Adoption Hypothesis

Introduction
Democratization of Research (signal) Every one has a 'vote' or say on what is important.
Today, researchers are mainly hidden/disconnected to the consumers of products and services. The Dsensor project turns this on its head.

Constrain Domain
The initial protocol and network infrastructure will be limited to a small set of sensor measurements, data from the Internet and from wearable devices. This will reduce complexity and provide a more manageable sized software development project initially.

Focus on simple sensor world: Temperature (Environment), Social Data, Wearables

Break out to Mainstream
Temperature sensors will be the main mass adopted, emerging from the DIY maker community, startup and established industry incumbent. Temperature drives a wide range of activity across the environment and life on earth.

Communities
Sensors:
Makers: Arduino, Raspberry Pi, Tessel etc. Test the initial protocol and experimentation base.

Home sensors, HIVE, NEST etc. Proprietary but maybe access via API plug ins.

Mobile: Samsung S5 temperature and humidity. A bet all mobiles will have these sensors soon.

People:
The wearable market adoption is ahead of blockchain user adoption and entering a second push of innovation. As the sensors become more ambitious and accurate the task of making sense of the data in context becomes exponentially hard. Too hard for any one business to deliver on. A open decentralized protocol with Networked hypothesis fills this complexity gap.

Hypothesis Ambition
Start with research that is nil or very very low fiat start up costs involved. That is hypothesis that can be purely intellectual capital and time/attention cost for the researcher. When cost increase to researchers complexity problem being addressed is vast, or equipment or costly compute resources out with the networks capacity then a mechanism to fund these future hypothesis will be implemented.

QS bring activities into a network phase

Fitness – early adoption of wearable technology, ready to enter networked decentralized v centralized to application coming with the sensor.

Shopping – start of use of mobile directly in store with sensors e.g. fitting for speedo swimming costume to selecting a can of soup.

Researchers:

Everyone in the network will be by default a researcher but some peers will provide knowledge that others do not process and the job of the protocol is to make it visible to all peers which peers or research peers on the network are the best to seek out given their sensor data flow?

Traditional science adoption
QS to Scientist, within science (behavioral before physicists e.g. LHC sensors, data)

Incentive Theories

Self sustaining infrastructure:
Volunteer of network infrastructure cryptography: only way to accumulate mapping value (currency) is by volunteering CPU cycles to the network infrastructure.

Mapping
Early Mapping, quality of mapping, quality of computational: Built in DAO rules give arbitrary value to early mapping and that reduces at an evolving discount rate dependent on the growth of the network. Including the code that supports the whole Dsensor protocol.

Future research:
'Funding' for researchers - idea of stable and unstable coin for cryto-money, have realtime and futuretime CIQ currency units. Cryptocurrency exchanges may establish rate between CIQ and e.g. Bitcoin or direct to Fiat (if still exists in the future) or could be non-transferrable CIQ but the network uses this to allow bitcoins or fiat towards researchers i.e. traditional money is still pervasive in society and researcher in liquidity to pay for living expenses.

Examples

Hypothesis temperature and wearable movement, heart rate

Hypothesis temperature, social sentiment, movement/heart rate

Hypothesis temperature, DNA, social sentiment, movement, heart rate