The PeepNet Box ®

The idea of Hacking the Environmet
is born to solve one or a handful of problems that
we face in our daily lives.

Hacking a part of environment, goes to figure out
how could we change the way technology usually
has been used.
Its more about use of technology,
than technology itself.

Looking around ourselves, we could find some
missed or ignored parts of the environment,
that could play a more importat role.

Looking for kind of evironmental
issues or problems
during a visiting experience in
Rambla del Poblenou,
located @ east of bcn

The GARBAGE PICKERS,
one of the most vulnurable
parts of Barcelona society

most of BCN garbage pickers
are belonged to the
North-African or
Latin American countries

So what is the problem precisely?

#2
the way the garbage-pickers live,
as one of the most vulnerable
sectors of the society

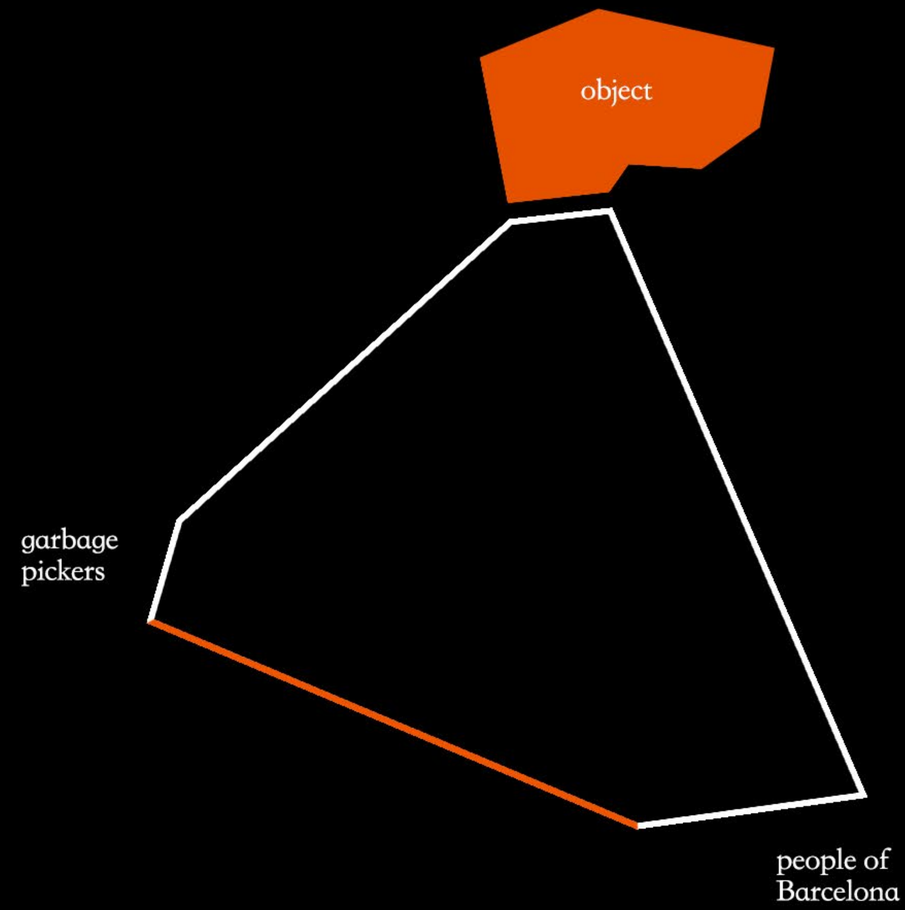
#1
visual pollution &
unappropriate social effects
on people

How to difine general approaches to solve the problem?

1
make them invisible, and take them
out of peoples eyes

2
omit this part of Barcelona society,
and push them to go out of the city or
the country

3
help them, to find their right social position (making the
others aware of them)



Looking for the object to hack ...

1 > old peep box

2 > garbage cans area

The chosen object to hack is the garbage cans area, but since we look for hacking this area through hacking another object called peep box, so in fact, there are two objects that are aimed to be hacked; in order to change the general image of garbage cans and, as well, to make people aware of garbage pickers.

***Peep Box*** can be traced back to early modern times (15th century in Europe, by Leon Battista Alberti) and are known in various cultures.

In brief, it is an exhibition of pictures, objects or people viewed through a small hole or magnifying glass. Though historically a peep show was a form of entertainment provided by wandering showmen, nowadays it more commonly refers to a presentation of a sex show or pornographic film which is viewed through a viewing slot.

20 stes of main trash cans
near the main path of
Rambla del Poblenou
Google earth

How to hack 2 objects?

Step 1 >
changing the function of
traditional peep-box

Step 2 >
putting it
in the garbage cans area

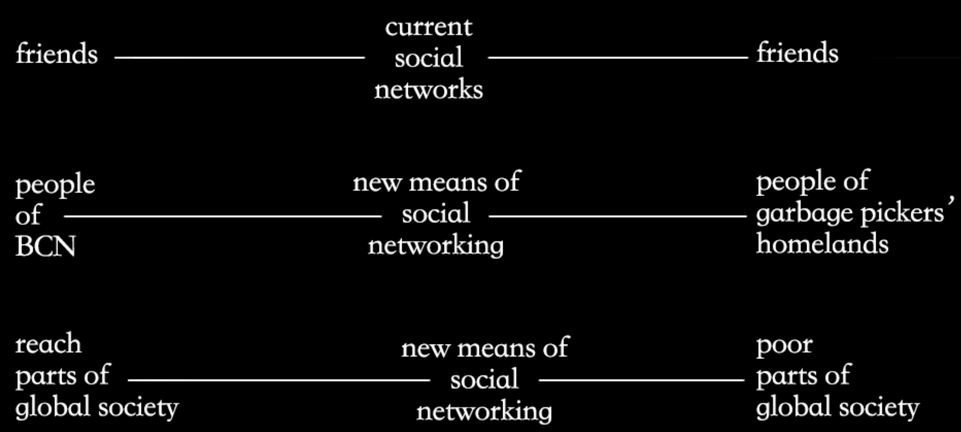
So in this way, the garbage area could have a kind of characteristic to absorb people and make them aware of garbage pickers.

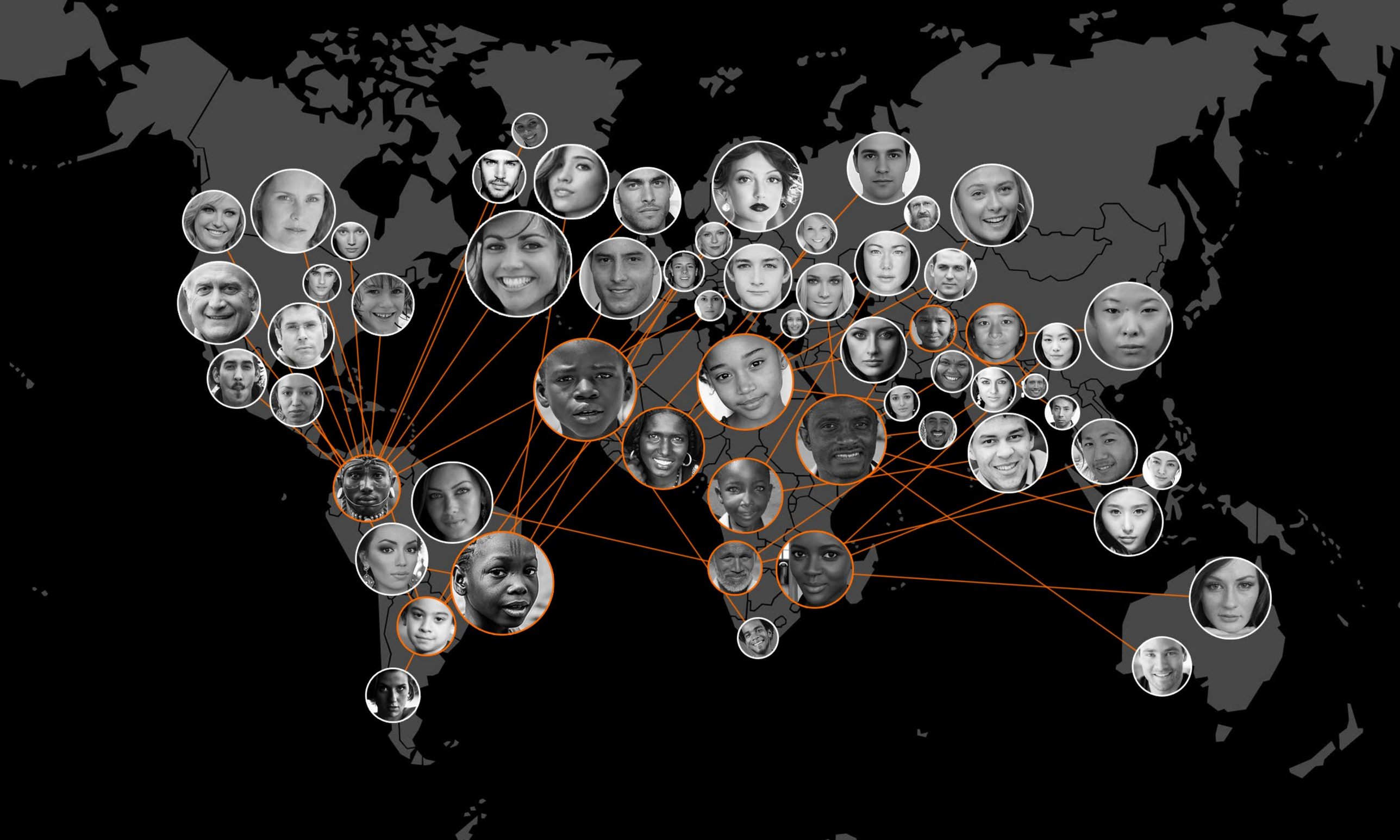
In other words, the meaning and function of garbage cans areas would be changed (in a way to solve the main problem).

What would be the new function of PeepBox?

In the recent years social networks became super-accessible especially through smartphones and personal electronic devices.

So it seems that introducing a kind of
urban device for a special use of
social communication could be a smart way to make
people interact with each other in a more real world.

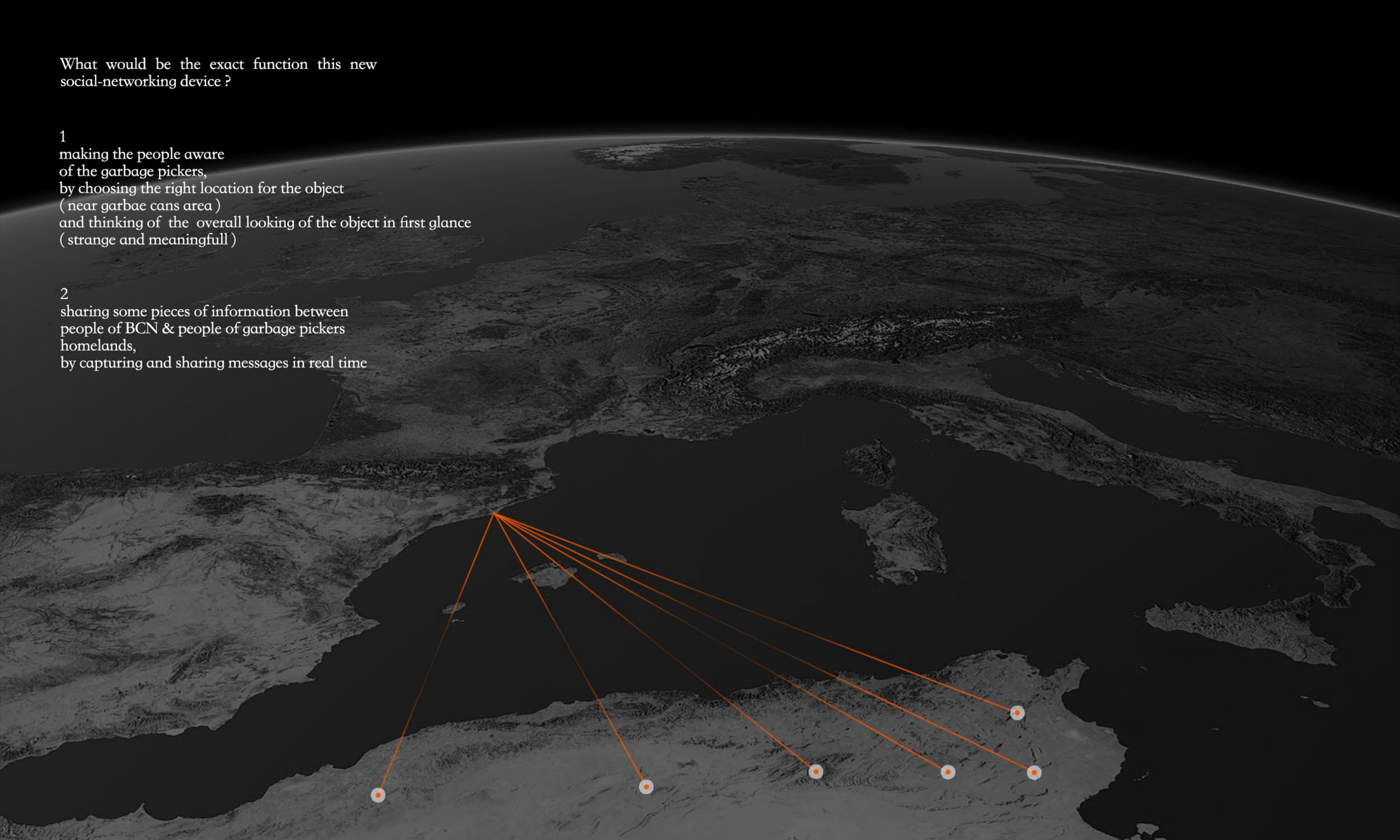




What would be the exact function this new social-networking device ?

1
making the people aware
of the garbage pickers,
by choosing the right location for the object
( near garbae cans area )
and thinking of  the  overall looking of the object in first glance
( strange and meaningfull )

2
sharing some pieces of information between
people of BCN & people of garbage pickers
homelands,
by capturing and sharing messages in real time



recorder interface

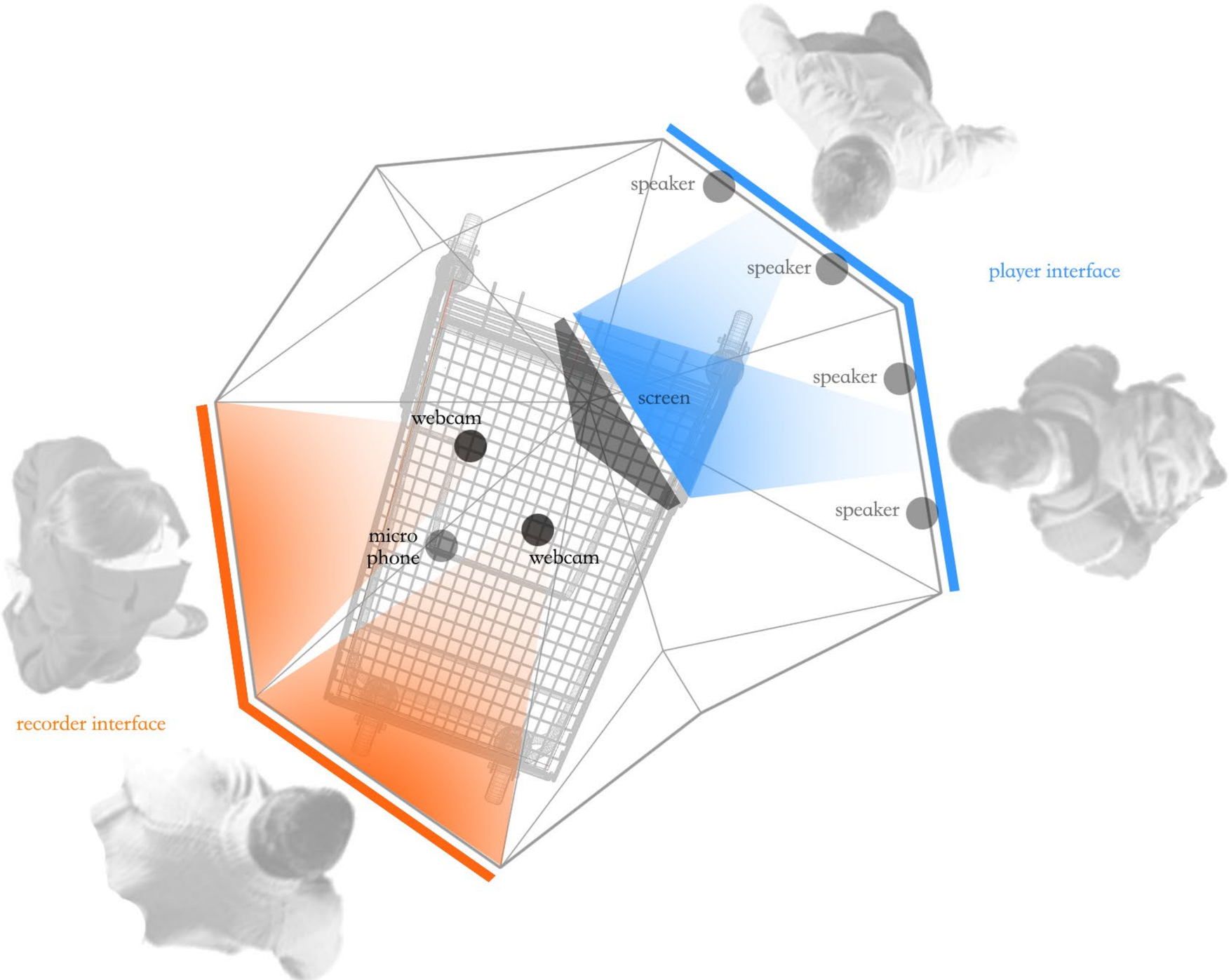
player interface

parts of the
PeepNet Box

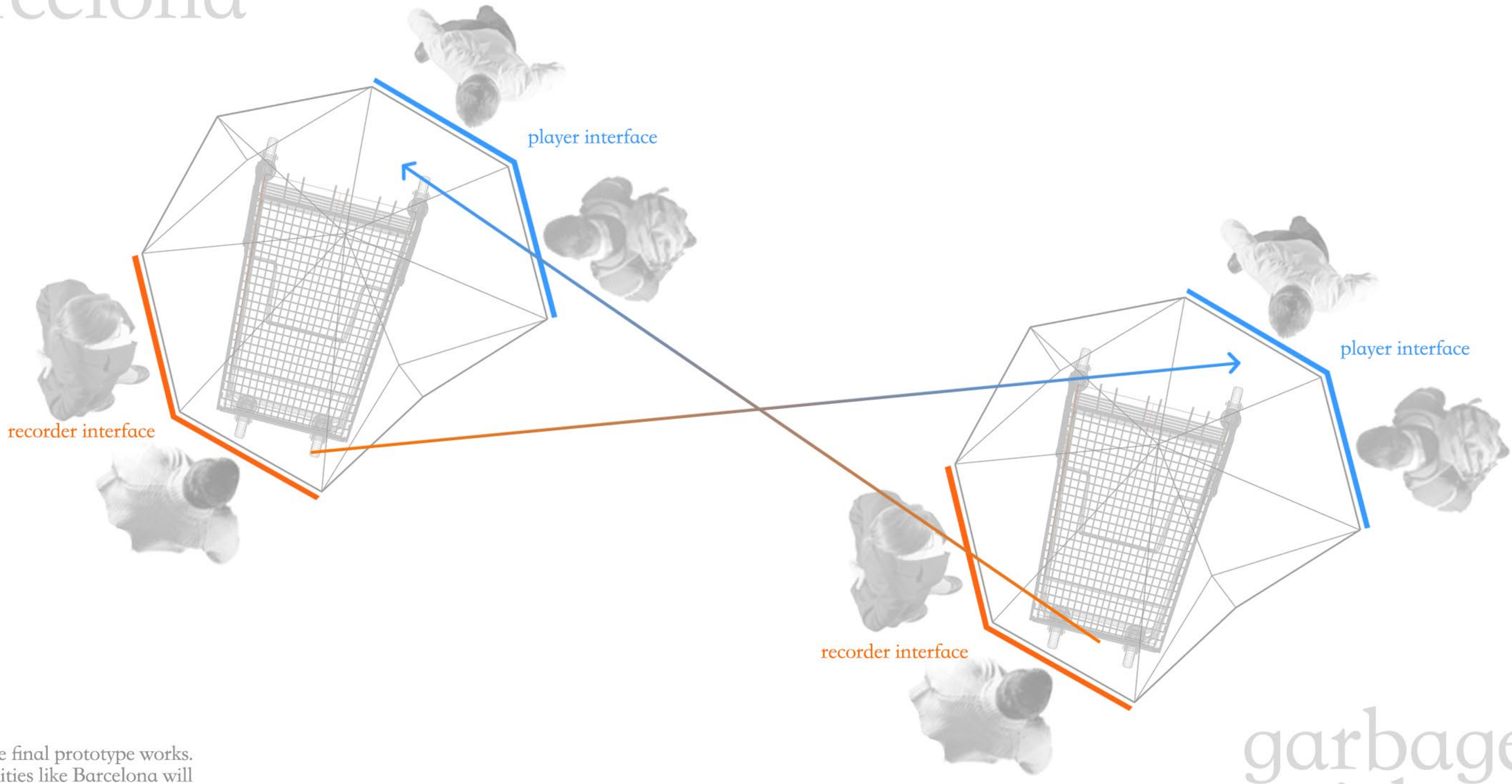
symbolic base

parts of the
PeepNet Box

the final prototype
- top view



# Barcelona




the way that the final prototype works.
People of rich cities like Barcelona will
have some experiences in social networking
by sharing mixed vocal and visional messages
in real time to the poeple of garbage pickers homelands,
and vice versa, through the PeepNet Box,
that will be installed in some parts of these
connecting cities, near garbage cans areas.

# garbage pickers homelands

video mixings and sound capturings
supported by :
Processing + Max 7

·101
0.01

P
0804
GZW
8804
HPM

Institute for advanced architecture of Catalonia

Advanced Interaction Studio
Faculty :
Carlos Gómez

By:
Orion Campos
Mahdi Najafi
March 2015