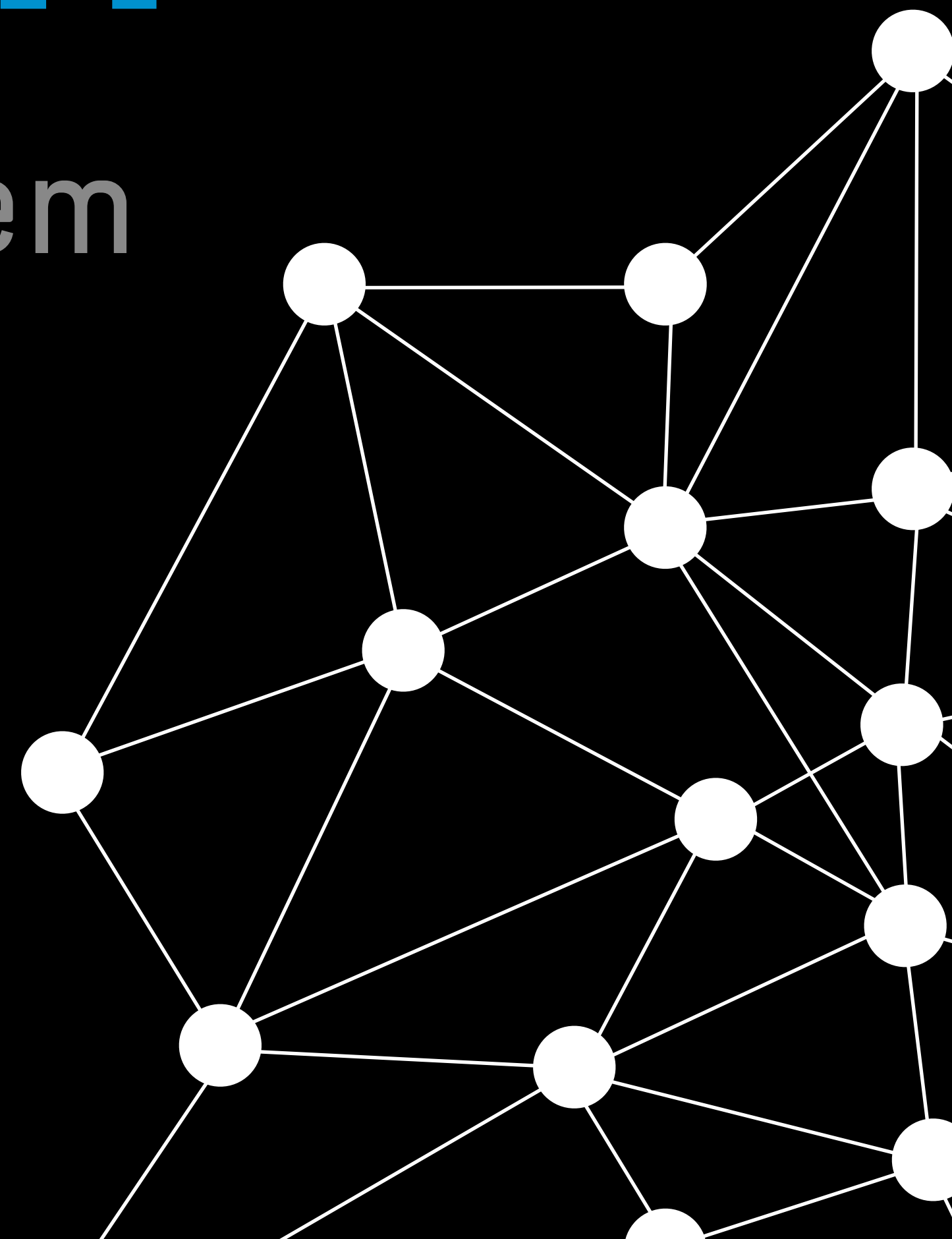


Design Fiction

Design as an early warning system

Prof. Dr. Gesche Joost
Berlin University of the Arts



Design Fiction

Design can imagine and project alternative futures in an experimental and playful way. Through images and prototypes it has the power to envision future scenarios that can create evidence - and may trigger debate in a meaningful way. Design can play an important role in societal discourse: it is not as serious as science and not as down to earth as politics. It can be nasty, push the boundaries of imagination, it can exaggerate and be ironic - and therefore act as an early warning system for our society.

Robots

We are currently facing tough questions like:
How do we want to live together with robots?
Will they replace us? Do we trust them?
These questions are as old as the first robots
appeared on fun fairs -
like the chess-playing turk in the late 18th century.

Robots



summer scouts measures emotional contentedness in vienna, e.g. tracing levels of sunscreen in the pool, tracking fresh air exposure through tram windows, measuring barbecue smoke wafting through the air



BUG SCOUT REPORTS:
>100 MOSQUITOES/M³ SINCE 5:10PM



POLLEN SCOUT REPORTS:
> 210 PARTICLES SINCE 1PM
LIME TREE IN FLOWER.



SOUND SCOUT REPORTS:
> AVG. 64 DB(A)
> 24 RELEVANT HIGH PITCH SOUNDS
WITHIN ONE MINUTE



SMOKE SCOUT REPORTS:
> AVG AMOUNT OF PARTICLES: 17 µG/M³
CRITICAL VALUE EXCEEDED

Cyborgs

Who can draw the line between robot and human? Is there any distinction left between „nature“ and „technology“?

Bruno Latour argues there isn't - the purification of distinct categories has always been a modernistic endeavor.

We have always been Cyborgs, as Donna Haraway states in the 1980ies.

Cyborgs

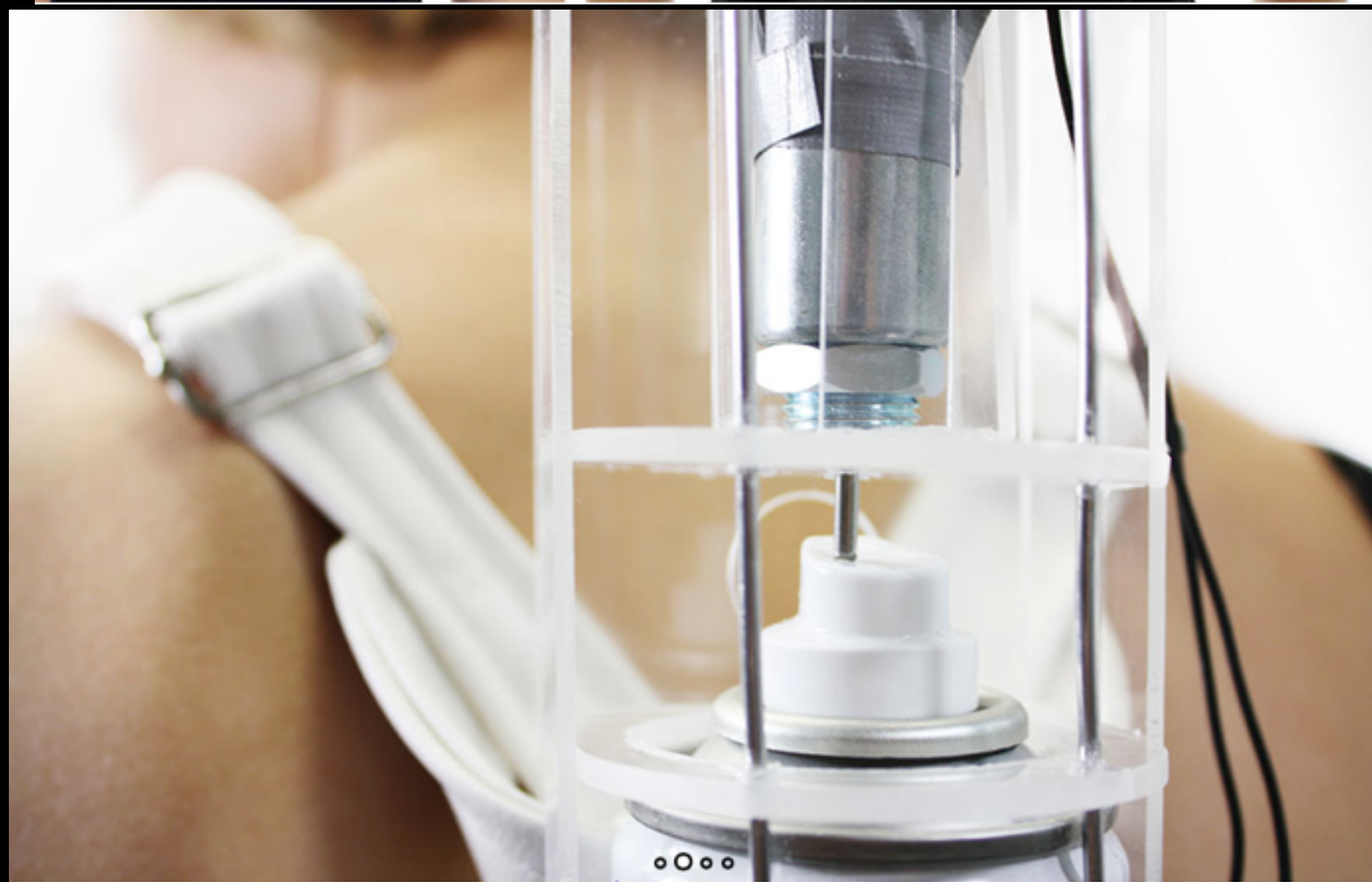


Synthetic Empathy: Susanna Hertrich

Shock device > coldness as an experience of fear
This device allows for the evocation of shivers through the release of an ice spray on the user's back.

Panic device > constraint as an experience of panic.
A motorized contracting rig to press on diaphragm, simulating a panic-like constraint of breathing.

Grief device > Lachrymatory excitation (tears) as sorrowful experience. The third device is a lachrymatory actuation system, causing tears in the users eyes. This is achieved through an amulet which contains a freshly cut onion.



Our Data

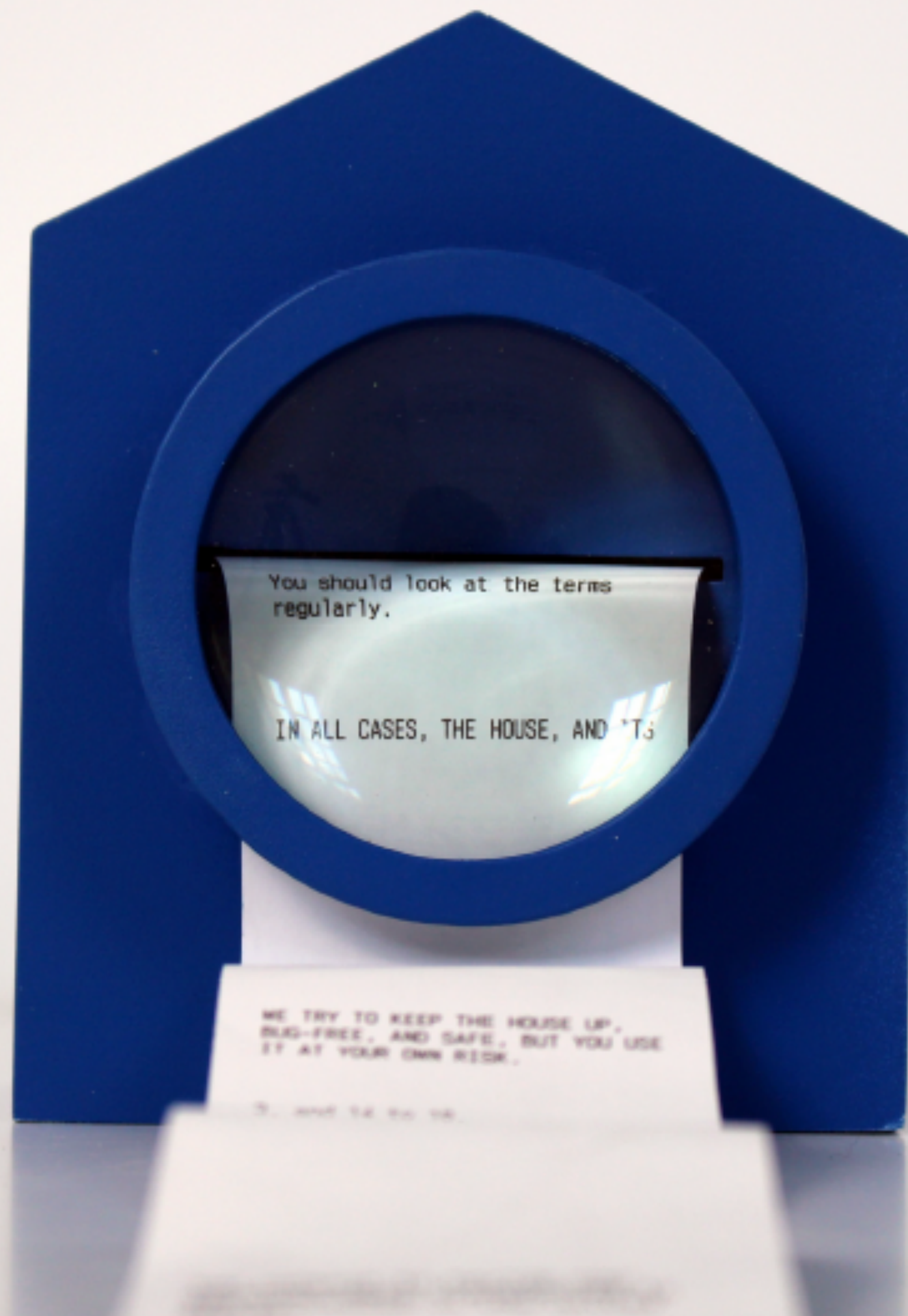
We all know: we pay with our data, we are traced based on our data, companies are creating profiles about us based on our data. But what are the societal and political implications? What can we do to regain our digital sovereignty?

Our Data

We constantly accept the terms of the digital services we use, even without reading them. How will this look like when these services are part of our everyday life? Will our house have terms? Will we still have the chance to decline these services?

The ToS printer prints automatically the Terms and Conditions of every device that connects to the home network. As the printer has no accept or reject button anymore, it points at some of the challenges we might encounter in the adoption of pervasive technologies in the home. Thus, the artefact serves as a tool to discuss the conditions in which we want to adopt technology in our everyday lives.

Our Data



<http://objects-of-research.iohanna.com>

MA Project, Iohanna Nicenboim

Our Data

The screenshot shows a GitHub repository page for 'Terms-of-Service' by user 'iohannanicenboim'. The repository is part of the 'Objects of Research' project. It features 3 commits, 1 branch, 0 releases, and 1 contributor. The main file is 'ToS file', updated 27 days ago. The README.md file is also updated 27 days ago. The repository description states it is a collaborative tool for discussing the terms of service of the Internet of Things, part of an MA thesis. The page includes navigation links for Code, Issues, Pull requests, Wiki, Pulse, Graphs, and Settings. The HTTPS clone URL is provided as 'https://github.c...'. The repository is currently on the 'master' branch.

iohannanicenboim / **Terms-of-Service** Unwatch 1 Star 1 Fork 0

Part of the project Objects of Research. A tool to discuss the rights and ethics of the Internet of Things — Edit

3 commits 1 branch 0 releases 1 contributor

Branch: master Terms-of-Service / +

File	Commit	Update
iohannanicenboim ToS file	cd3ec19	27 days ago
IoT terms of service	ToS file	27 days ago
README.md	First update	27 days ago

Terms of Service

This repository is a collaborative tool for discussing the terms of service of the Internet of Things. The project is part of the MA thesis called "Objects of Research": <http://objects-of-research.iohanna.com/>

HTTPS clone URL
`https://github.c...`

You can clone with HTTPS, SSH, or Subversion.

Our Data

*This ~~license~~ **services** continues
even if you stop using our
~~services~~ **license**.*

Our Data

*We ~~collect~~ **sell** information when you visit or use third-party websites and apps that use our Services.*

Our Data

If you do not agree to the modified terms for a Service, ~~you should discontinue your use of that Service~~ don't hesitate to contact us, we will find a solution everyone can live with.

Our Data

~~We may stop providing Services to you, or add or create new limits to our Services at any time. F*ck u~~

Design Fiction

Design reflects on current topics like the battle between man and machine, technology becoming an inherent part of our body or the potentials of data sovereignty. Through creating (fictional) objects Design can project future possibilities - it shows the „what if...“.

Design Practice

When it comes to Practice, Design can play the role of an enabler. It can enable people to reflect on future processes and consequences, it can enable participation in decision making and include people who might have been left behind.

Social - Digital

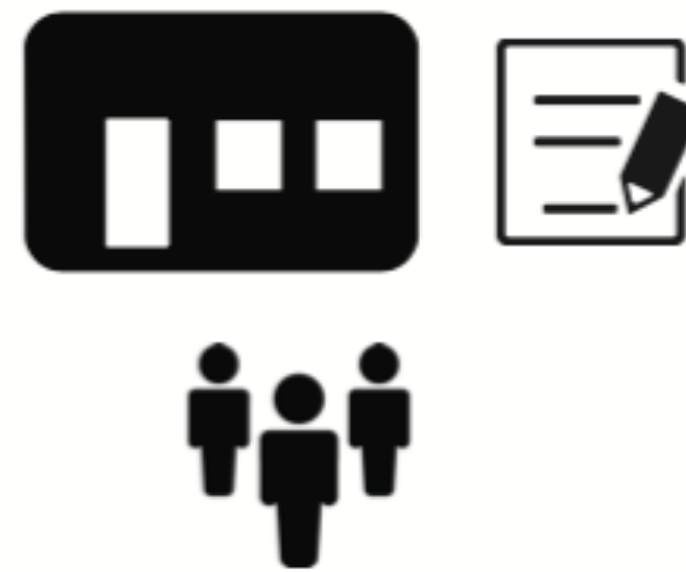
Open Source



Scalable



Digital Tools
for re-use



Living Labs



Networks of
Networks

Community now

Living Lab





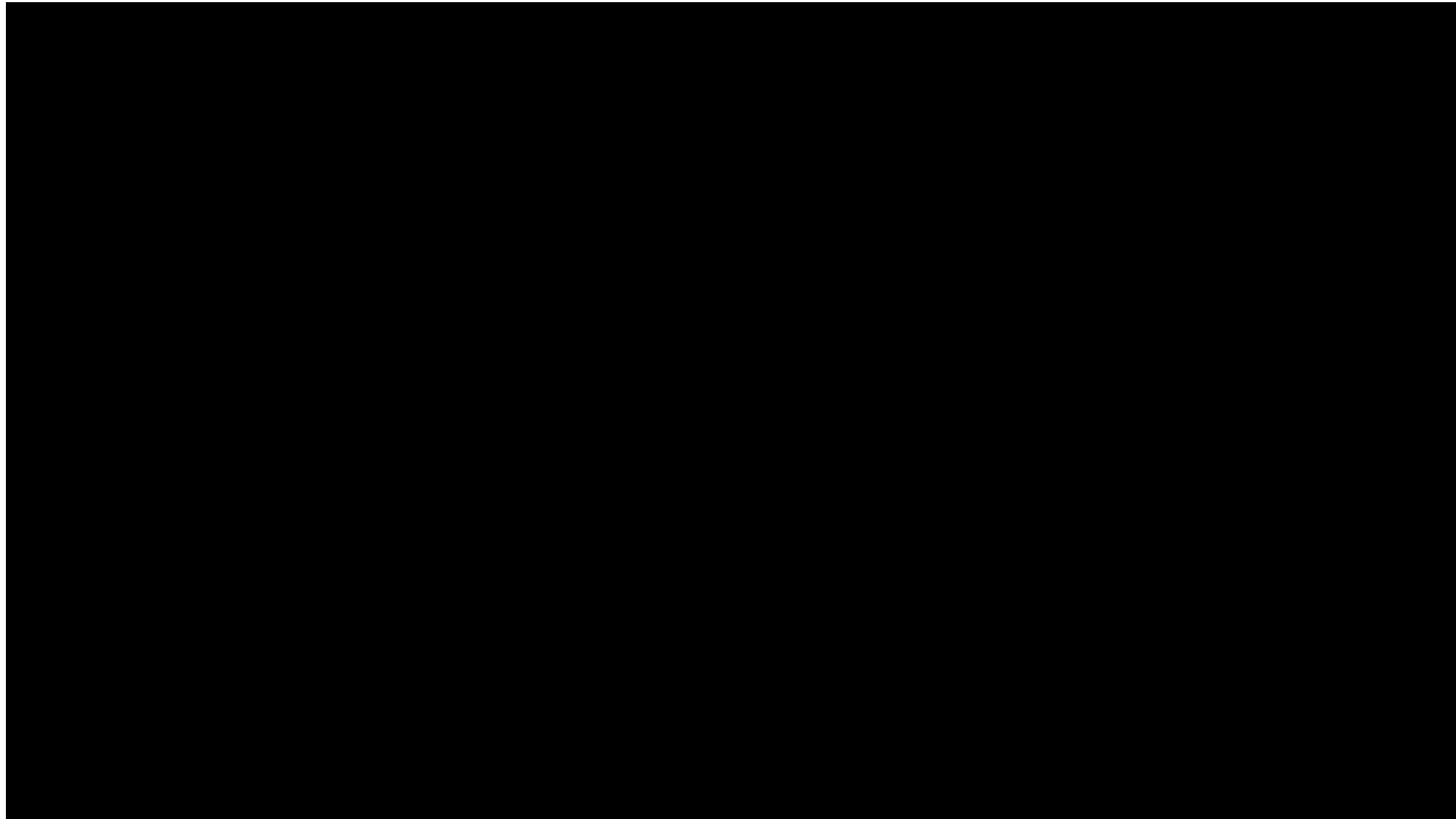
WHAT I WOULD LIKE TO CHANGE IN MY NEIGHBOURHOOD:

"10 A world without bathroom doors."

"11 The playgrounds have to be renewed."

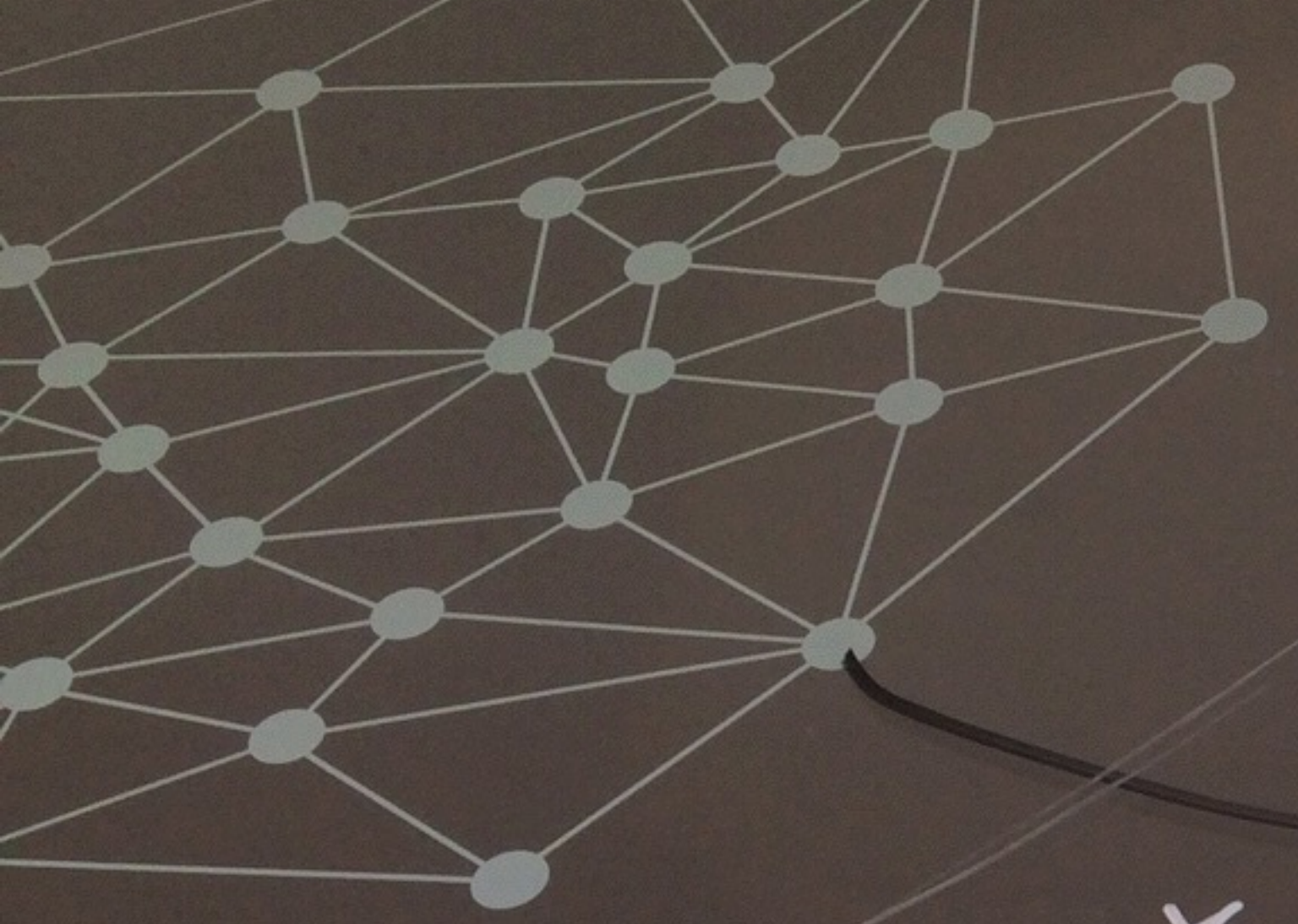
HYBRID LETTER BOX

»Hybrid Letterbox«, Design Research Lab





»Hybrid Letterbox«, Design Research Lab



Scalability?

Co-profit & non-profit

COMMUNITY NEIGHBORHOOD

Conflicts
Disruptions

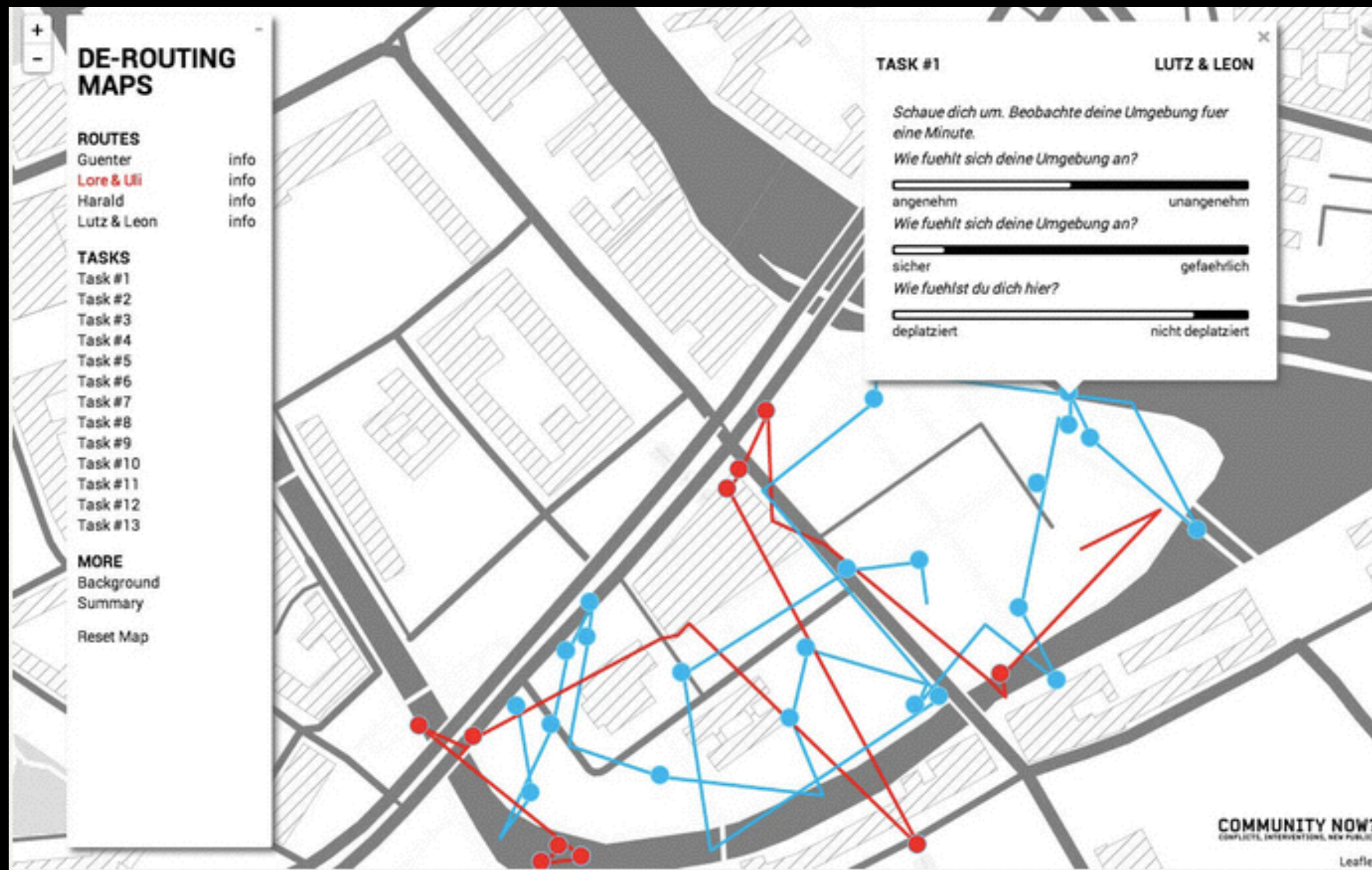
diversity

same

* Don't
neighborhood
meet us!

same

TOOLS



DE-ROUTING MAPS

ROUTES

test	info
the great group	info
Michal	info
Group5	info
hagrotbi	info
ravit franka hila bridget	info

TASKS

- Task #1
- Task #2
- Task #3
- Task #4
- Task #5
- Task #6
- Task #7
- Task #8
- Task #9
- Task #10
- Task #11

MORE

- Background
- Summary
- Reset Map

HAGROTBI

TASK #1

Make 5 pictures that are relevant to social life in this space.

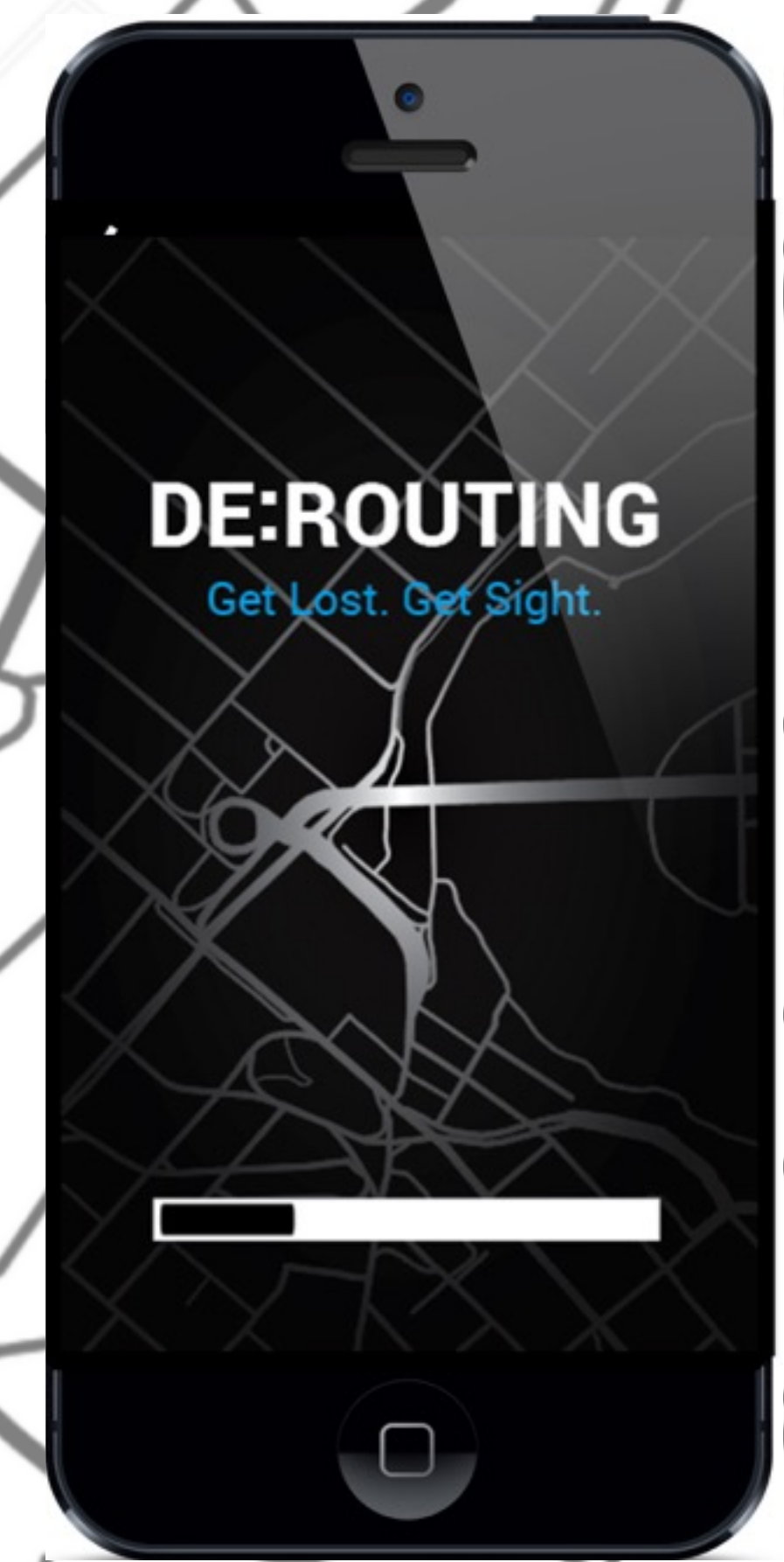
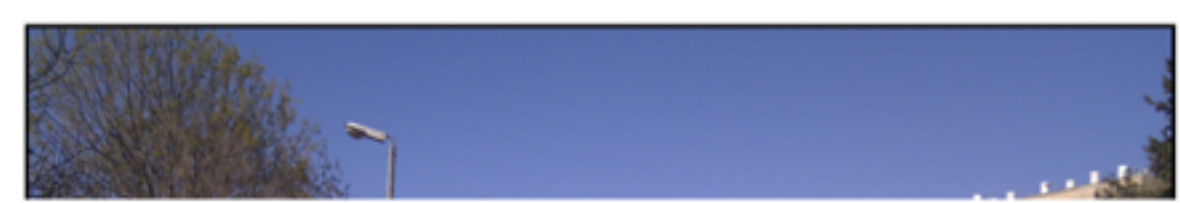
Take Picture 1



Take Picture 2



Take Picture 3



<http://farseer.de/cultural-probe/map/#exploration/30>

»DURCHGÄNGIG
BELEUCHTETE
LÄDENFLÄCHEN«
#47 #CHANGE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»ICH MÖCHTE GERN,
DASS ES HIER EIN
GYMNASIUM
ENTSTEHT.«
#53 #CHANGE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»ICH MAG DEN
MEHRINGPLATZ,
WEIL ICH HIER SO
VIEL ERLEBT HABE.«
#2 #LIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»ICH WÜRD GERN
DIE BLUMEN AUF ALLE
BALKONE VERTEILEN.«
#56 #CHANGE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»DEN ENGEL MAG ICH,
WEIL SIE EINE ZENT-
RALE IDENTIFIKATION-
FIGUR DARSTELLT«
#16 #LIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»ANFANG FRIEDRICHSTRASSE,
NICHT EINLADEND.«
»ICH MAG DIE EINKAUF-
PASSAGE SEHR – VOR
ALLEM WENN DER
MARKT DORT IST.«

#27 #DISLIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»DAS MAG ICH NICHT,
WEIL ES ZU VIELE
MENSCHEN KRANK
MACHT« #33 #DISLIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»CONTINUITY
TO PROJECTS«
#50 #CHANGE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»I LIKE THE MULTI-
CULTURAL BACK-
GROUND OF THE
CITY« #6 #LIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»I LIKE THE IDEA OF
TASTING THE
REPRESENTATIVE
FLAVOURS OF THE
NEIGHBOURHOOD«
#5 #LIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»DAS MAG ICH NICHT, DA ES
EIN UNNÜTZLICHER DUNKLER
DURCHGANG IST.«
»ICH MAG ES GERADE, WEIL
MAN SO GUT VERSTECKEN
DORT SPIELEN KANN.«

#34 #DISLIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»IN DIESEM TEIL VOM
INNENKREIS IST ES
LANGWEILIG UND
TEILWEISE ÄNGST-
EINFLOSSEND.«
#20 #DISLIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»DAS CAFÉ MADAME
IST EIN SCHÖNER
TREFFPUNKT IM
KIEZ.« #10 #LIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»GARBAGE
ACCUMULATION.«
»ICH LIEBE DIESE
HAUFEN, DORT
KANN MAN IMMER
REINSPRINGEN!«

#25 #DISLIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»MEHR AKZEPTANZ
FÜR NEUES.«
#41 #CHANGE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

»DRUGS
FACILITATION
HÖTSPOTS«
#39 #DISLIKE

DU BIST ANDERER MEINUNG? DANN SCHREIBE DEINE MEINUNG AUF EINE KARTE UND WERFE SIE IN DIE BOX ODER SCHREIBE UNS EINE E-MAIL AN PINPOINTING@DRLAB.ORG.

COMMUNITY WIRELESS NETWORK







Challenges

- Not only including the „digital elite“
- Creating inclusive interfaces
- Bridging the gap between analogue and digital
- Shifting the authorship to local actors
- Creating interfaces between local and global
- Designing scalable tools and processes (open source)

Design Fiction and Practice

Design can act as a social catalyst and trigger discourse and action:

- through its fictional power projecting possible futures
- through its practical power as a tool and enabler

It can act as a third power between science and politics, between people and technology.

By focusing on its responsibility and power within our society it can reinvent itself.

www.drlab.org

Twitter: @GescheJoost

transdisziplinäre
multimedial

Is
strahl

ZUSAMMEN-
BRINGEN

Altenhilfe
+
Kommunikation
+
Kultur

ZIELE

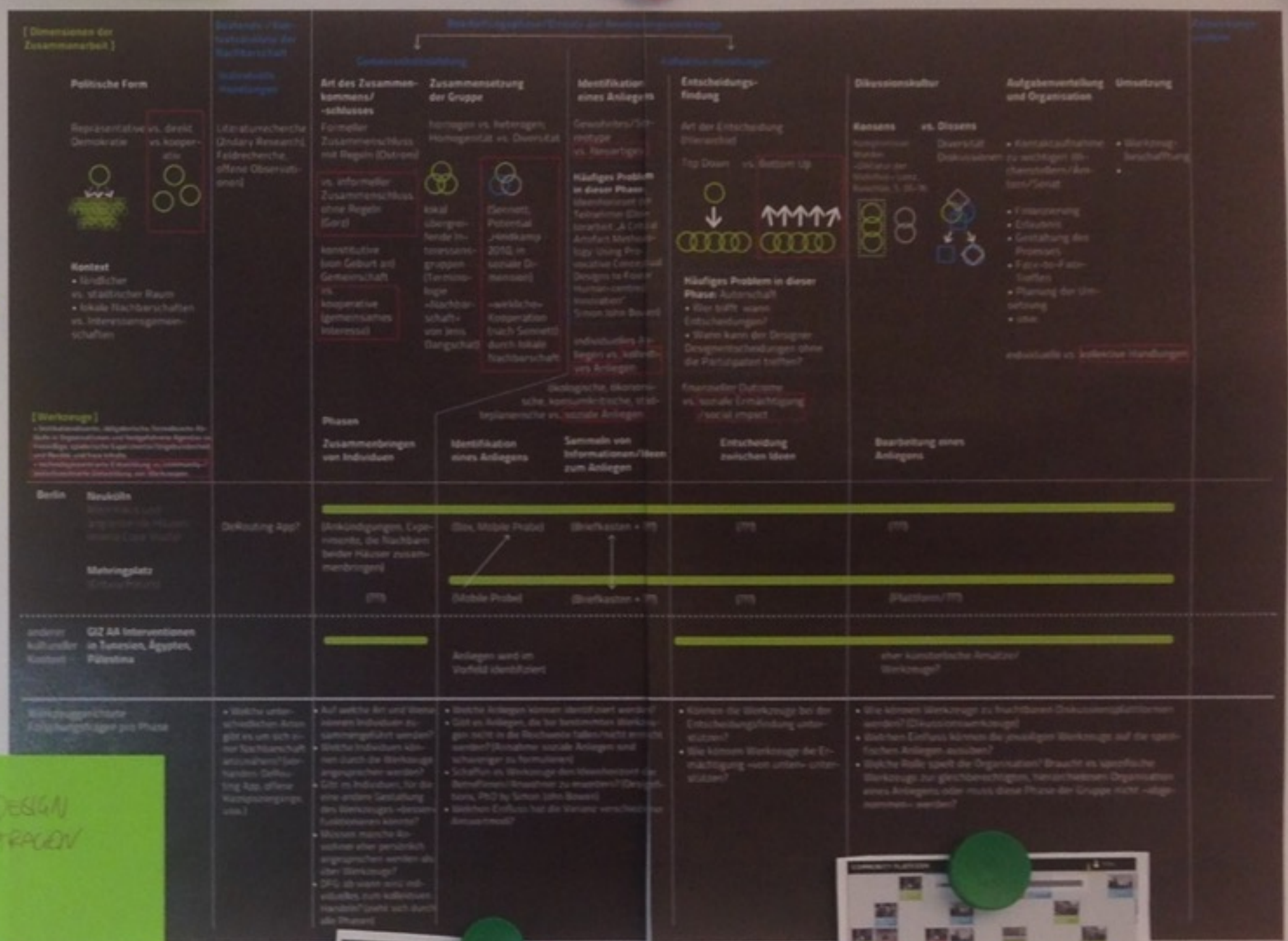
Sachen

Vertrauen

Design
Research
Lab

Miteinander "Lebensqualität
& gesellschaftl. Teilhabe
verbessern"

aus techn. & soziale Innovationen

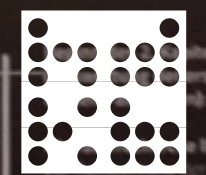


"0" ANALYSE
DER
NACHRE-
SCHAF

DESIGN
PROZESS

BEI
PROZESS
DESIGN
PROZESS
DESIGN
PROZESS
DESIGN

IDENTIFIZIEREN
+
BAREITEN



Universität der Künste Berlin