Bicycle Probe

An EPS@ISEP project
with the help of
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GO AIR LIGHT

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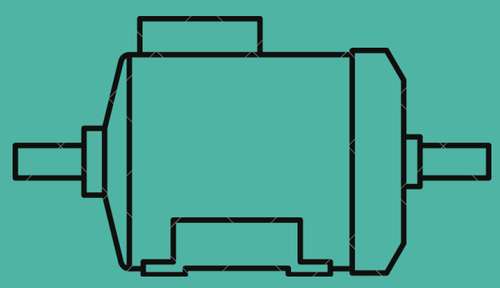
Air quality data collection

The air quality sensor retrieves data from the environment whilst the user cycles. It collects information about the air quality: eqCO_2 and tVOC are assessed. The sensor detects temperature and humidity too.

Dynamo powered



The device will be powered by the energy generation of only a dynamo that will charge the battery in the device. The mechanical energy comes from the movement of pedaling from the user.

Interactive app

The app is the link between the device and the cloud: it provides the user with real-time data. The data exchange between device and application is made by Bluetooth and between the application and cloud by WiFi or telephone data.

GOairLight bicycle probe

A COMMUNITY APPROACH DEVICE BASED ON AIR QUALITY DATA COLLECTION AND SHARING.