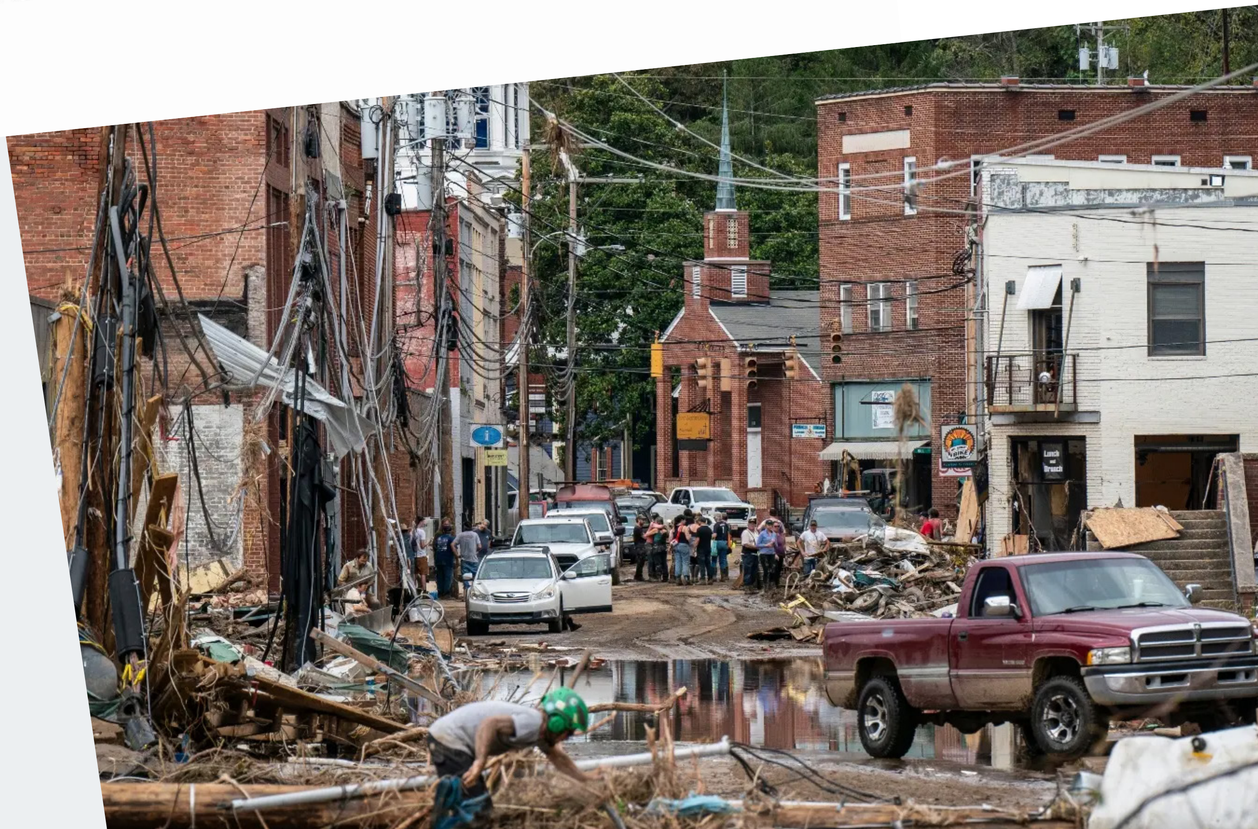
Ambient

The Art of Possible

EYE ON THE STORM

Climate change made Hurricane Helene and other 2024 disasters more damaging, scientists find

Rising global temperatures are amplifying deadly extreme weather events.



According to current climate data, **2024 is shaping up to be the year with the worst global weather on record**, with multiple months experiencing record-breaking high temperatures, extreme heatwaves, and other severe weather events across the globe, making it significantly worse than previous years; scientists attribute this primarily to ongoing climate change.

It is critical now more than ever to consider alternate approaches to:

- Deploy more sensors
- Better understand our climate
- Gather more data
- Be able to better fight the impacts of climate change

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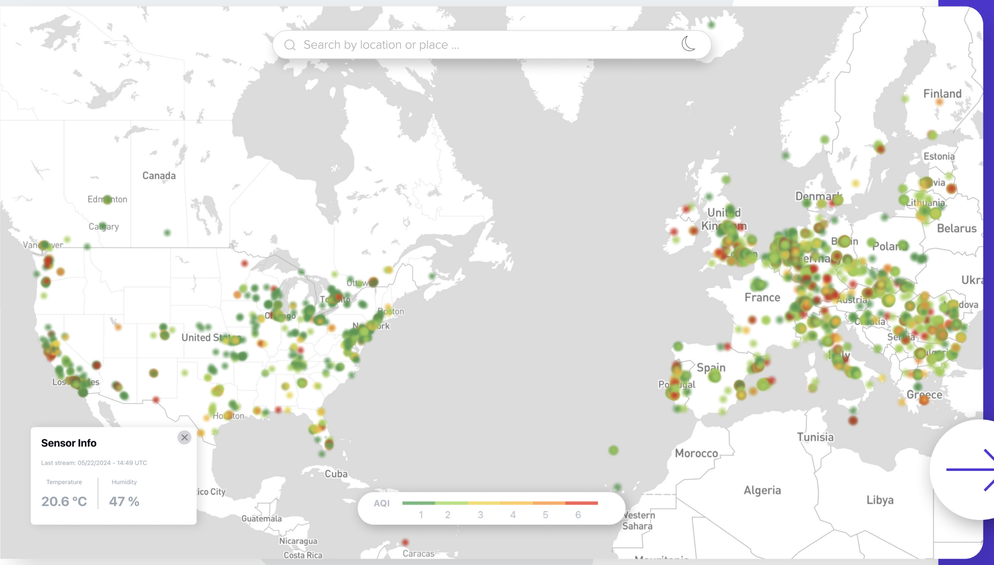
Ambient Network presents... The art of the possible

Leveraging economic incentives to create the crowdsourced sensor networks of tomorrow



- Incentivize the creation of environmental networks
- Create any sensor network anywhere
- Crowds and Communities invest in the capital outlay to build the network
- The network delivers long term incentives to keep sensor owners engaged

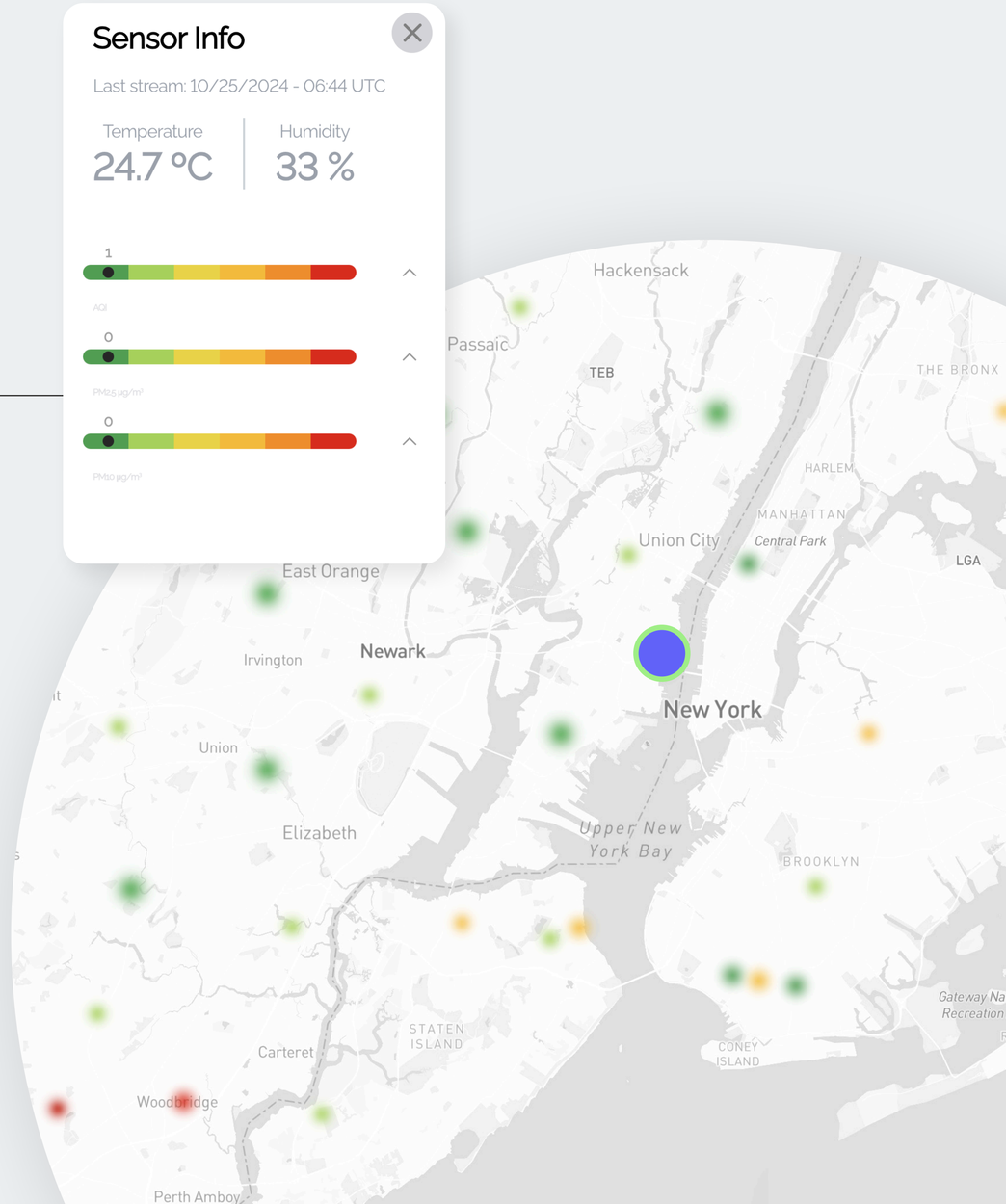
- Improved Modeling and Forecasting
- Improving communities resilience to environmental changes
- Improving Aviation Safety

Welcome to DePIN

- Decentralized Physical Infrastructure Networks (DePINs) **use token rewards to incentivize the crowdsourcing and building of real-world physical infrastructure networks**, with two main subsectors: physical resource networks and digital resource networks.
- Physical resource networks incentivize participants to direct or deploy **location-dependent hardware to offer real-world, non-fungible goods and services**, such as energy, geospatial, and connectivity.
- Digital resource networks incentivize participants to direct or deploy **hardware to offer fungible digital resources, such as compute, storage, and bandwidth**.
- The DePIN model introduces a **novel approach to capital formation** and enables new possibilities for human coordination.
- While DePINs have successfully scaled the supply side of networks, **the demand side has faced challenges due to a lack of user-friendly tools and interfaces** that simplify network usage.

And this is why we believe in this future

What does it mean, what is the value



- Traditional sensor deployments require up-front and recurring costs
- Unless there is a valid ROI, solutions don’t scale
- Centralized systems and solutions can be complemented by decentralized systems and data

DePIN- An innovation that could help solve this

Data

DePIN- economic incentives drive consumer sensor deployment, giving more access to data

- Consumers deal with the crypto/rewards
- Government and Enterprise get access to purchase the data

Economic Incentive

This creates a flywheel effect, and offers a unique economic incentive to consumers in communities, and provide value to those who serve them and help provide them safer environments

Hyper Local Sensors

There is minimal hyper-local sensor data leveraged today

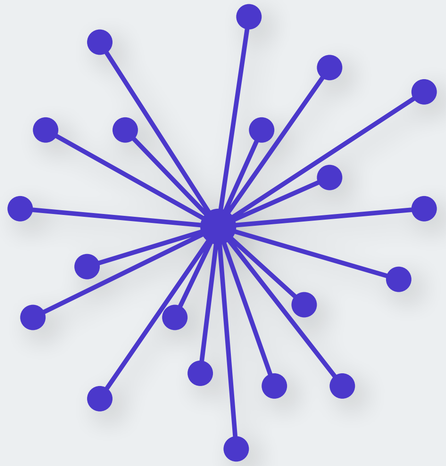
- It is becoming increasingly important to understand what is happening at the ground level

Blockchain Technology Was Born Secure

Secure by design

Centralized Systems

Low Entropy - Are easier to hack and break by default



Decentralized Systems

High Entropy - Are more resilient