LoRaWAN Bristol

The Things Network Bristol

- Open Source, free to use, network for the Internet of Things.

- Bristol group lead by Benedict R. Gaster at UWE and Bristol Wireless.

- LoRaWAN Radio technology – nodes broadcast data, received by gateways, which pass it to thethingsnetwork.org backbone; collect it using mqtt.

- Bristol Wireless are providing internet connection and access.
  - First gateway – roof of Holroyd House (Windmill Hill).

B&B IoT Meetup
12th Sept. 2016

We are live

- Visible through TTN active status:
  - http://staging.thethingsnetwork.org/gatewaystatus/
- Due to "bad" box design

Next Stage

- This is going to be address this week:
  - New gateway will go live Holroyd House
    - Much better coverage (brand new box design, for longterm outside use)
  - Second Gateway at UWE
    - Goes live this week
  - Third Gateway
    - To be again placed on Bristol Wireless location, Easton
  - Forth Gateway
    - Cube Cinema (23rd September)

How can you get involved?

- Free to use
  - register on thethingsnetwork.org, and join the Bristol Community.
  - Build your own nodes (and gateways?)

- Meetup group coming soon.

- Workshops (November?)
  - Planning 4 node development workshops

Follow @ttnBristol on twitter for more details

- Or come and talk to us after.

LoRaWAN Bristol website under development
- Will be hosted by Cube Cinema Sparrow infastructure
- Domain name to be confirmed
- Live September 2016