
CLOUDPI PRO HOTSPOT – ACTIVATE DEVICE ON HELIUM APPLICATION

Let us start with ClodPi's Pro Hotspot device setup:

PREREQUISITE:

User should be ready with these basic things:

- Uninterrupted power supply
- Uninterrupted internet connection
- An identified place where Line of Sight is clear, near to power mains.
- Avoid locations - like basements, closed rooms, inside cabinets, where strength of the signal can become weak.
- A compatible smart mobile phone (Android / iOS) with internet connection

CONTENT:

Pro Hotspot package includes following items:

- ClodPi's Pro Hotspot device (Indoor)
- SMA LoRa Antenna
- 12V 1.8A Power Adapter (*India specific plug head*)
- 1 QR Code (*Scan to access the Pro HotSpot set up process*)

Note: *The images shown are for depiction purposes – actual color may slightly vary.*



Pro Hotspot



Power Adapter



LoRa Antenna

SAFETY INSTRUCTIONS:

User should be careful when setting up the device as the device is meant to be used indoors:

- Make sure the antenna is connected to the device before switching ON the power supply.
- Avoid placing the Indoor device in a direct open environment (Sunlight / Rain), hot surface.

STEPS TO SET-UP THE DEVICE:

- 1) **Antenna:** First take the Antenna and screw into the SMA connector slot provided for the antenna. It should look like the picture.



- 2) **Location:** Place the device where it gets clear Line of Sight like your window where there is no obstruction to the network signal and no direct sunlight is reaching. Make sure the power main is not too far.
- 3) **Ethernet connection:** For wired ethernet connection, you need an ethernet cable to connect the router / switch and the Ethernet connector jack located at the back side of the Pro Hotspot device.

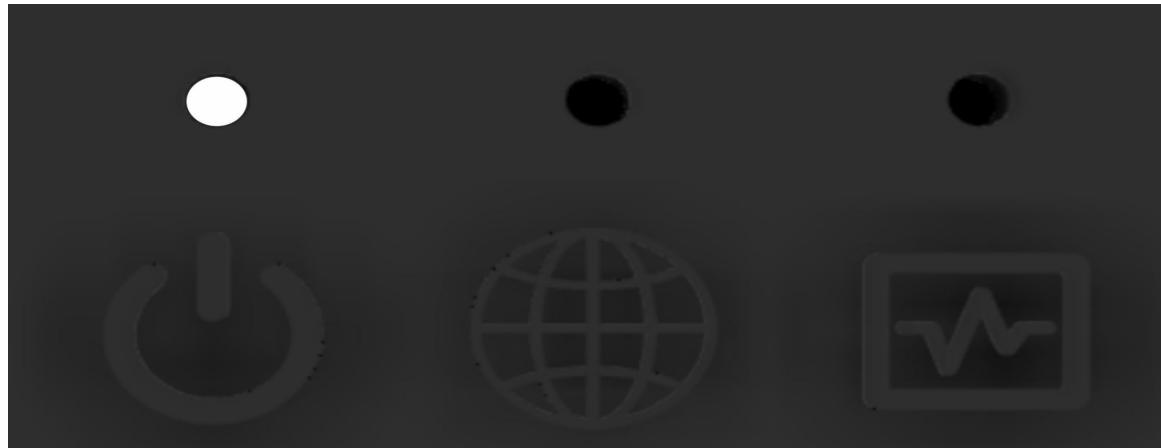


- 4) **Power:** Take the 12V power adapter and plug it into the mains
Connect the adapter's DC Jack into the power jack located at the back side of the Pro Hotspot device. Now, switch ON the power mains.

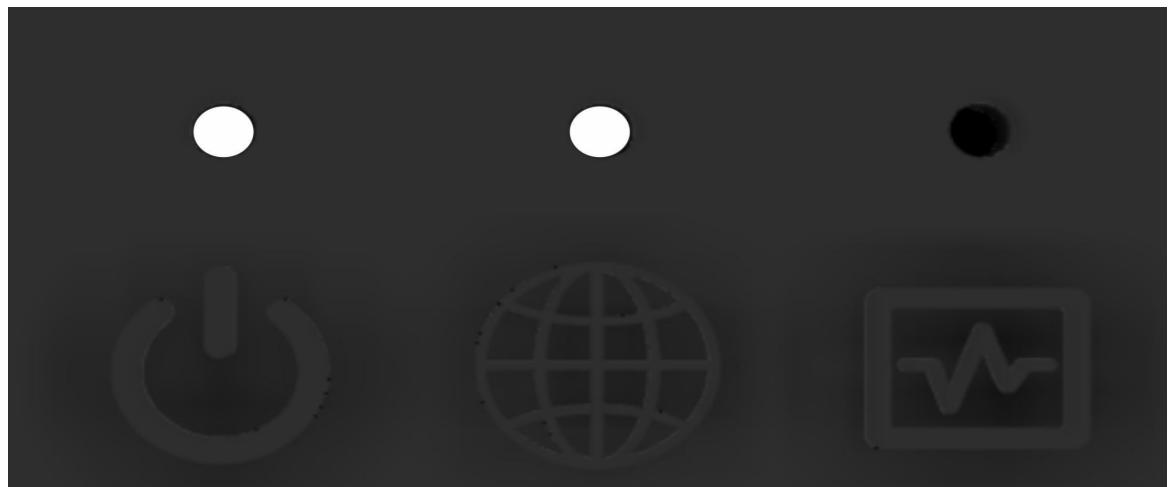
Note: **DO NOT** switch ON the mains unless Ethernet wire is connected to the device.



- 5) Power ON LED of the available three on top side of the device should lit immediately when Power is switched ON. This will start the first booting of the device.

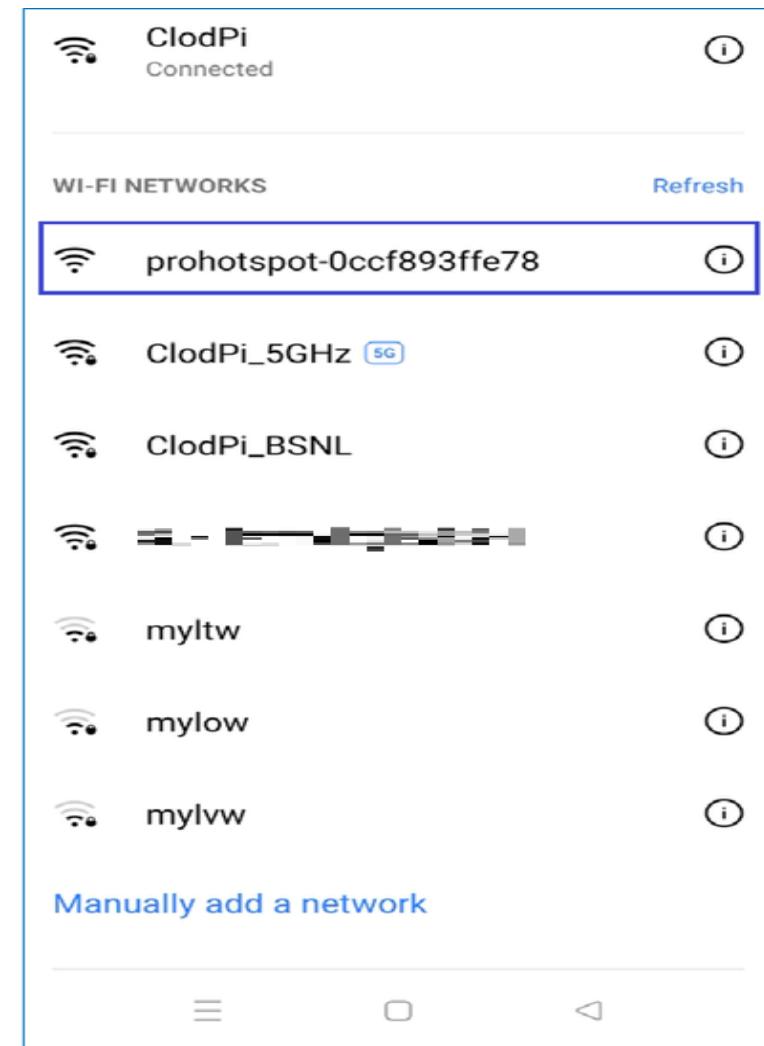


- 6) When the first boot process is complete, the Internet LED of the available three on top side of the device should also be lit. This may take 2 to 3 minutes. Once the internet LED is lit, you can check the ClodPi Pro Hotspot WiFi option is available in your smartphone > WiFi > Select “ClodPi ProHotspot” option.

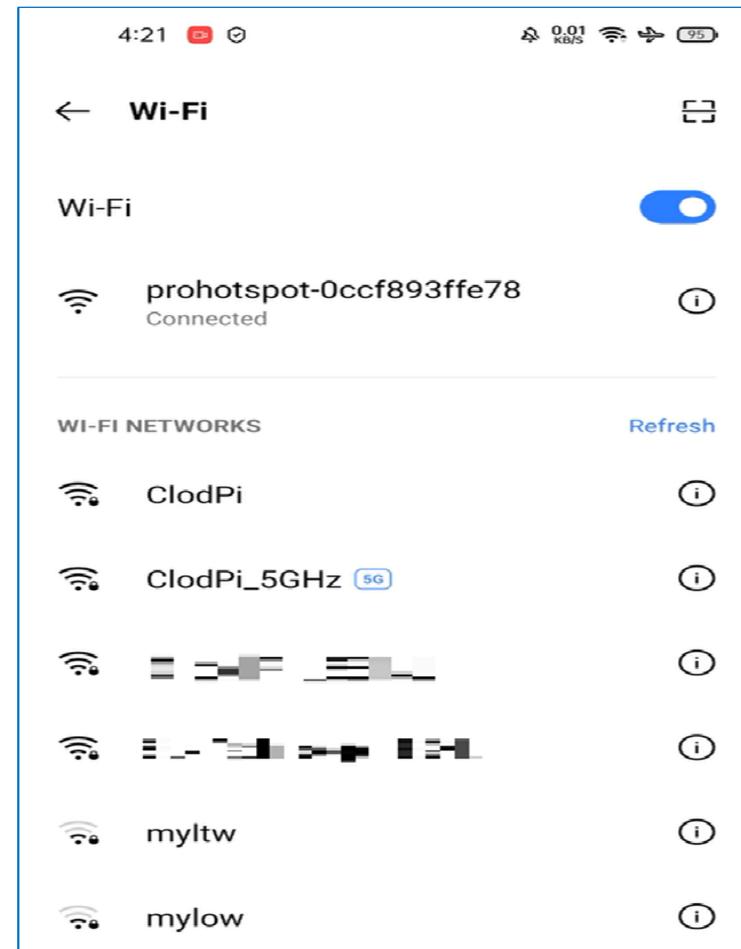


Follow the below steps to connect your phone with ClodPi's ProHotspot Wifi:

- 7) On your smartphone > Settings > Connections > Wi-Fi
- 8) Available Wi-Fi networks > Select: prohotspot-0ccxxxxx

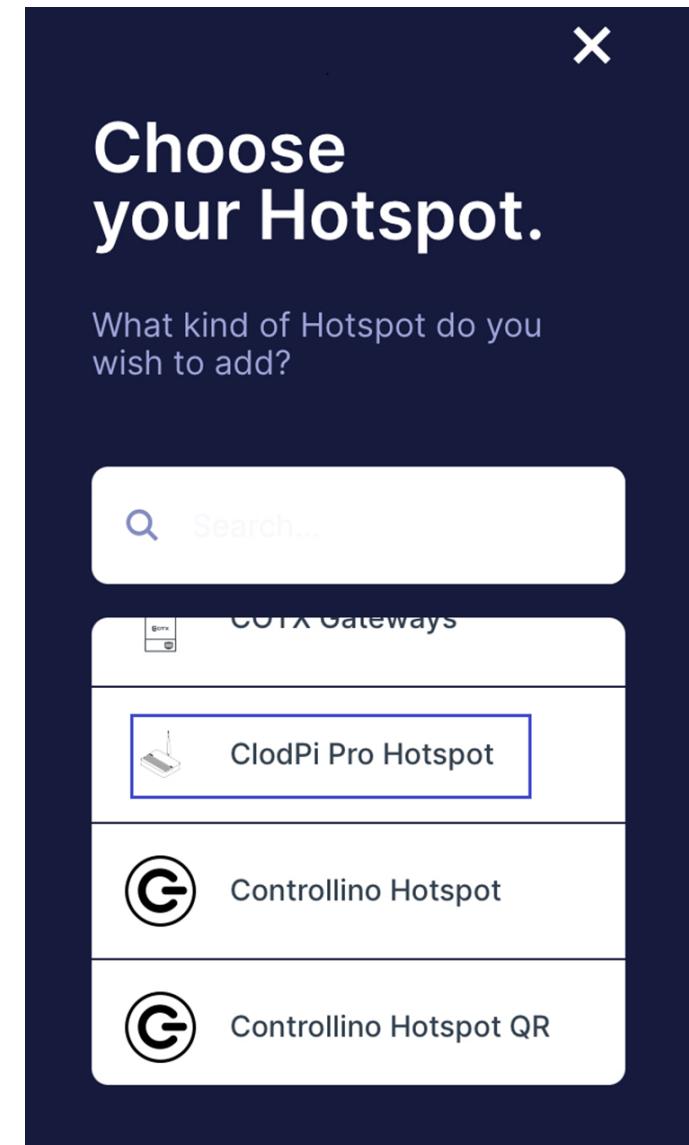


- 9) Allow the smartphone to connect the ProHotspot WiFi. This makes sure that your device WiFi is working and connected with your smartphone.

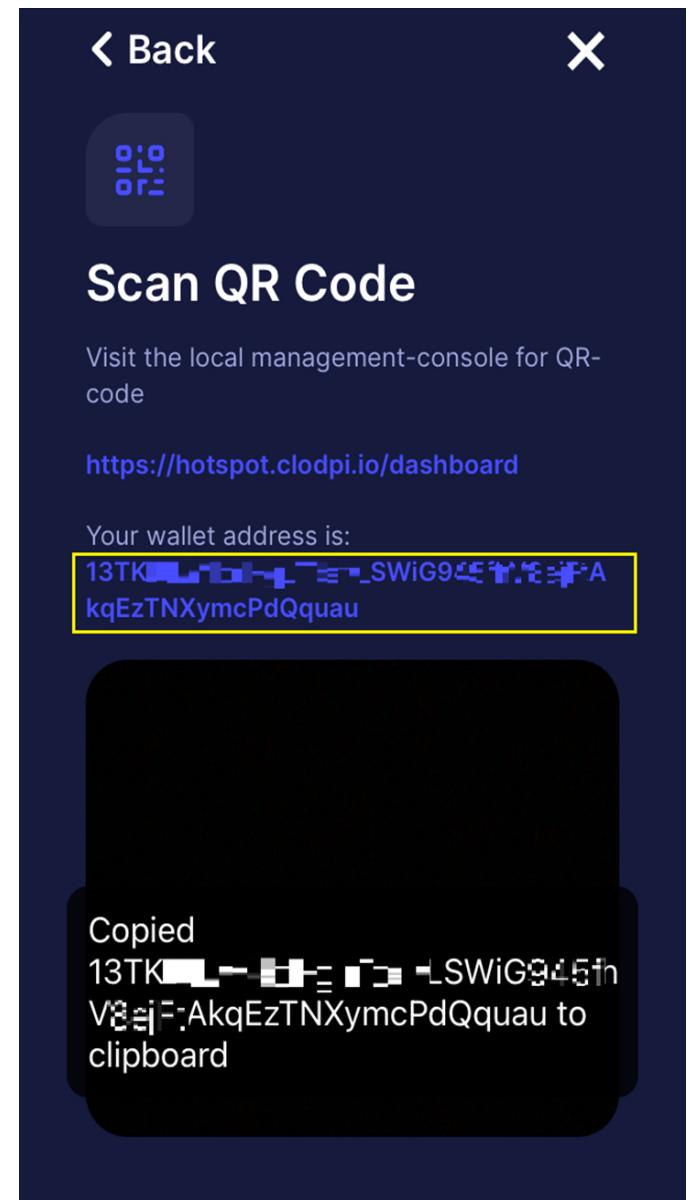


Steps to Onboard Pro Hotspot using Helium application:

- 10) Open the Helium app on your smartphone
- 11) Add a Helium Miner > Select “Hotspots” > Click “+ Add Hotspot” option
- 12) Choose your Hotspot screen: Select “ClodPi Pro Hotspot”

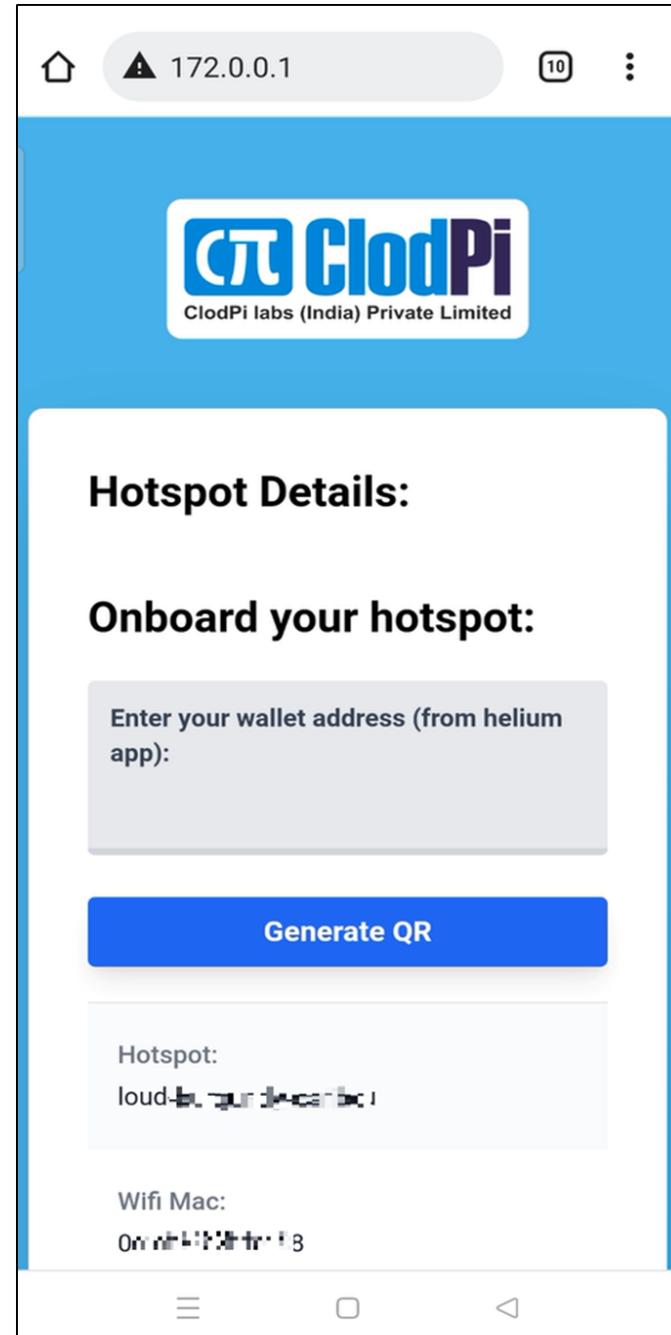


- 13) You will be navigated to “Scan QR Code” screen
 - 14) Click on the link below “Your wallet address is:” label. This will copy the link. A pop up confirming the copy action will be displayed.

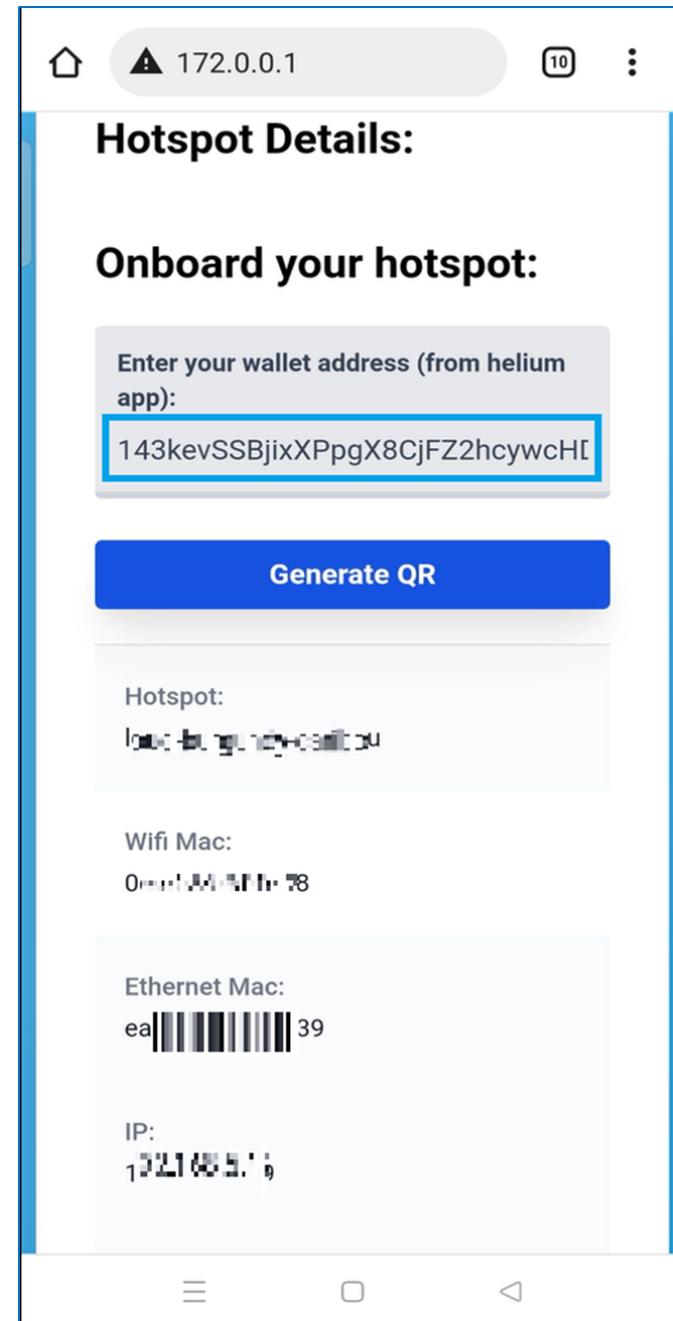


- 15) Tap the link "<https://hotspot.clodpi.io/dashboard>", to open the hotspot configuration page. If this does not work, open the link <http://172.0.0.1> in any browser available in your smartphone.

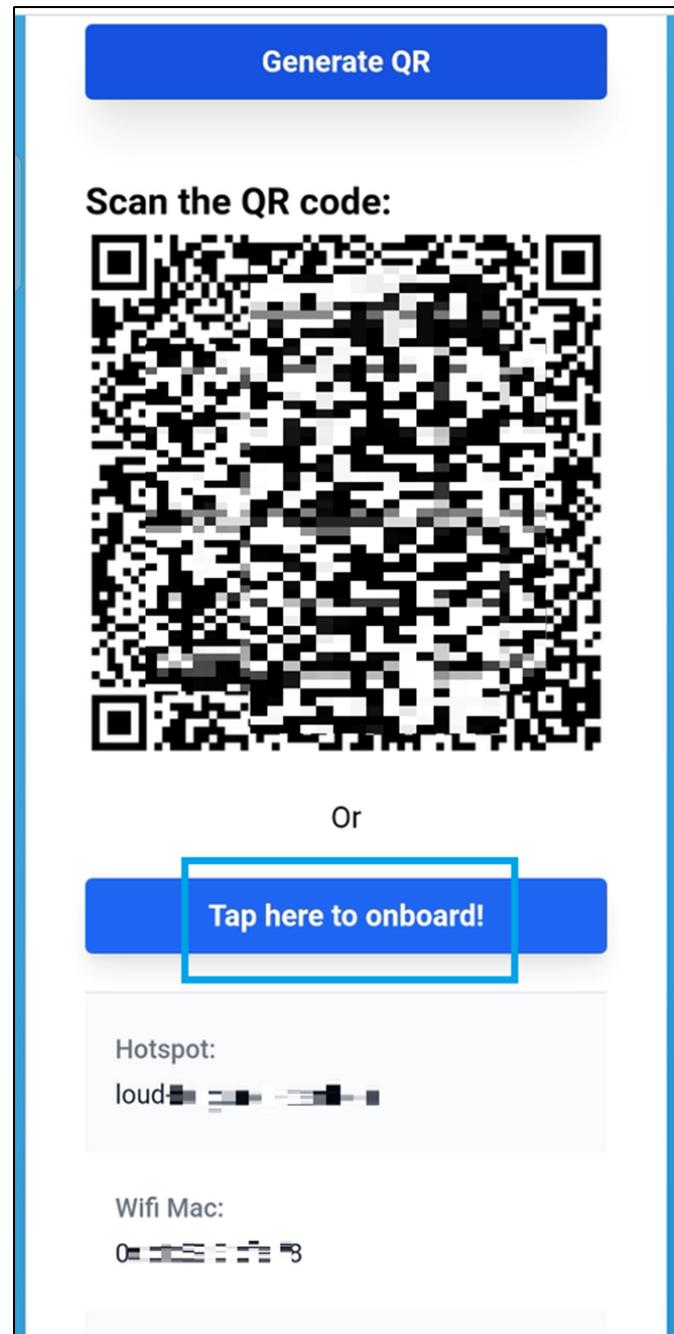
An user interface as in the below screenshot will be displayed.



- 16) Scroll down the page to view the Hotspot device details like Hotspot name, Wifi Mac, Ethernet Mac, IP etc. You can make note of these details.
- 17) Paste the Wallet address in the “Enter your wallet address (from helium app)” box:
- 18) Tap: Generate QR

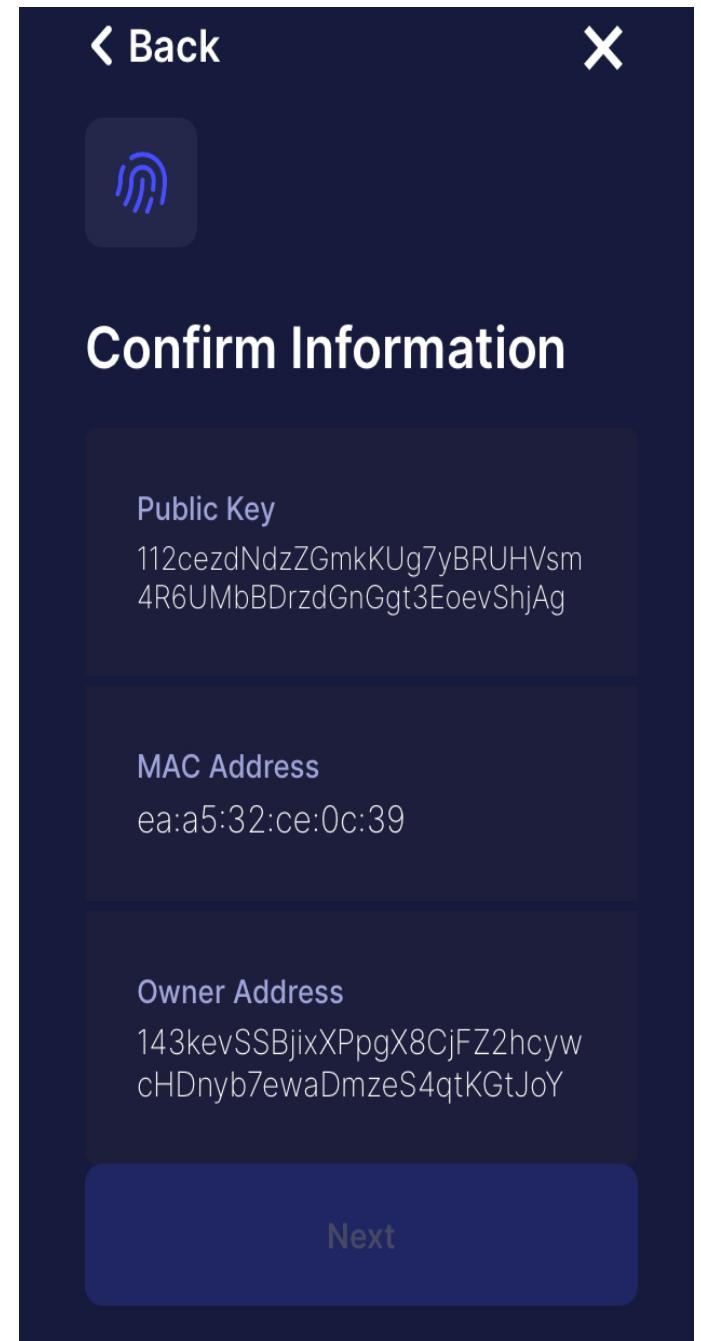


- 19) QR Code is generated and a button “**Tap here to onboard**” is available for proceeding with device onboarding process. Tap the button and the Device onboarding process will be triggered.

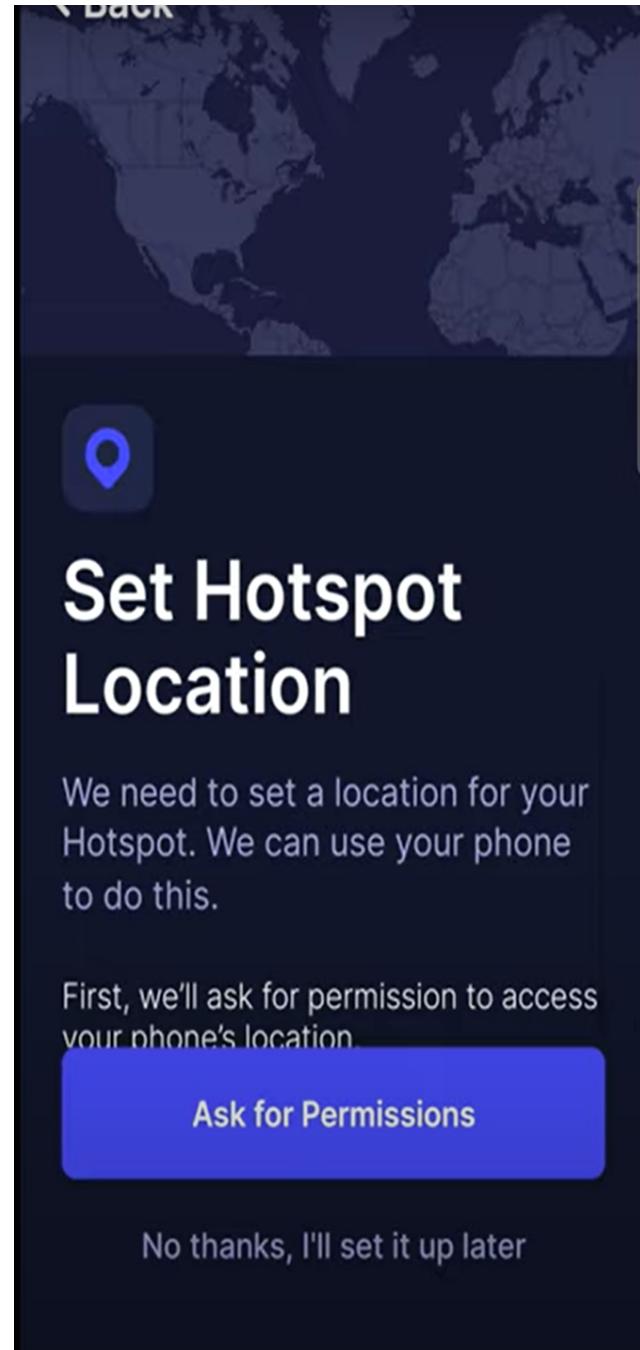


20) **Confirm Information:** Following information about the device is displayed for user to confirm: Public key, MAC Address and Owner Address

21) Tap “Next”

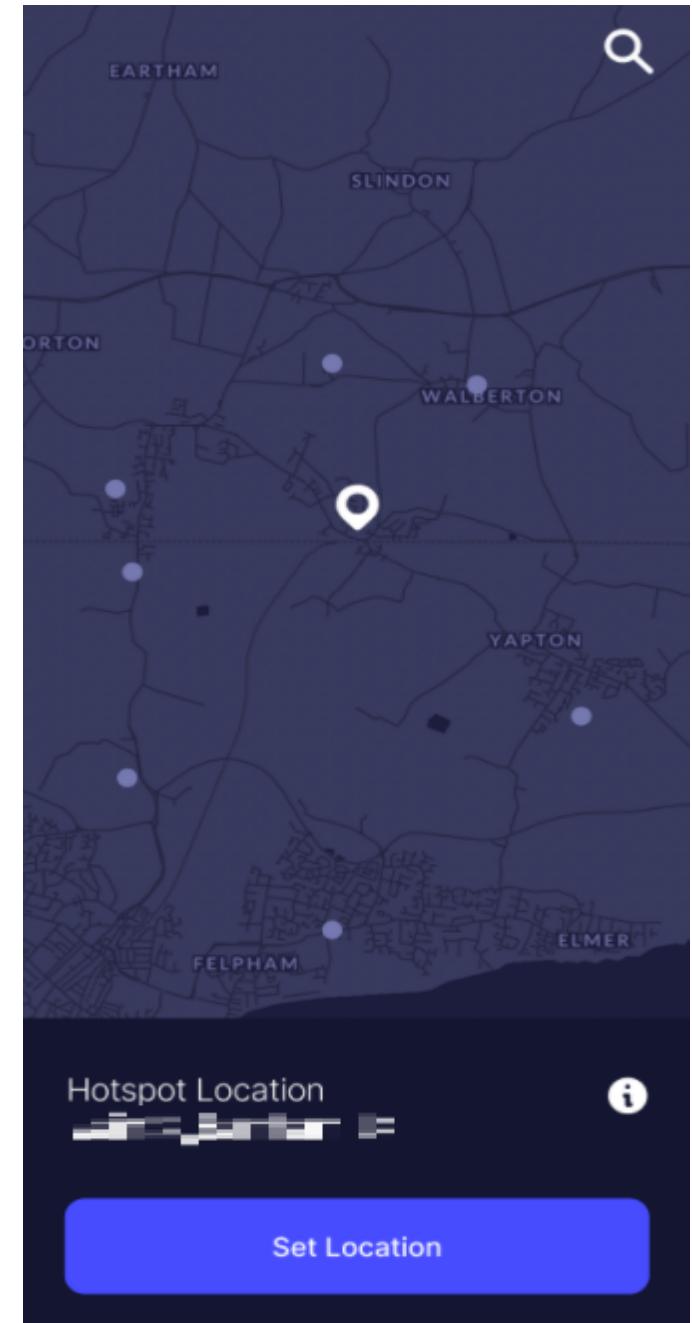


- 22) **Set Hotspot Location:** Here users will be required to select the location of the device. Allow the application to access the smartphone location by clicking on the “Ask for Permissions” option.



23) Helium Explorer Location map will be displayed

24) **Set Location:** User needs to confirm the location of the device by clicking on “Set Location” option



25) **Antenna Setup:** User needs to set up the antenna specification

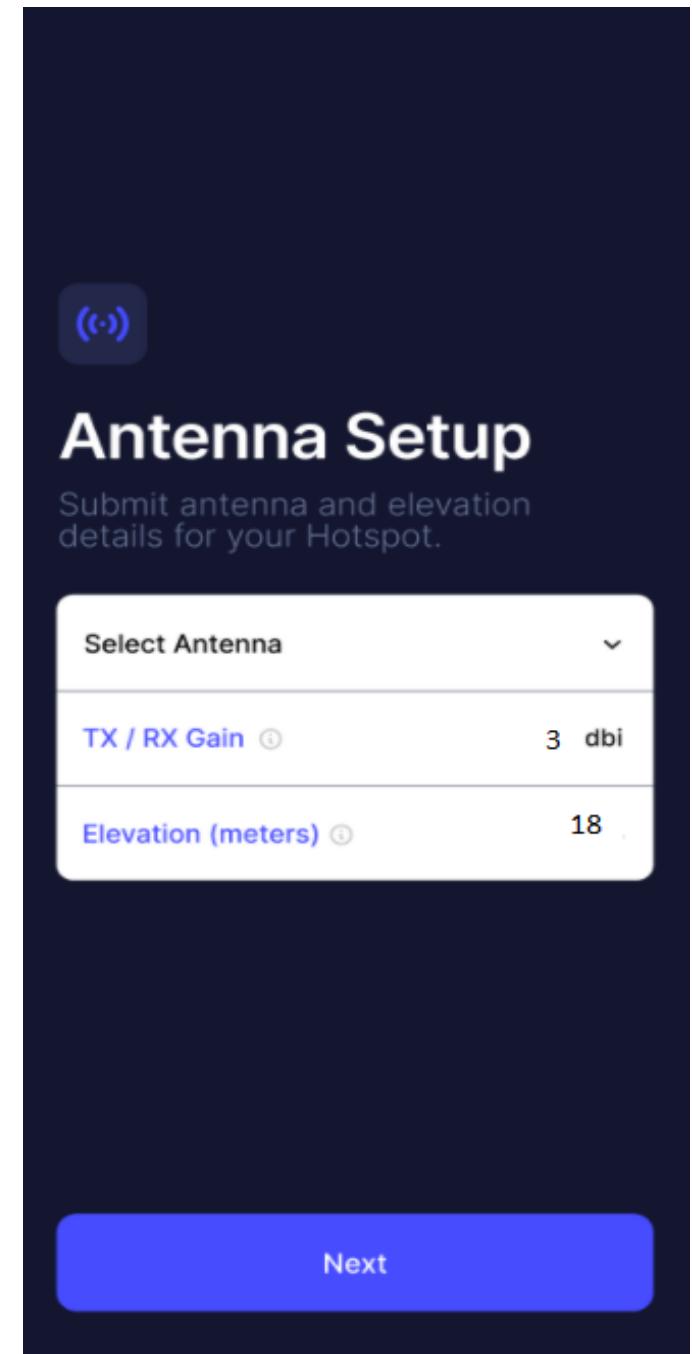
Select Antenna : ClodPi

TX / RX Gain: 3 dbi

Elevation (meters): 18

Tap “Next”

Note: These are illustrative settings. Users can click the informational icon and read through the Helium instructions.



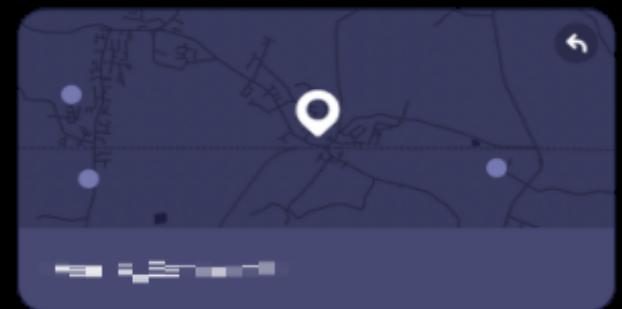
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- 26) **Register Hotspot:** A location assert activity has to be done by clicking on the “Register Hotspot” option. The location fee (\$ 10) will be automatically taken care of for the first time.

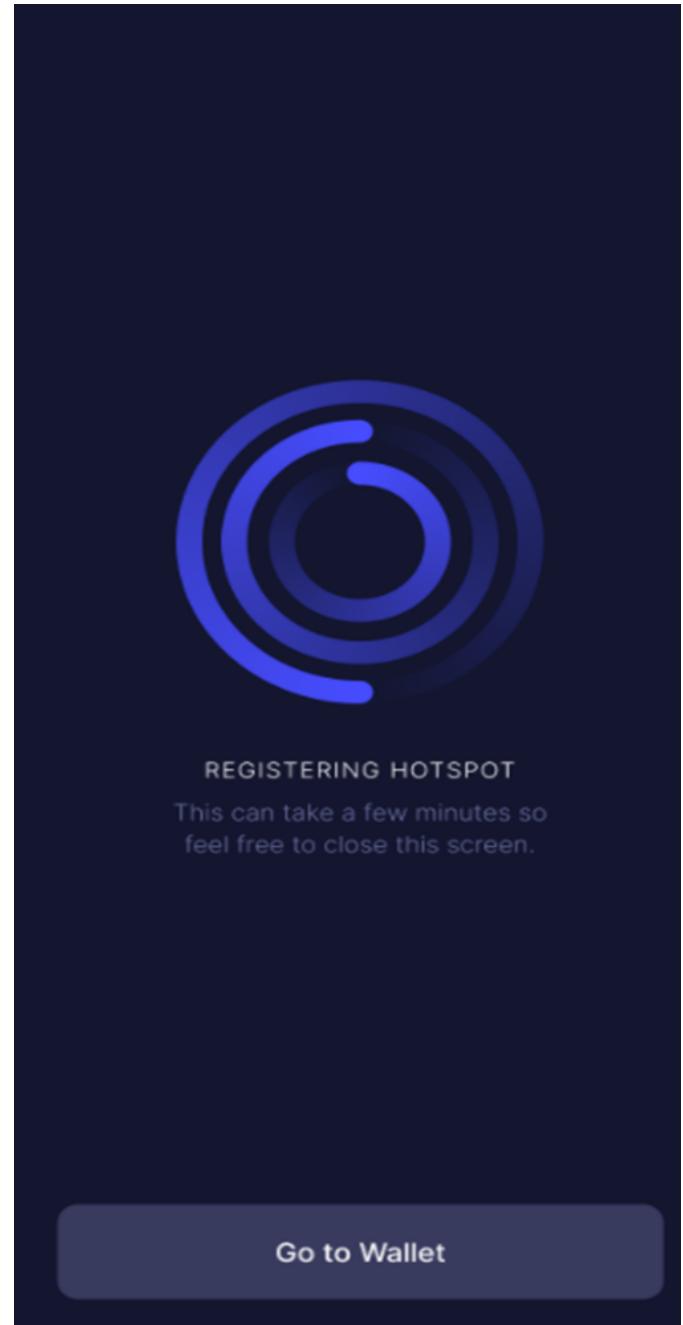
Location Fee

Your Location Fee (\$10) has been prepaid.

Confirm the location selected is correct and register your Hotspot.



27) Registering: Depending on the helium blockchain network, the hotspot registration process can take upto 10 minutes to complete.

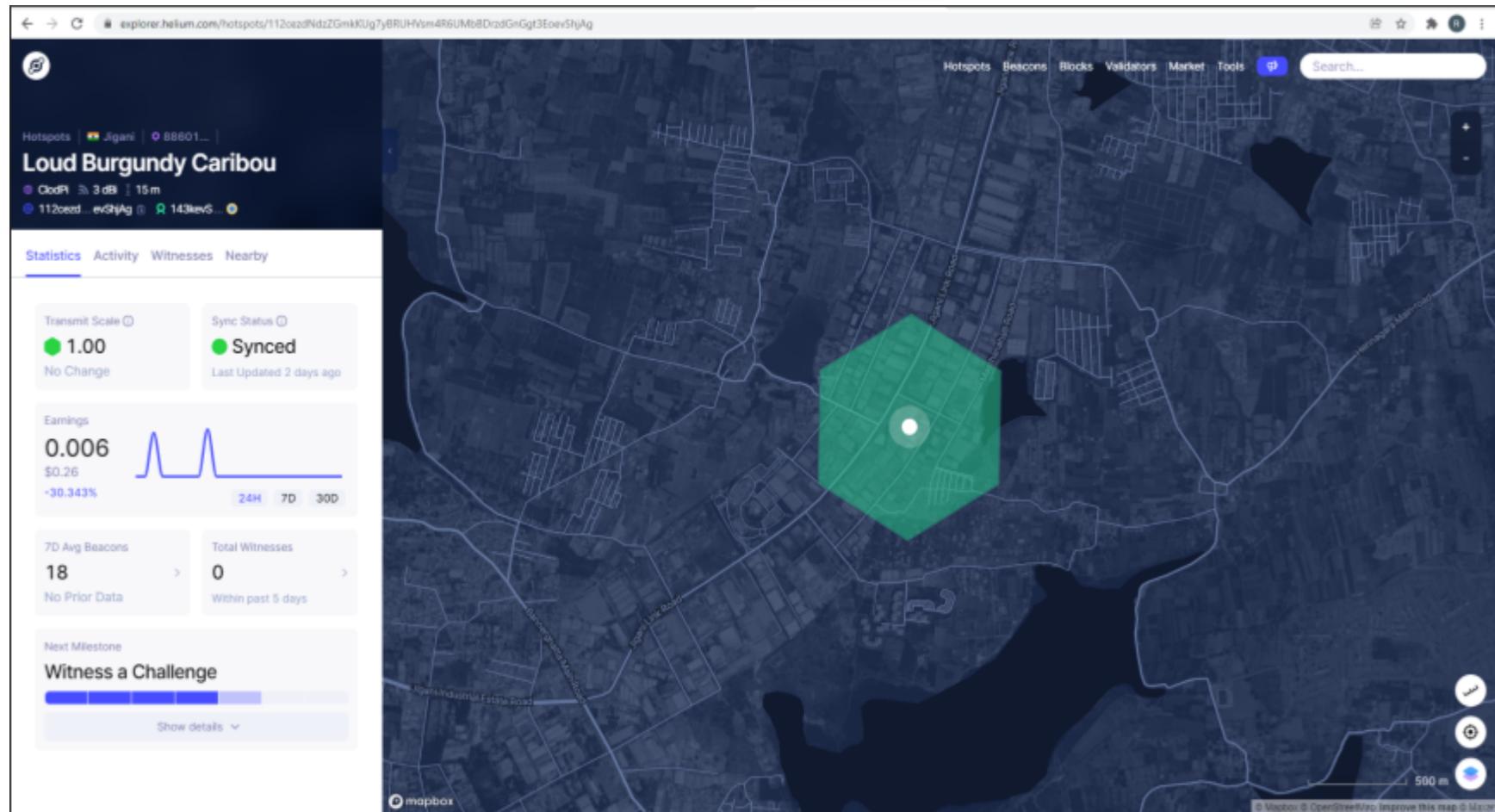


- 28) Hotspot registration confirmation screen will be displayed. Scroll down to see the device setup complete message.

Tap on “Device Setup is Complete! Click here for details”



- 29) User will be navigated to “Helium Explorer” displaying the Hotspot that you just onboarded. Device syncing process completion is dependent on the Helium platform and may take up to 24 to 48 hours.



CLOUDPI PRO HOTSPOT – ACTIVATE DEVICE ON HELIUM APPLICATION - STEPS COMPLETED
