



NO FIXED ABODE

A No Fixed Address System for the Nomadic Future

NFA (No Fixed Address) system proposes a new system with a static postcode tied to a dynamic, impermanent address, allowing modern nomads to participate in a functional society that respects alternative ways of living.

Modern nomads are not hiding, modern nomads are not trying to break any laws, modern nomads simply live a different way of life, why do modern nomads have to tolerate pressing issues brought by the obsolete mindset of having a fixed address?

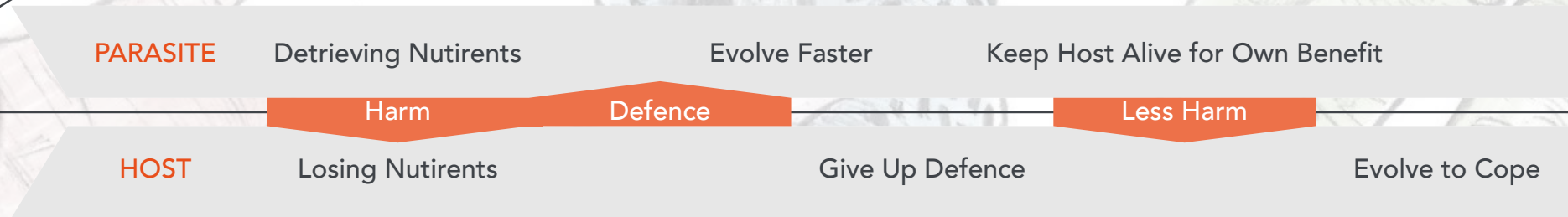
NFA system seeks to normalise and formalise the nomadic way of living through the proliferation of the No Fixed Address system. By becoming part of the norm, modern nomads will be able to become more intermeshed into our static, rigid society. Diversity should be respected in our great democracy.

While different factors, including the housing crisis and advances in technology, has led to a dramatic rise of nomads in recent years - both by choice and by force. The way people work live love and relate to places and each other are being changed. Modern Nomads leverage technology in order to live an independent and nomadic lifestyle without being trapped in a fixed address. But they are facing unnecessary problems. From voting to ordering pizza, the society is not yet able to cater to the increasing needs of this growing group of people. Modern nomads are excluded from the society.



Starting from parasitism, I looked into the evolution from parasitism to mutualism. Through the evolution, the parasite and the host start to cooperate and live on each other.

Topic



Hypothesis

**if (PARASITE = HOST)
then PARASITISM = "MUTUALISM"**

"They (beggars) are a race apart--outcasts, like criminals and prostitutes. Working men 'work', beggars do not 'work'; they are parasites, worthless in their very nature."

Down and Out in Paris and London
by George Orwell

Context



George Orwell describes an opinion which is hold by a certain amount of people in their mind. This point of view is incorrect but it reveals the existence of stereotype of beggars and even homeless people.

Homelessness has existed in the world for a long history and seems difficult to be ended. I assume there is a relationship of mutualism between homeless people and the society therefore the issue of homelessness never comes to an end.

Question

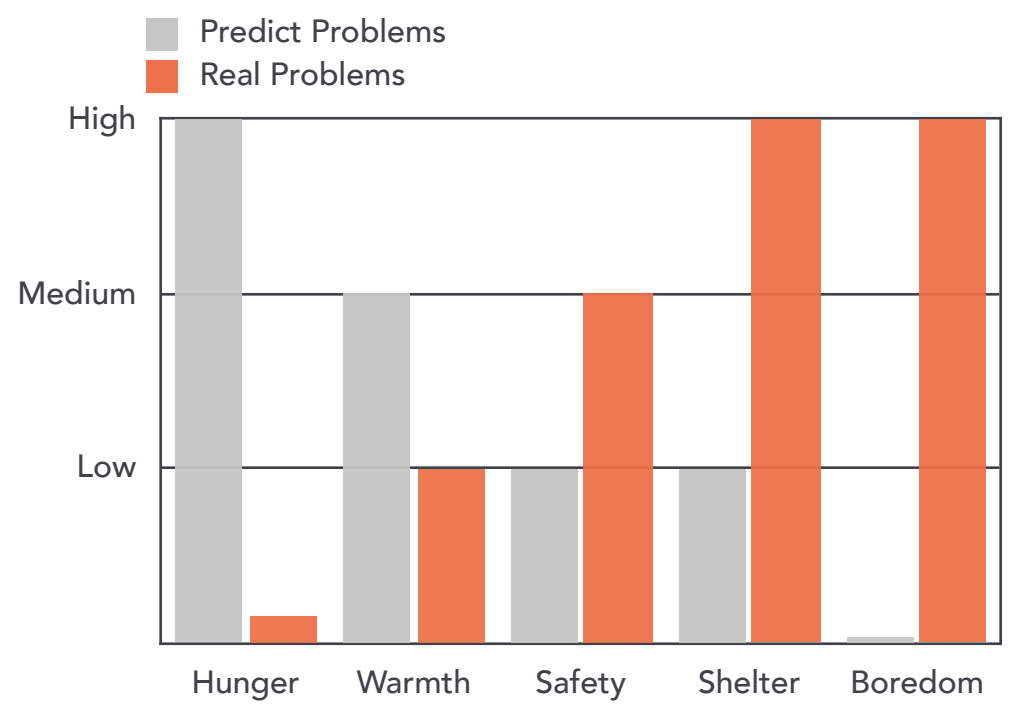
What's homeless people's value to the society?



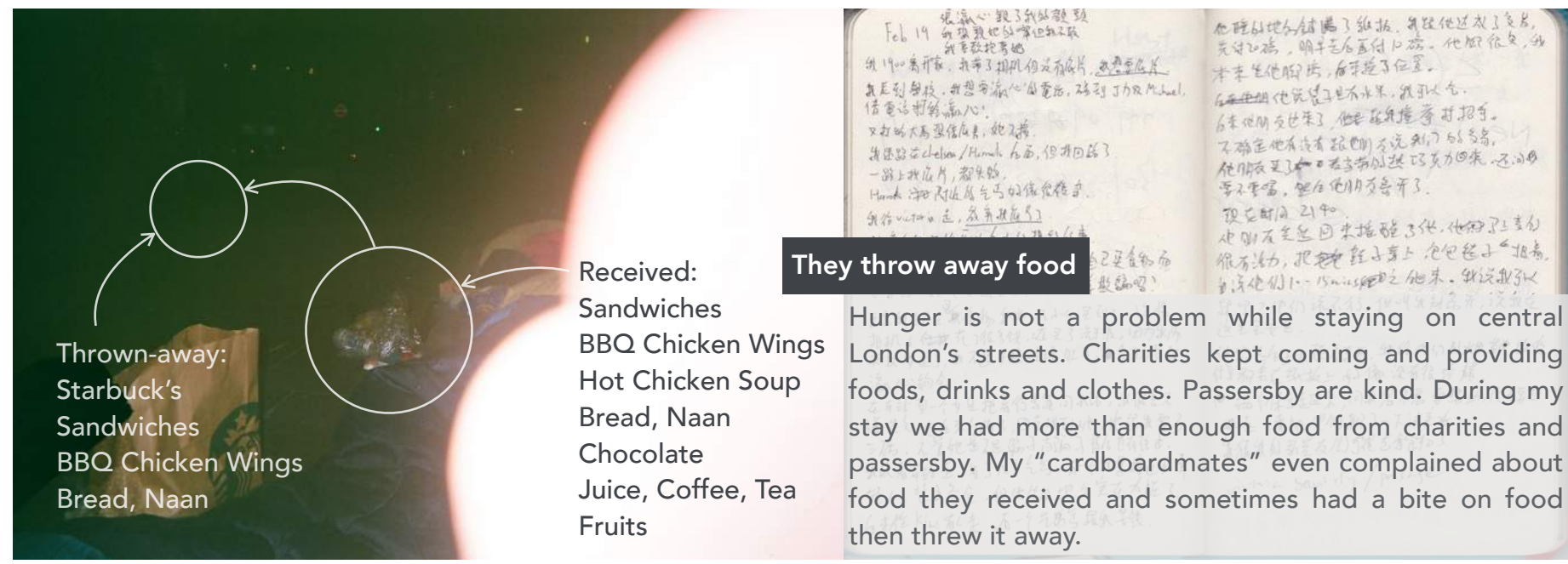
To better understanding the life style of homeless, I spend a night outside Victoria station with two "cardboardmates" - Phil and Lee - who asked me for spare changes earlier that night.

My approach was different from typical interview. I observed things happening around quietly. They were very comfortable with it: "We are very happy, no one has ever done this before. You just sit down and stay with us, not many questions. We are happy."

Before the stay I had my own prediction about the problem I might face on the street, but it turned out that the reality was different from my imagination.



I documented my experience during my stay on the street. The insight is that homeless people in central London have access to different assistances provided by charities and councils including foods, clothes, shelters and job training etc. The short-term assistances they can get are more than they have. Mean while there is a lack of long-term solution. People provides short-term help because of empathy and willing to help, but sometimes it doesn't help.

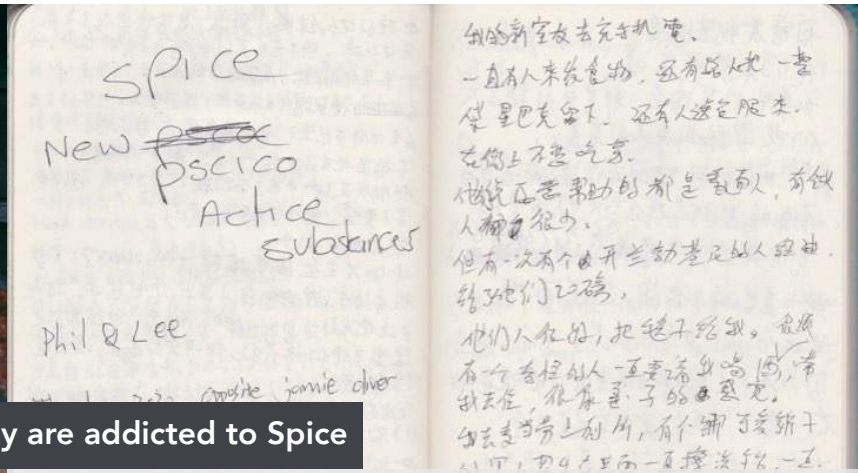


Thrown-away:
Starbuck's
Sandwiches
BBQ Chicken Wings
Bread, Naan

Received:
Sandwiches
BBQ Chicken Wings
Hot Chicken Soup
Bread, Naan
Chocolate
Juice, Coffee, Tea
Fruits

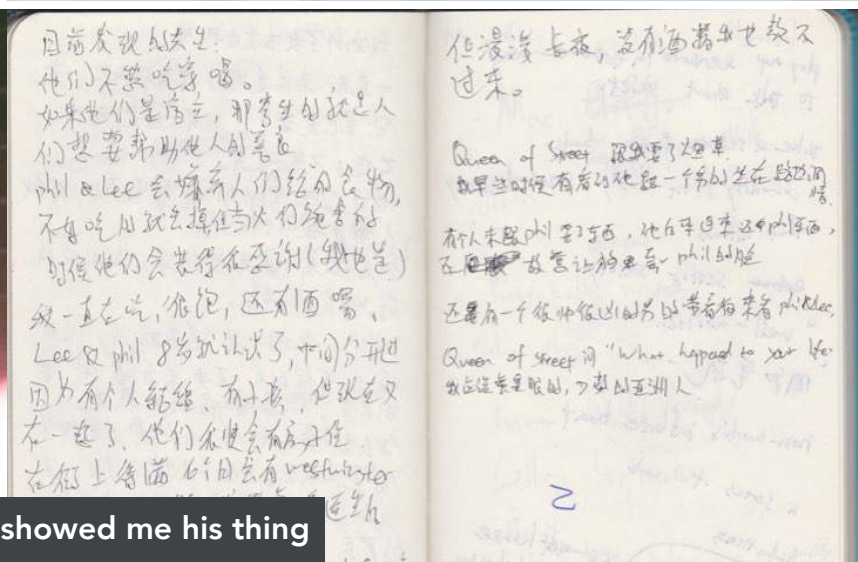
They throw away food

Hunger is not a problem while staying on central London's streets. Charities kept coming and providing foods, drinks and clothes. Passersby are kind. During my stay we had more than enough food from charities and passersby. My "cardboardmates" even complained about food they received and sometimes had a bite on food then threw it away.



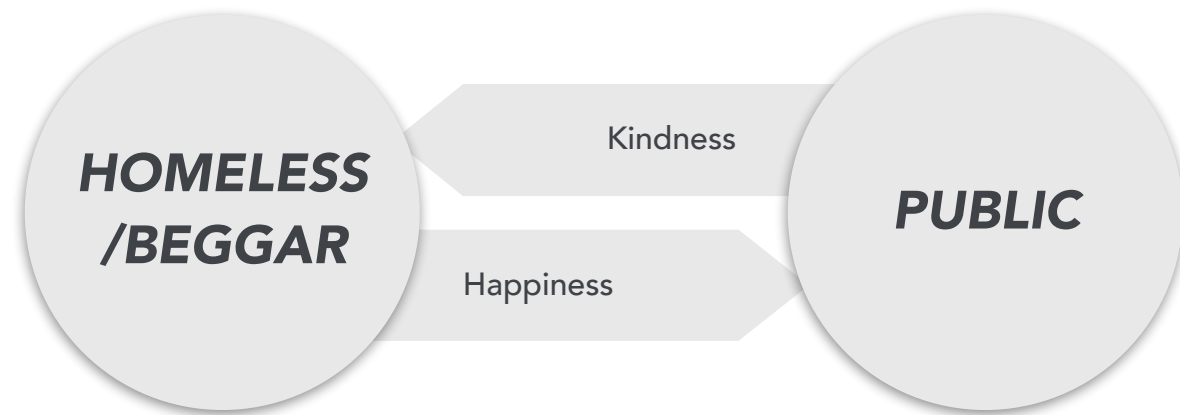
They are addicted to Spice

The reason of addiction is the boredom on the street. Homeless people have nothing to do on the street. Drug and alcohol help them to get over the long, cold and noisy night.



A guy showed me his thing

Sexual harassment can occur between same sex. It happened in a McDonald's toilet.



Answer

An agent of virtuous social bonding.

“The beggar’s existence allows even the poor to make donations.....he/she functions as an agent of virtuous social bonding.”

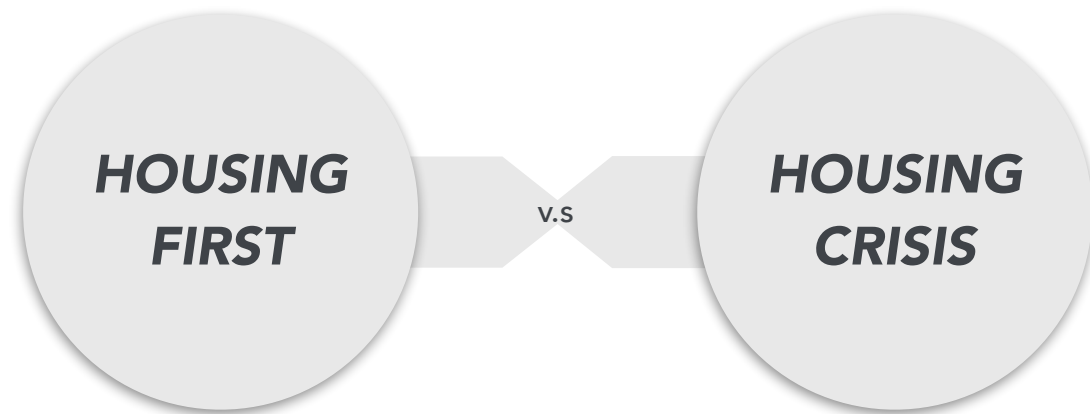
Sympathy and the State in the Romantic Era: Systems, State Finance, and the future of futurity
by Robert Mitchell

Homeless people in central London have access to different assistances provided by charities and councils including foods, clothes, shelters and job training etc. The short-term assistances they can get are more than they need, but there is a lack of long-term solution. People provides short-term help because of empathy and willing to help, but sometimes it doesn't help.

A video has been made to summarise this phase of research.

Link to video: [VIMEO](#) [YOUKU](#)



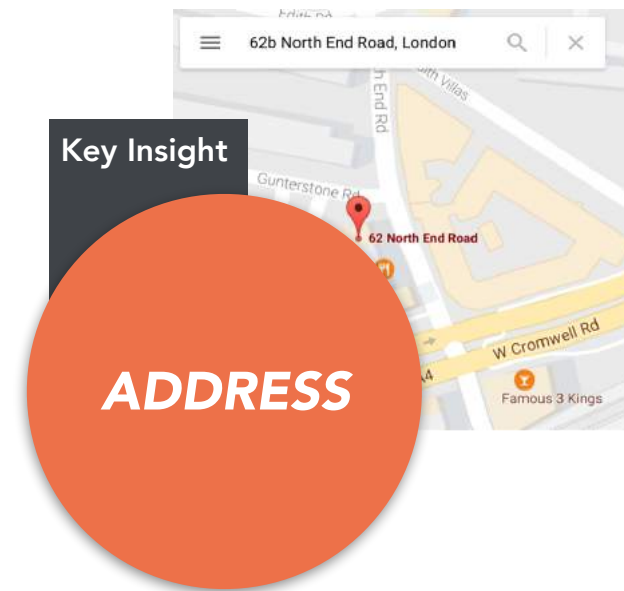


To efficiently help homeless people is to give them the sense of human dignity rather than taking pity on them. Housing first is a practical principle to address homeless issue.

Recent researches also show that the key solution to homelessness is housing, the principle is called "housing first". Whatever problem an homeless individual has once having a house the individual will start to be responsive to the house and him/herself then the situation will get better. Even more, it costs only one-third housing a homeless people than keeping than on the street. Because it needs more money to maintain shelters, health-care services and so on.

Making use of vacant buildings sounds simple, Jeremy Corbyn and Margaret Thatcher had talked about homelessness and making using of empty properties in 1990. But the number of people sleeping rough on streets is still increasing every year while many properties are left empty. The housing crisis is complicated because of the complexity of economics, politics and human nature. The housing problem seems unfixable.

Apart from not having roof on top of the head, is there any consequence caused by not having a house? Yes, and many homeless people are complaining about this. It's address. A main obstacle of homeless people in finding jobs, claiming benefits and so on is the lack of residential address.



"I got an interview but they cancelled it because they found I was using an address of a church."



"I've got nothing. I can't claim benefits, because I've no address...You used to be able to sign on and they would give you so much money every day. Not any more. That's all gone. Doesn't exist anymore, that. Doesn't exist."



"You can't claim dole, because you need a letterbox to get ID, but you need ID to get a letterbox...So all left is to beg, yeah..."

Are homeless people the only victims of not having a fixed address? No they are not. Because of the technology development and the remain high housing price, A growing cross-generation tribe of educated, influential and affluent professionals are striving to lead a nomadic life. For them, concepts like borders, time-zones and office-spaces can be ignored in lieu of a connected ecosystem of tools and services that help them to live, work and play in a way that may seem extreme to many of us today, but will become the norm for a much larger group of professionals in the next few years

Will this change the value of the society? How does the society attitude towards people who has no permeant place to live? Will the attitude remain the same in the future with a more serious housing crisis?

6.

HOMELESS

If you ~~do not have a permanent home~~ then you can register at an address where you spend a substantial part of your time, whether during the day or night. This could be a shelter or any place where you sleep or spend a large part of your day.

You can do this by filling in a form called a "Declaration of local connection". You can download a [Register to vote form \(no fixed address\)](#) from gov.uk. There are two forms - one for people in England and Wales and one for people in Scotland. Alternatively, you can get the form from your local electoral registration office.

[Find the contact details for your local electoral registration office.](#)

LIVING ON A BOAT OR OTHER MOVEABLE RESIDENCE

If you live on a boat, houseboat or similar residence which has a fixed or permanent mooring then you can register at that address. You can register online at [gov.uk/register-to-vote](#).

If you ~~do not have a permanent mooring~~ then you can register either at a place where you spend most of your time or have some connection. This could be the place where you were last permanently registered or, for example, a boatyard that you use for maintenance.

You can do this by filling in a form called a "Declaration of local connection". You can download a [Register to vote form \(no fixed address\)](#) from gov.uk. There are two forms - one for people in England and Wales and one for people in Scotland. Alternatively, you can get the form from your local electoral registration office.

[Find the contact details for your local electoral registration office.](#)

Your address for registration

Please tick **one** statement and provide the appropriate addresses:

- I have ~~no fixed address~~ - please give us the address or place where you spend a large part of your time in **Address 1**.
- I am a mental health patient living in a mental health hospital - please give **both** of the following:
 - the name and address of the hospital in which you are being treated in **Address 1**
 - and the address where you would be living if you were not a mental health patient or where you have lived in the past in **Address 2**.
- I am a person who has been remanded in custody - please give **both** of the following:
 - the name and address of the place in which you are being detained in **Address 1**
 - the address where you would be living if you had not been remanded in custody or where you have lived in the past in **Address 2**.

Address 1

Postcode

We may need to contact you to ask about how much time you have spent at this address.

~~No fixed abode~~

If, during the last 5 years, there has been a period of time during which you had no fixed abode, you must supply some details about this in section c.

Write 'NO FIXED ABODE' in the address field and provide the town or city, the county and the country where you were during this period, along with the dates between which you were of no fixed abode. These dates should be provided using the month and year (MM/YYYY) format.

If you were of no fixed abode in more than one county, you must supply each one as a separate address using this same format.

We cannot accept 'NO FIXED ABODE' as your current address in section b. This is because we need a full address to write to you and send out your certificate.

In these circumstances you must provide a 'care of' address in section b and explain this on a separate sheet or on a [DBS continuation sheet](#).

Electoral registration form for someone with ~~no fixed or permanent address~~

You can still register to vote even if you ~~do not have a fixed address~~. This could be because:

- you are homeless or ~~have no fixed address~~
- you are a person who has been remanded in custody, but you have not yet been convicted of any offence
- you are a patient in a mental health hospital.

To register, you need to give an address where you would be living if it were not for your current situation or an address where you have lived in the past. If you are homeless, you can give details of where you spend a substantial part of your time.

Problem

People without fixed address are losing their voice.



Lois Pryce, Author, used to work for BBC

"Living on a house boat means I don't officially exist. My experience of voting was a disaster. With out postcode, I have no voice. For It wasn't so long ago that your insurance company, bank and local pizza restaurant didn't have a computer that connected your name to your postcode, but we now have the peculiar situation where it is assumed there must be one for every human. Only in the last couple of decades has this creep of technology and the advent of the electronic database created the black hole of the postcodeless. And when that happens, guess what? Computer says no."



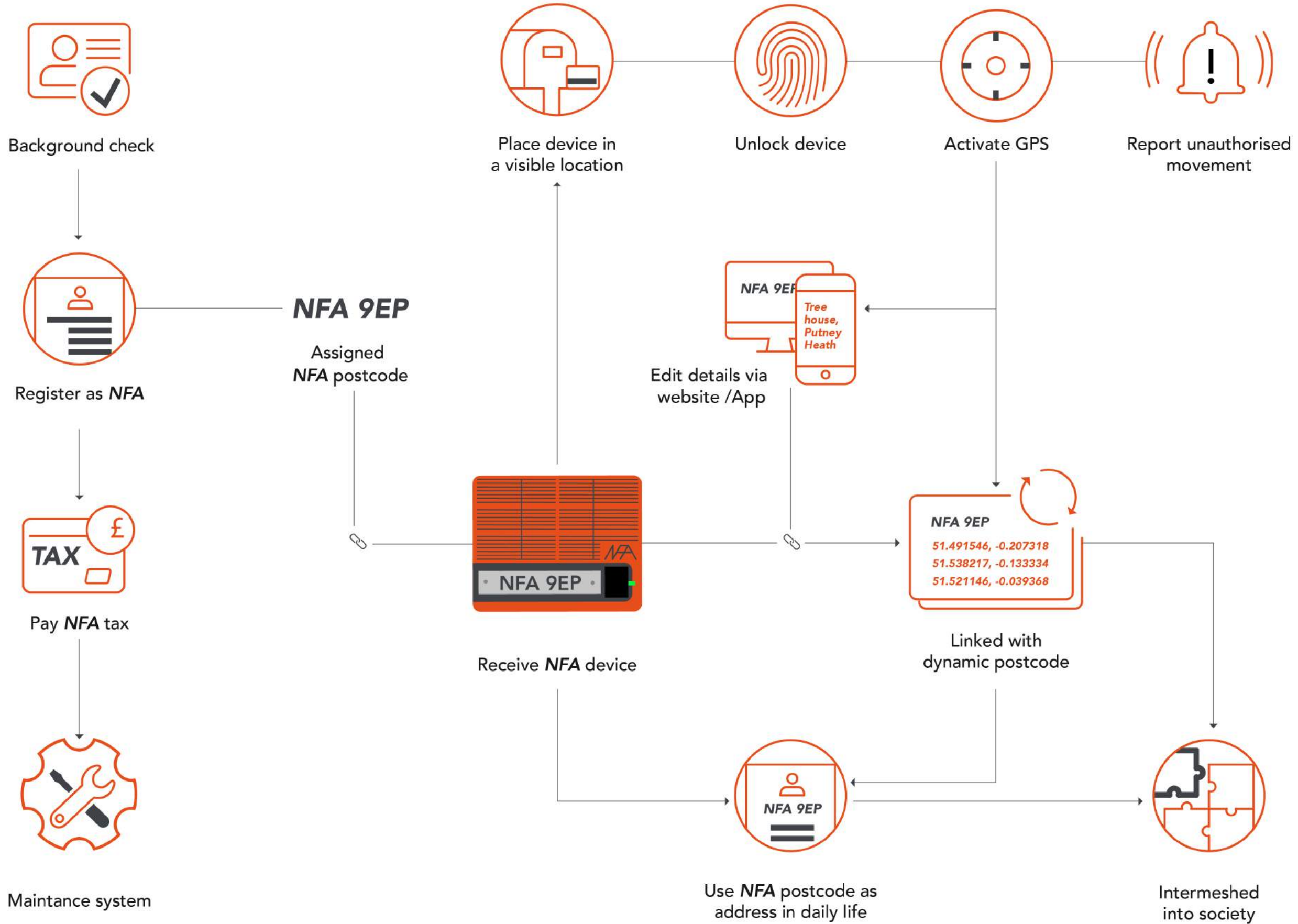
Capt. Fritter lives on boat

"For people like myself who live aboard, or who like to travel around the planet or parts thereof, the idea of a permanent physical address is more of a hindrance than a need. We ain't hiding, we ain't trying to get out of the clutches of government control, we ain't trying to break any laws, we simply live a different way of life. With the ability to connect digitally, the idea of needing permanent or fixed address is an obsolete mindset. But, governments seldom look to the future nor do they embrace ideas that don't conform to the hive. "

Brief

Design a system to help no fixed abode better intermeshe into the society

Modern nomads can register as NFA user, being assigned an NFA postcode and receive an NFA device. Once the user find a place to settle down, place NFA device in a visible location then use fingerprint to activate the GPS. The location will be linked to the NFA postcode. Services requiring address can reach the user's current location via NFA postcode. NFA system also creates address history of the users to establish credits as proofs of their existence in the society allowing users to access services such as mortgage, visa, etc.



```
*****
----> AT+HTTPTERM
<---- OK

/ --- /
Palace Gate, Kensington Road, South Kensington, Royal Borough of Kensington and Chelsea, London, Greater London, England, UK
/ --- /

 Autoscroll
by NTS Radio FOLLOW
```

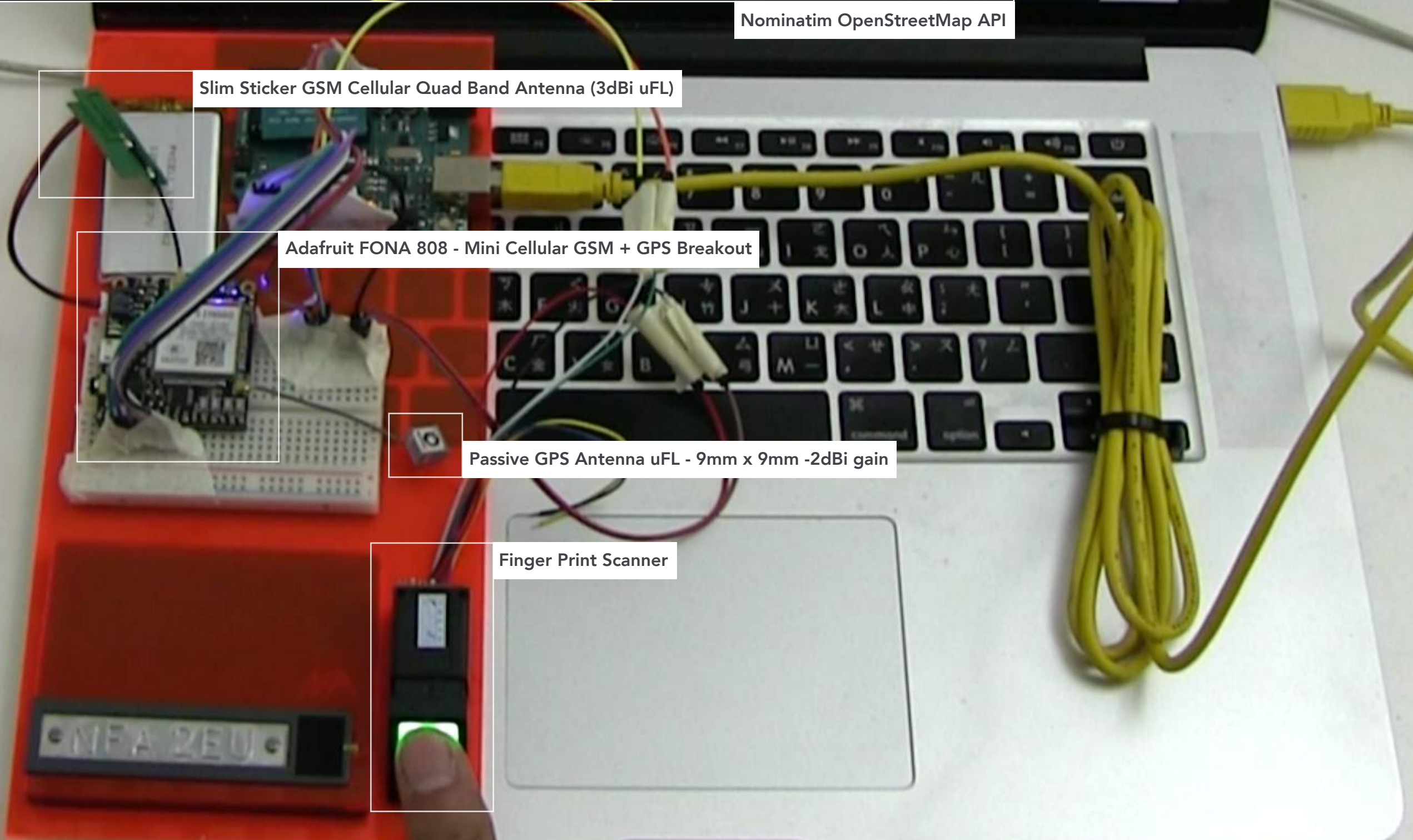
Nominatim OpenStreetMap API

Slim Sticker GSM Cellular Quad Band Antenna (3dBi uFL)

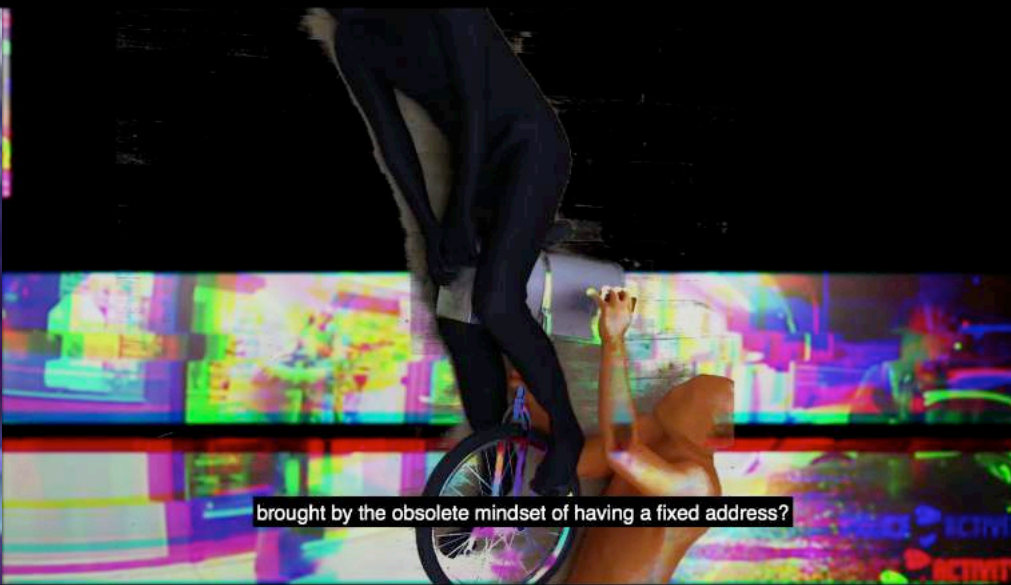
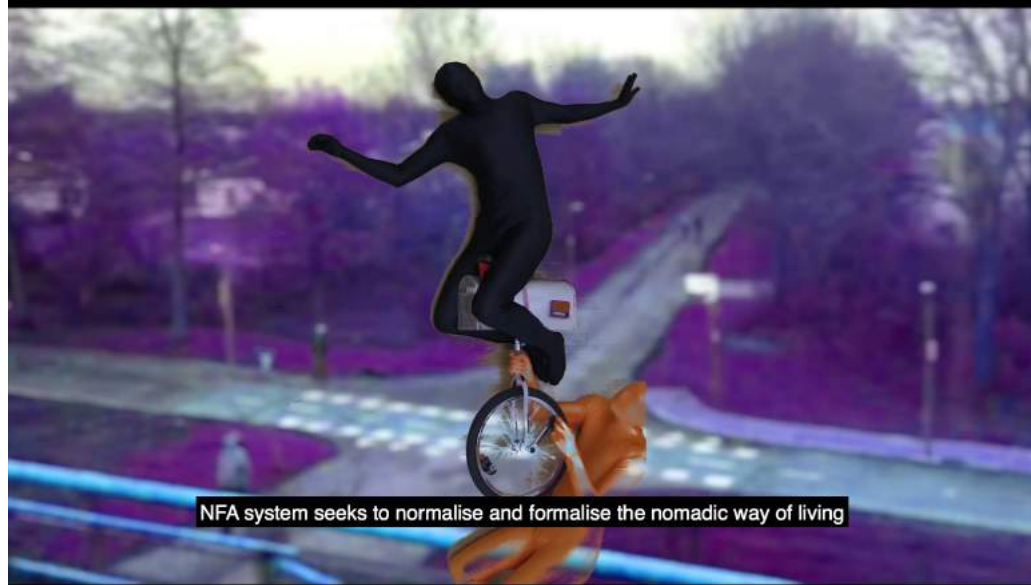
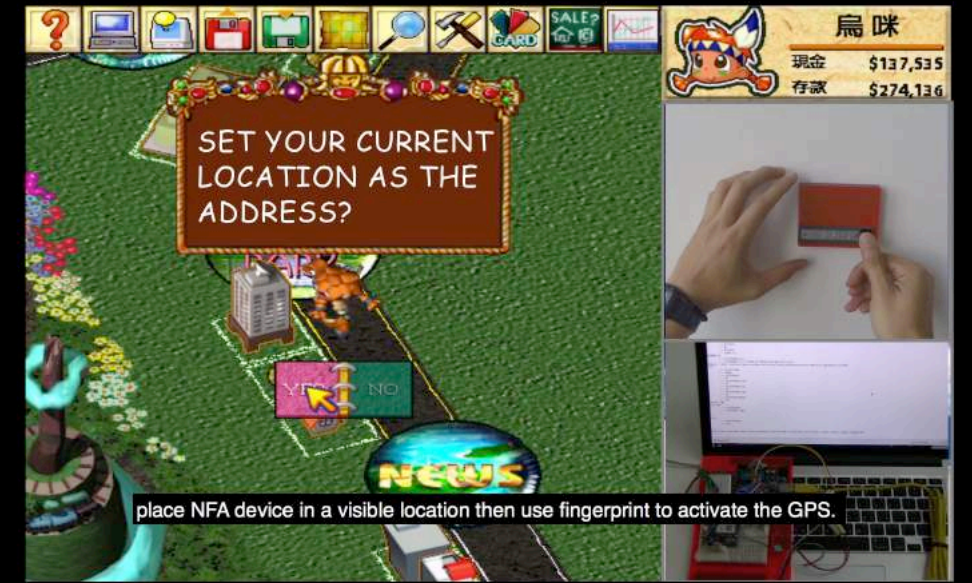
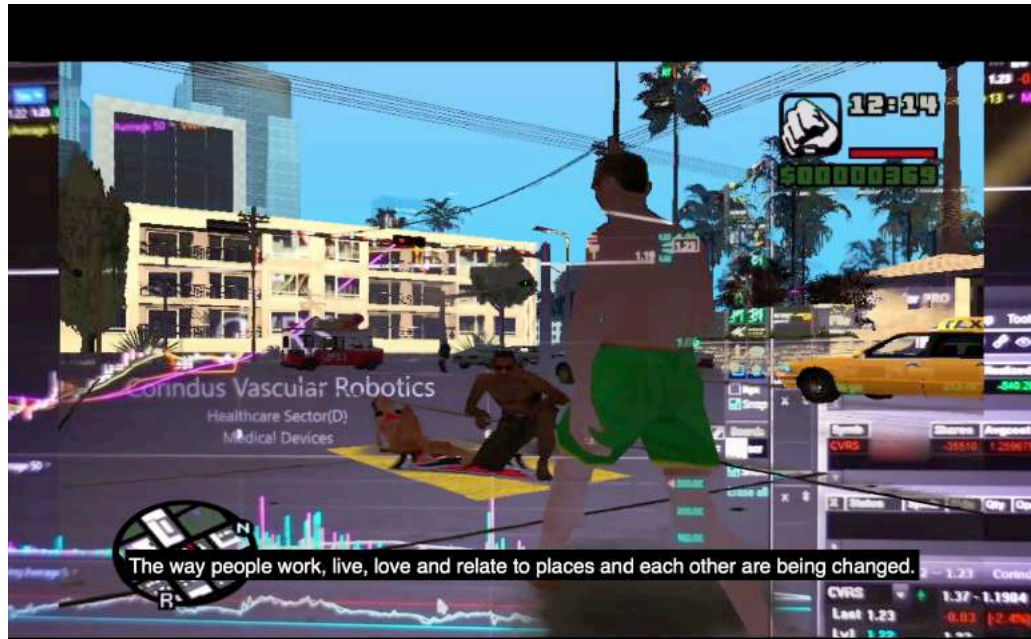
Adafruit FONA 808 - Mini Cellular GSM + GPS Breakout

Passive GPS Antenna uFL - 9mm x 9mm -2dBi gain

Finger Print Scanner







A video has been made to open conversation.

Link to video: [VIMEO](#) [YOUKU](#)



Ting Cheng
Artist

"Safety and security is an issue living on boat. A thief boarded our boat and stole the electricity generator which was chain-locked on the deck. I was on the boat but it's difficult to communicate my location with the police. It would be great in the future if there's a security company serving people who live on canal.

From conversions with potential users, investors and the public, NFA chooses people who live on canal boats as target users to ground the proposal.

There are over 10,000 people live on canal boats in London, over 32,000 boats in the UK. Canal & River Trust is the organisation responsive to license, management, etc. It would be easier to realise the proposal with C&RT rather than with the government.

"Roving Canal Traders Association invites you to our Sunday market at **NFA68A!**"

"A pizza to **NFA9UE** please."

"Would you deliver some coal and diesel to **NFA5DS** please?"

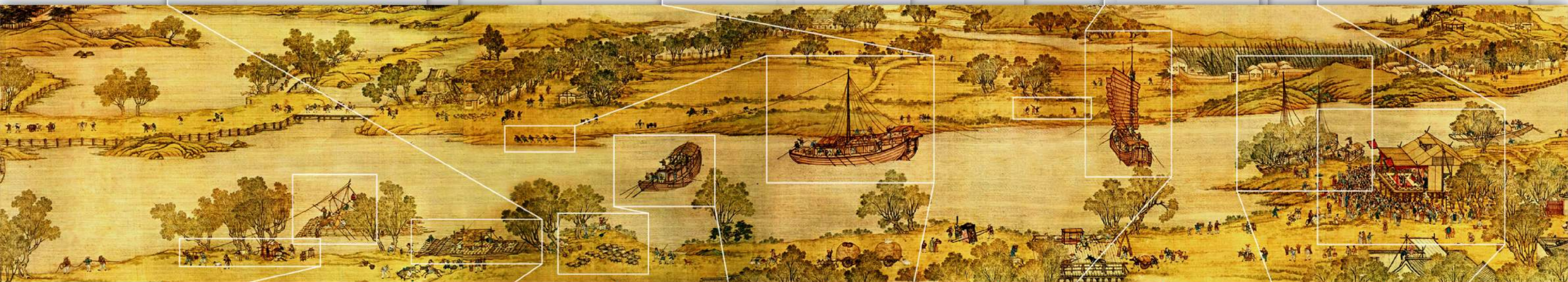
"Need pump out at **NFA2TD.**"

"Officer, someone broke into my boat! **NFA1C3** please help me."

"UBER please take me to **NFA2WS.**"

"Party at **NFA9EP!**"

"History over past 5 years? sure just check **NFA9PQ,** I've been living afloat for over 7 years."



USER ACTION	LIVE AFLOAT	MOORE/UNMOORE	ORDER FOOD/ GROCERIES DELIVERY	BOATING SERVICE	INVITE FRIENDS	VOTE/GOVERNMENTAL DOCUMENTS	MORTGAGE/ INSURANCE
NOW	-Buy license and insurance starts from £750/year		-Communicate with geographical features			-Use family/friend's address -Manually list address history -Proof connection with local society	
with NFA	-Register -Place NFA device in a visible place on boat	-Activate NFA device with finger print	-Use NFA postcode as address			-Use NFA to proof existence	
BACK STAGE	-Background check	-Update GPS location to NFA postcode	-Provide location			-Provide address history and credit rating -Secure data with blockchain	
THIRD-PARTY			-Enter NFA postcode on Navigation App -Find boat with NFA device which works as door plate			-Access database with authority to check credit	

once

every 2 weeks

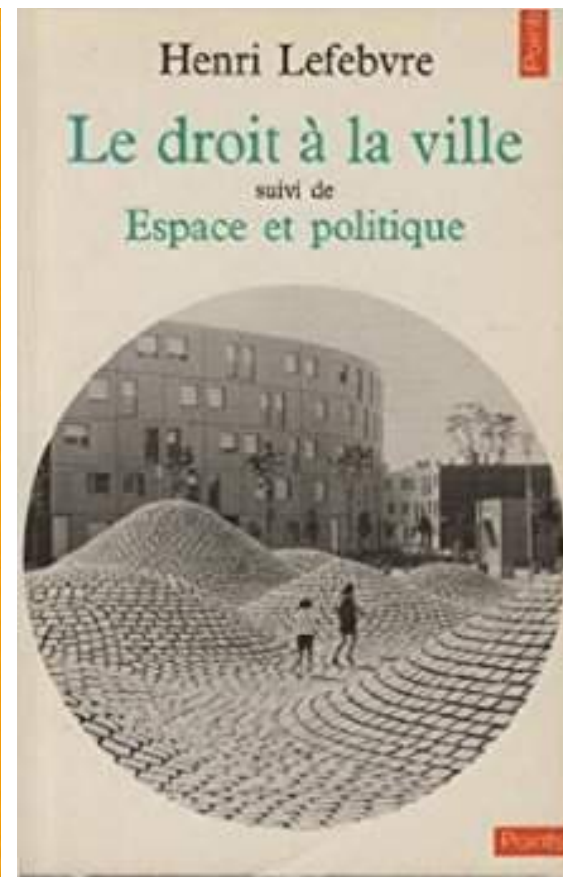
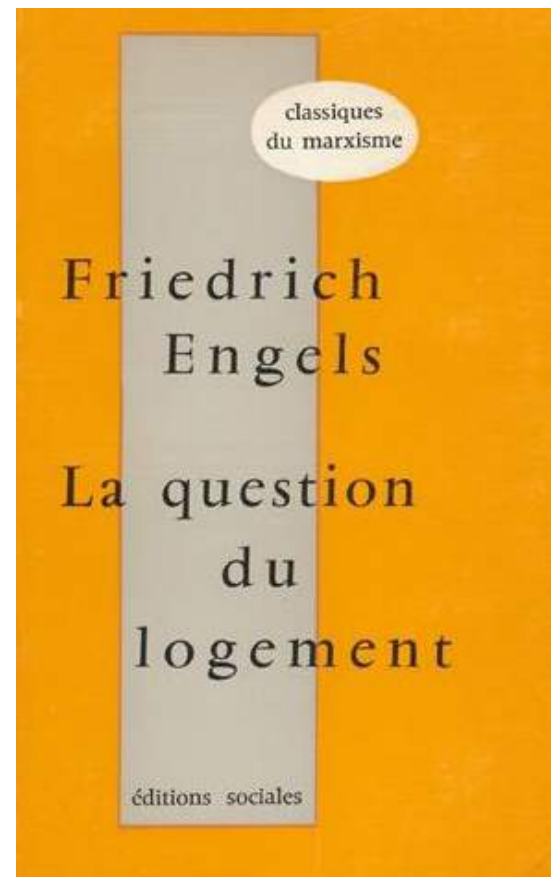
every 1-3 days

every 2-5 years

Canal & River Trust is an ideal partner to collaborate with, they are well-managed and managing rivers and canals. There are many other association related to people live afloat. During my research, I discovered that not everyone agrees with C&RT's management. People question the legal effect of rules set by C&RT, especially on the rule "boats have to move 25miles every 2 weeks".

Before I clearly understand boaters' opinion, the project is paused.





户 口 迁 移 证

苏迁字第 00418431 号

持证人姓名	持证人				
性别	男				
民族	汉				
出生日期	1991年11月3日				
原籍	江苏省南通市				
现居地	江苏省南通市				
学历	大学专科和专科学				
在校情况	在校大学生				
婚姻状况	未婚				
身份证号码					
迁往证明	大中专学生毕业(
原住址	江苏省扬州市开发区施桥集镇委会施桥镇江扬路255号				
迁往地址	江苏省南京市河海大学				
备注	集体户				

注：此证仅作居民迁移户口的证明，不准涂改、转借。遗失须立即报告当地户口登记机关，补发后到达迁入地后，将此证交给户口登记机关，申报户口。

本证 2006年11月15日签发
至 2006年12月15日有效
中华人民共和国公安部制
2005年5月

