between individual participant data and group program data

Updates with latest data from the server

Toggles between the two screens: summary and chart

Specifies date range

Shows statistics about emissions saved and calories burned

Toggles between data view options

Shows summary of distances traveled by mode used

Shows total trip breakdown for the time period selected

Profile tab

Shows participant token

Resets app. **Do not** select unless all other troubleshooting has not worked.

Shows privacy information about location data collected

Toggles trip tracking on and off. **Leave this on** at all times to allow the app to work correctly

Shows whether permissions settings are enabled correctly

Updates with latest data from the server

Allows participant to share app with a friend

Allows participant to update provided demographic information