



HACK PROJECT

CITYXCITIZEN

PROBLEM IDENTIFICATION

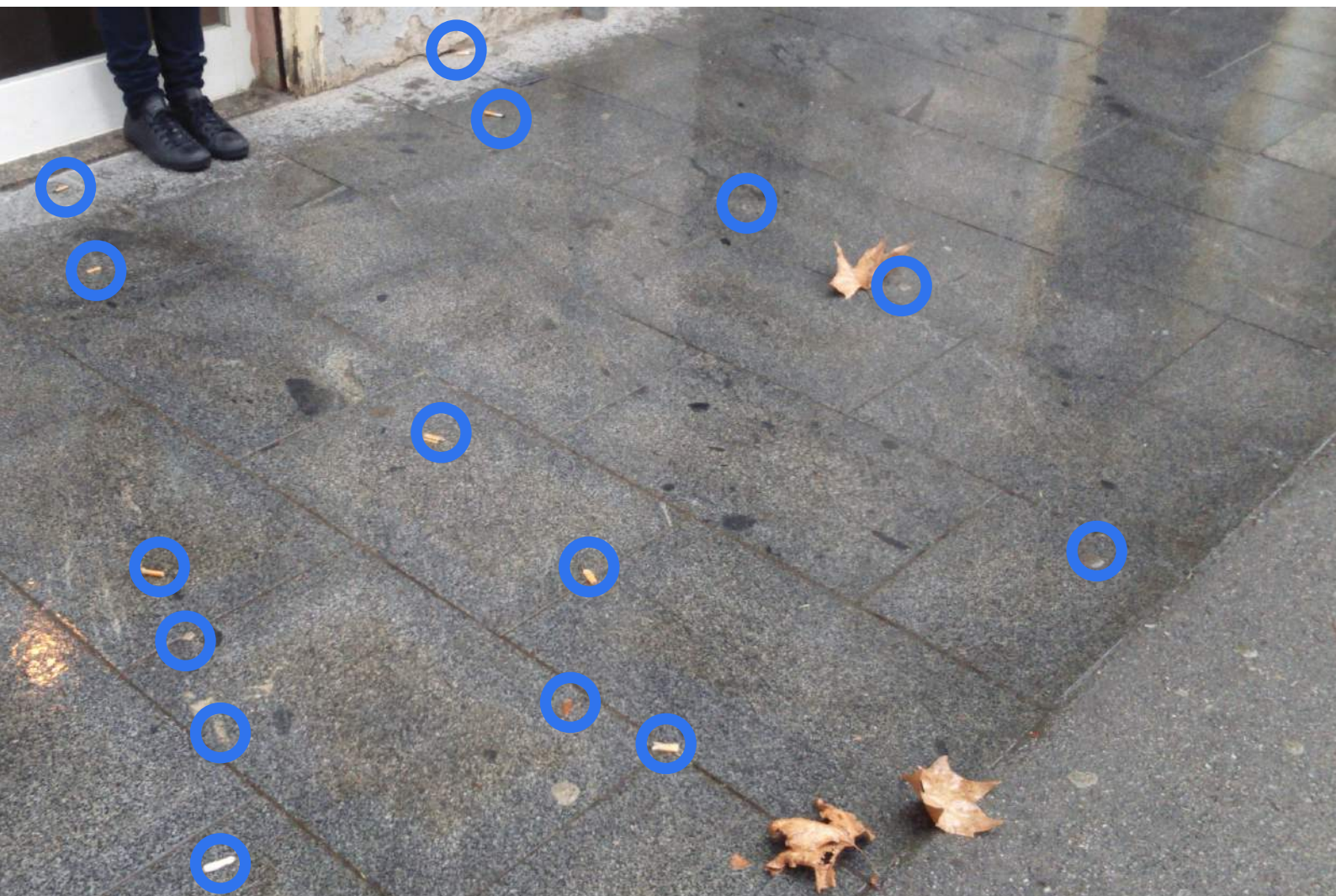
CITYXCITIZEN





SMALL FOR CITIZEN BIG ENOUGH FOR THE CITY

1 x 2 meter



15 cigarette butts

SOMEHOW PEOPLE DON'T KNOW

Top 10 Marine Debris Items

RANK	DEBRIS ITEM	NUMBER OF DEBRIS ITEMS	PERCENTAGE OF TOTAL DEBRIS ITEMS
1	Cigarette Filters	3,216,991	28%
2	Plastic Bags	1,377,141	12%
3	Food Wrappers	942,620	8%
4	Caps, Lids	937,804	8%
5	Plastic Bottles	714,892	6%
6	Paper Bags	530,607	5%
7	Straws	509,593	4%
8	Cups, Plates, Cutlery	441,053	4%
9	Glass Bottles	434,990	4%
10	Beverage Cans	401,412	4%
	Top 10 Total Debris	9,507,103	83%
	Total Debris Worldwide	11,439,086	100%

oceanconservancy.org

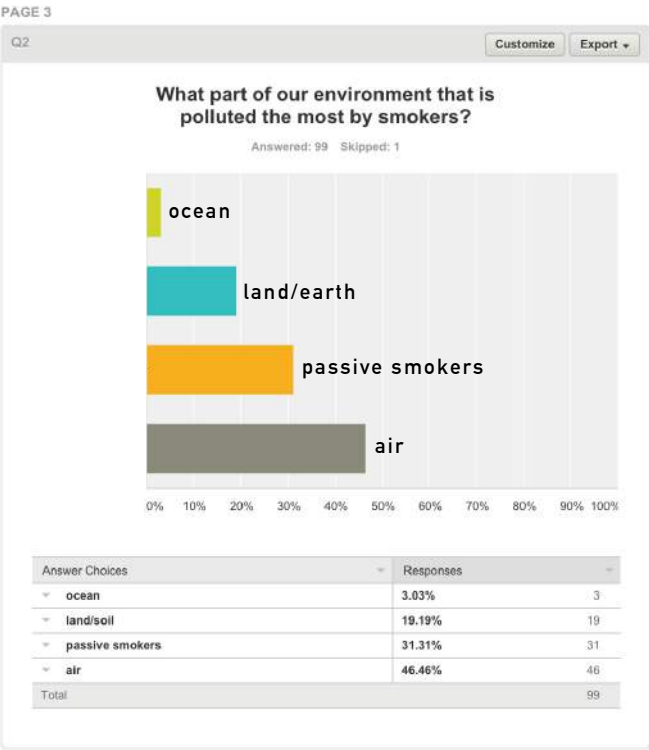
How Litter Travels To The Ocean



<https://www.youtube.com/watch?v=DtfAhy2lgAA>



Survey Question 1



Survey Question 2

SOMEHOW PEOPLE DO KNOW

Filters Don't Have Actual Proven Health Benefits



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The Free Encyclopedia

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Cigarette filter

From Wikipedia, the free encyclopedia

Cigarette filters are intended to reduce the amount of smoke, [tar](#), and [fine particles](#) inhaled during the [combustion](#) of a [cigarette](#), but have no actual proven health benefits. Filters also reduce the harshness of the smoke and keep tobacco flakes out of the smoker's mouth.^[1]

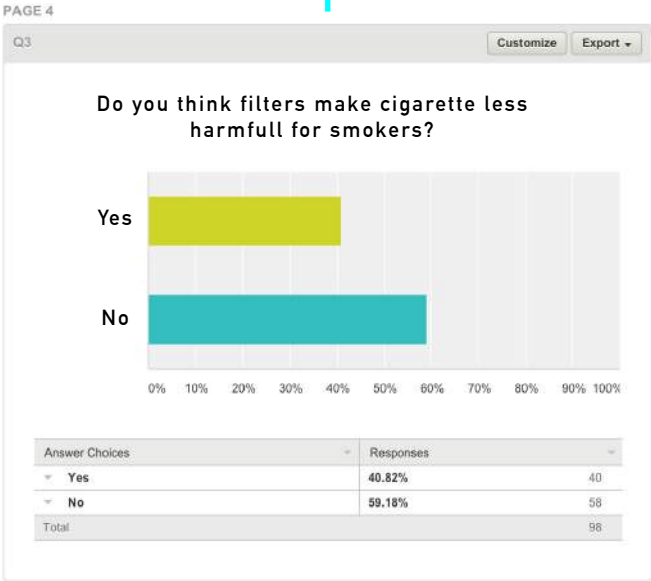
Contents [hide]

- 1 History
- 2 Manufacture
- 3 Light cigarettes
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Filters in a new and used cigarette

<https://www.wikipedia.org>



Survey Question 4

Why do you prefer/not prefer to use filters?

Responses (92) Text Analysis My Categories

Categorize as... Filter by Category Search responses

Showing 92 responses

Better taste
1/19/2015 2:07 PM View respondent's answers

Because I don't get any of the tobacco in my mouth
1/19/2015 2:04 PM View respondent's answers

ITS THE WAY THEY ARE SELLLED
1/19/2015 1:54 PM View respondent's answers

1/19/2015 1:44 PM View respondent's answers

1/19/2015 1:44 PM View respondent's answers

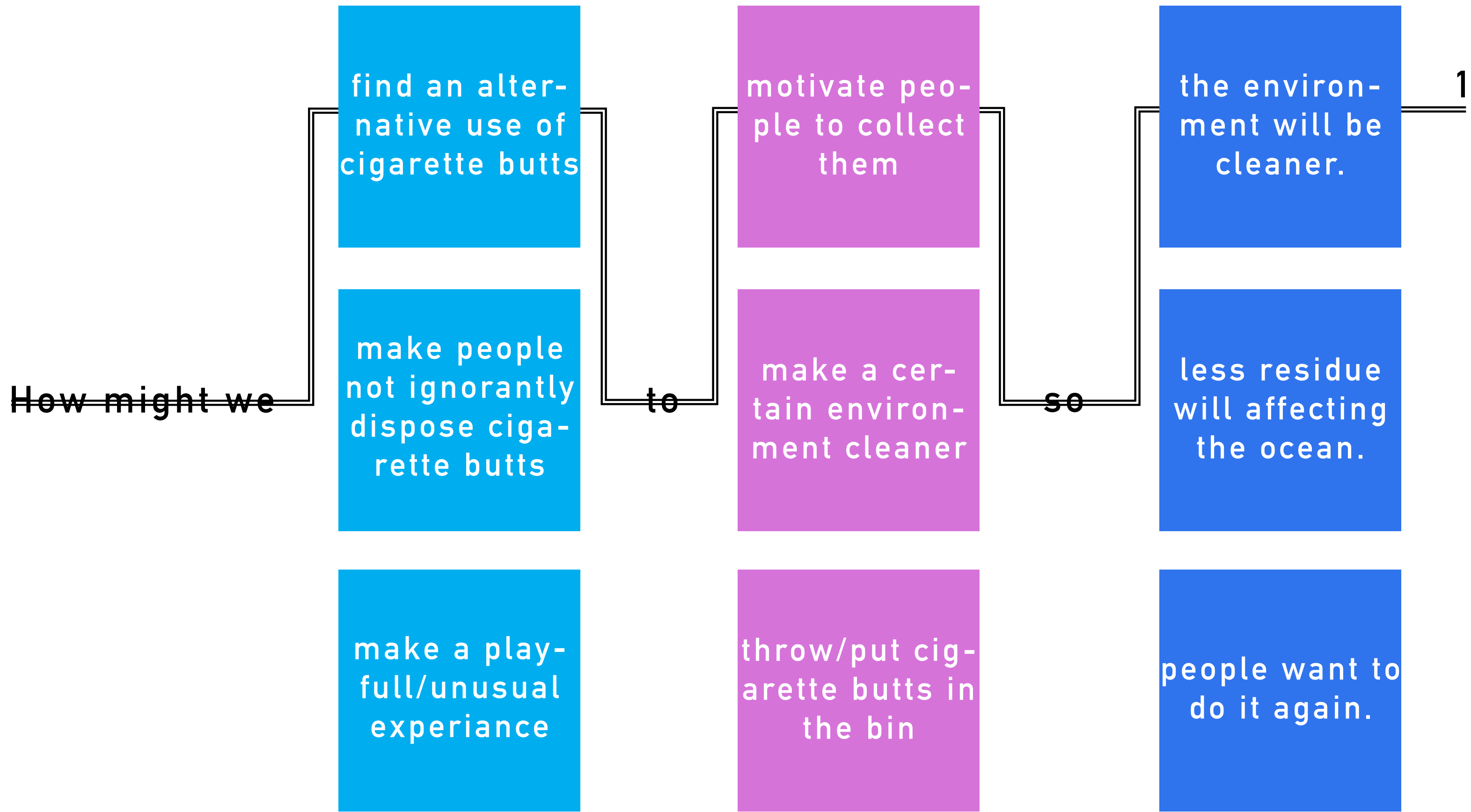
“ Is community a subject that we design

OR

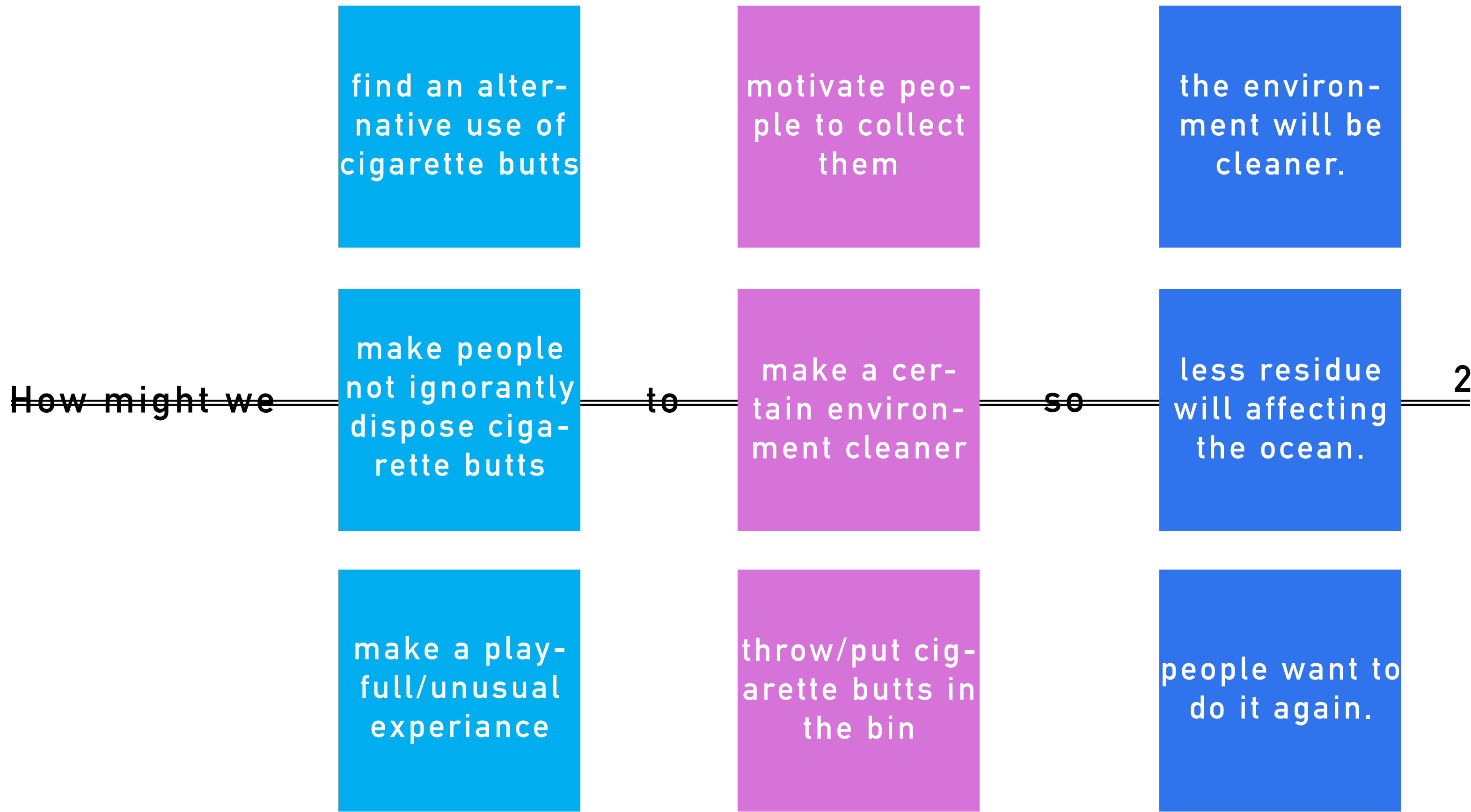
a mutual partner that we co-design with? ”

Urban Interaction Design Towards City Making (UrbanIxD.eu)

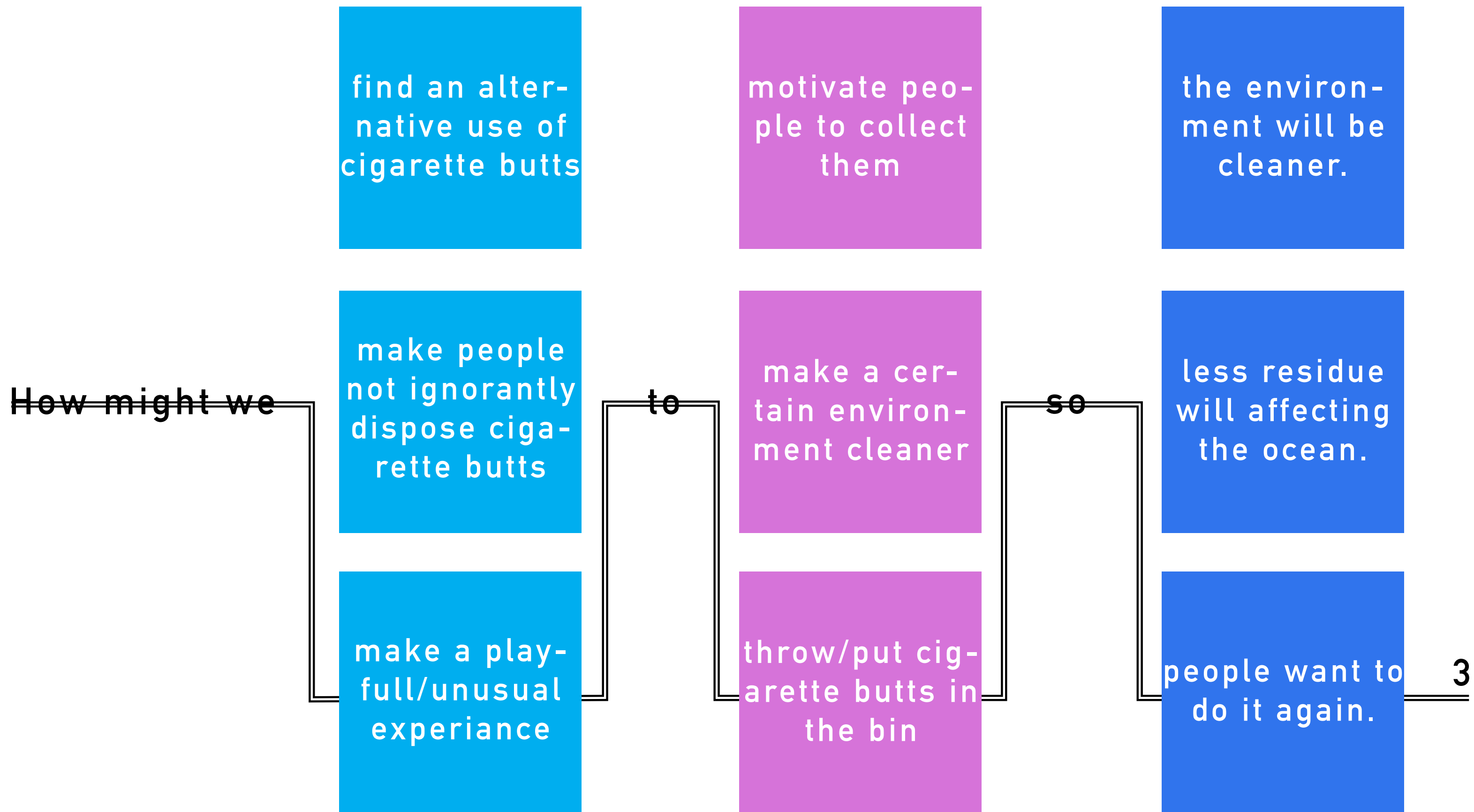
DESIGN THINKING PROCESS



DESIGN THINKING PROCESS



DESIGN THINKING PROCESS



DESIGN THINKING PROCESS

How might we

find an alternative use of cigarette butts

make a playful/unusual experience

to

make people not ignorantly dispose cigarette butts

throw/put cigarette butts in the bin

so

motivate people to collect them

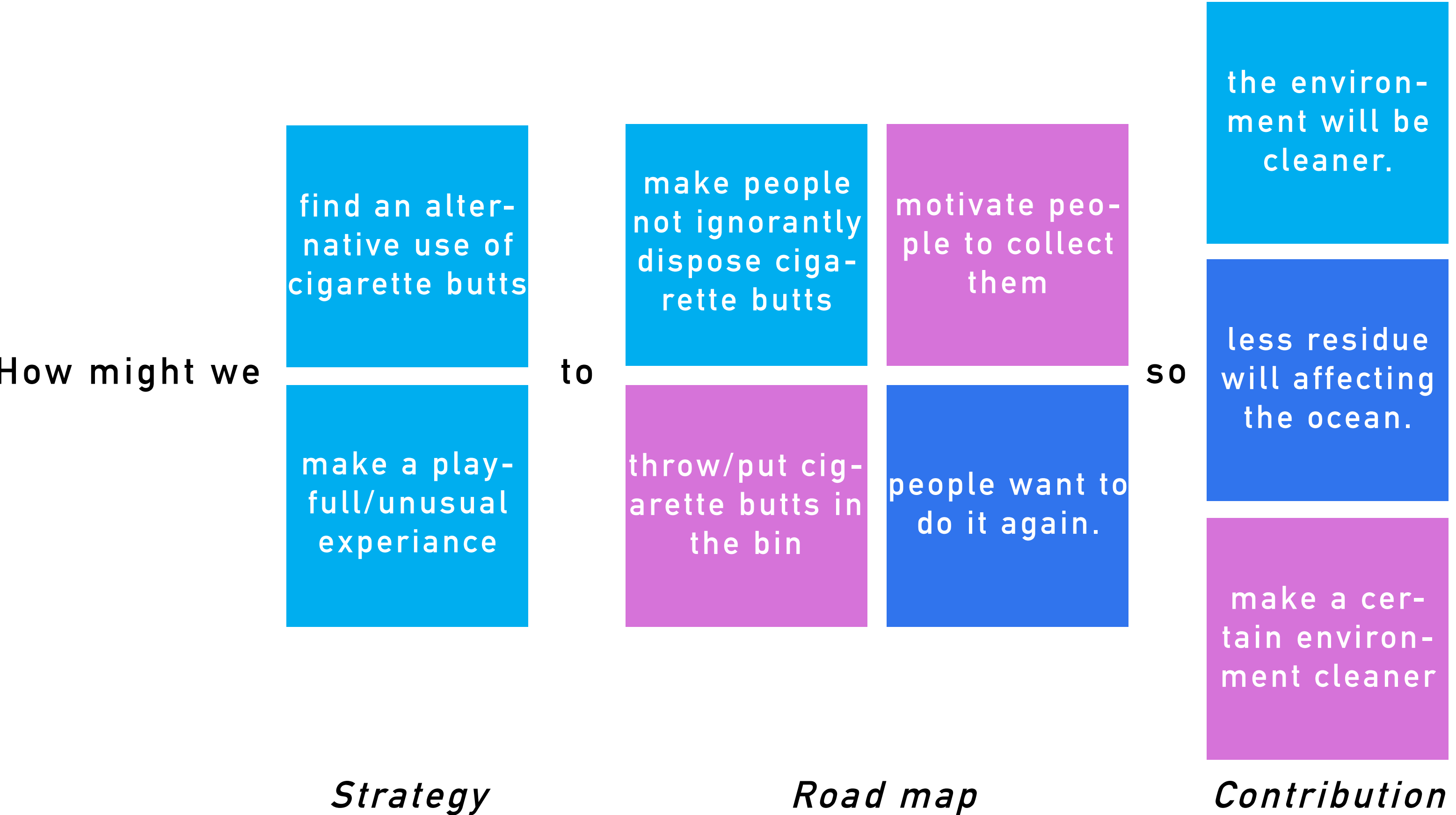
people want to do it again.

the environment will be cleaner.

less residue will affecting the ocean.

make a certain environment cleaner

DESIGN THINKING PROCESS



DESIGN THINKING PROCESS

There
are
Projects
Outputs

- Visual campaign
- Organic filters invention
- Personal pocket ashtray
- Well designed public ashtray
- Cigarette butts art installation
- Trash bin specailly for cigarette butts
- Performance art
- Volunteering activities to go to a certain location to collect waste

DESIGN THINKING PROCESS

P r o j e c t s O u t T h e r e	Visual campaign	Awareness
	Organic filters invention	Action
	Personal pocket ashtray	Action
	Well designed public ashtray.....	Action
	Cigarette butts art installa- tion	Awareness
	Trash bin specailly for ciga- rette butts	Action
	Performance art	Awareness
	Volunteering activities to go to a certain location to col- lect waste	Action

DESIGN THINKING PROCESS

P r o j e c t s O u t T h e r e	Visual campaign.....	2
	Organic filters invention	
	Personal pocket ashtray	
	Well designed public ashtray	4
	Cigarette butts art installa- tion	1
	Trash bin speccailly for ciga- rette butts	
	Performance art	3
	Volunteering activities to go to a certain location to col- lect waste	

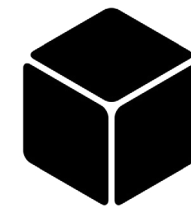


W E L I K E + A W A R E N E S S + A C T I O N

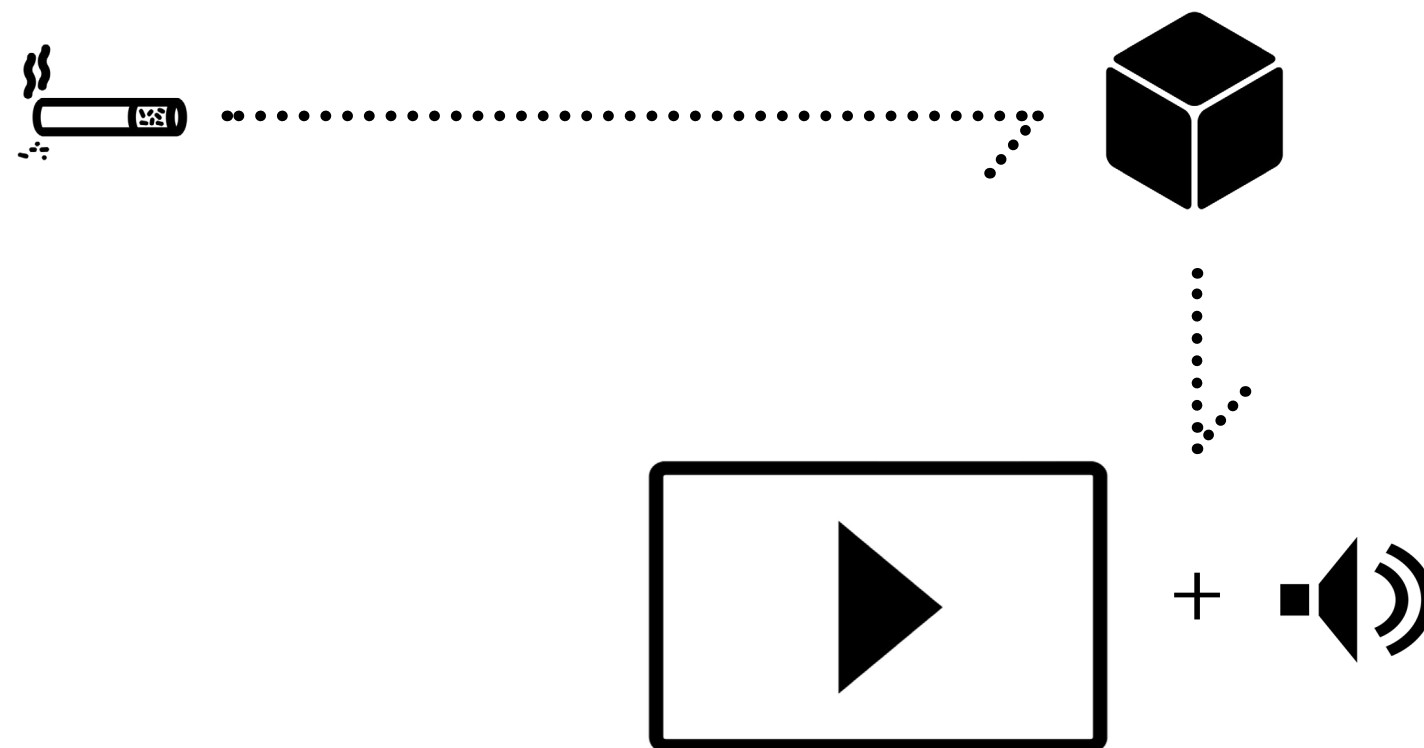
W E L I K E + A W A R E N E S S + A C T I O N

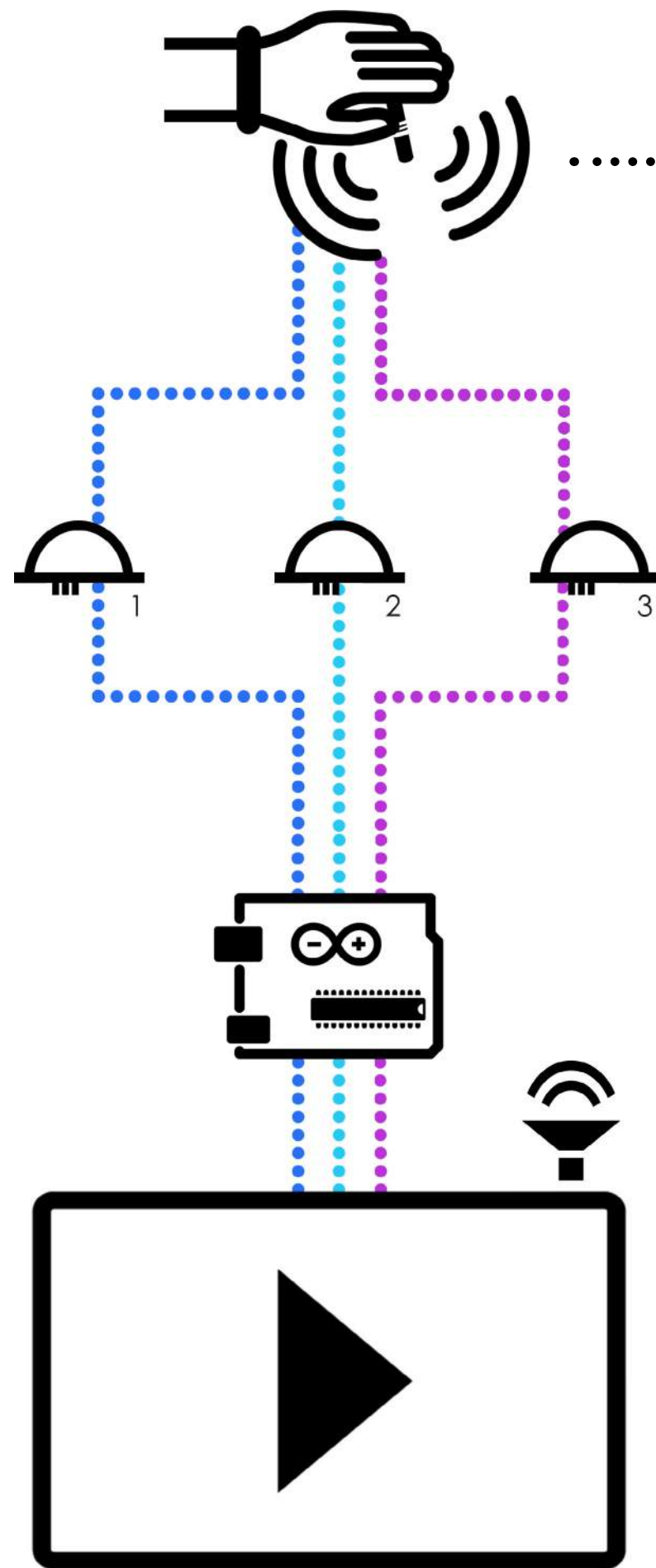
personal yet collective and interactive users experiences

DESIGNING THE BLACK BOX

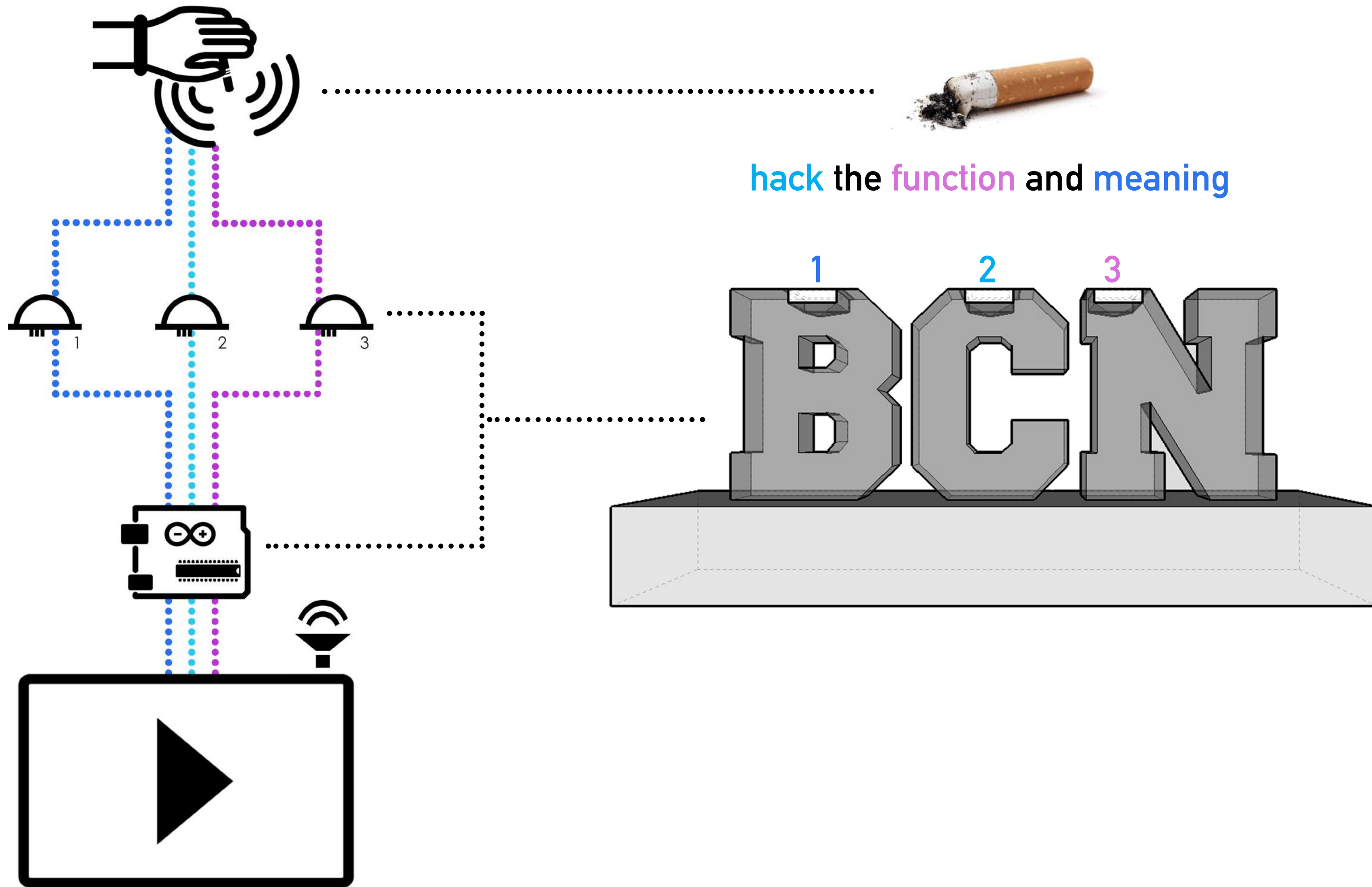


DESIGNING THE BLACK BOX

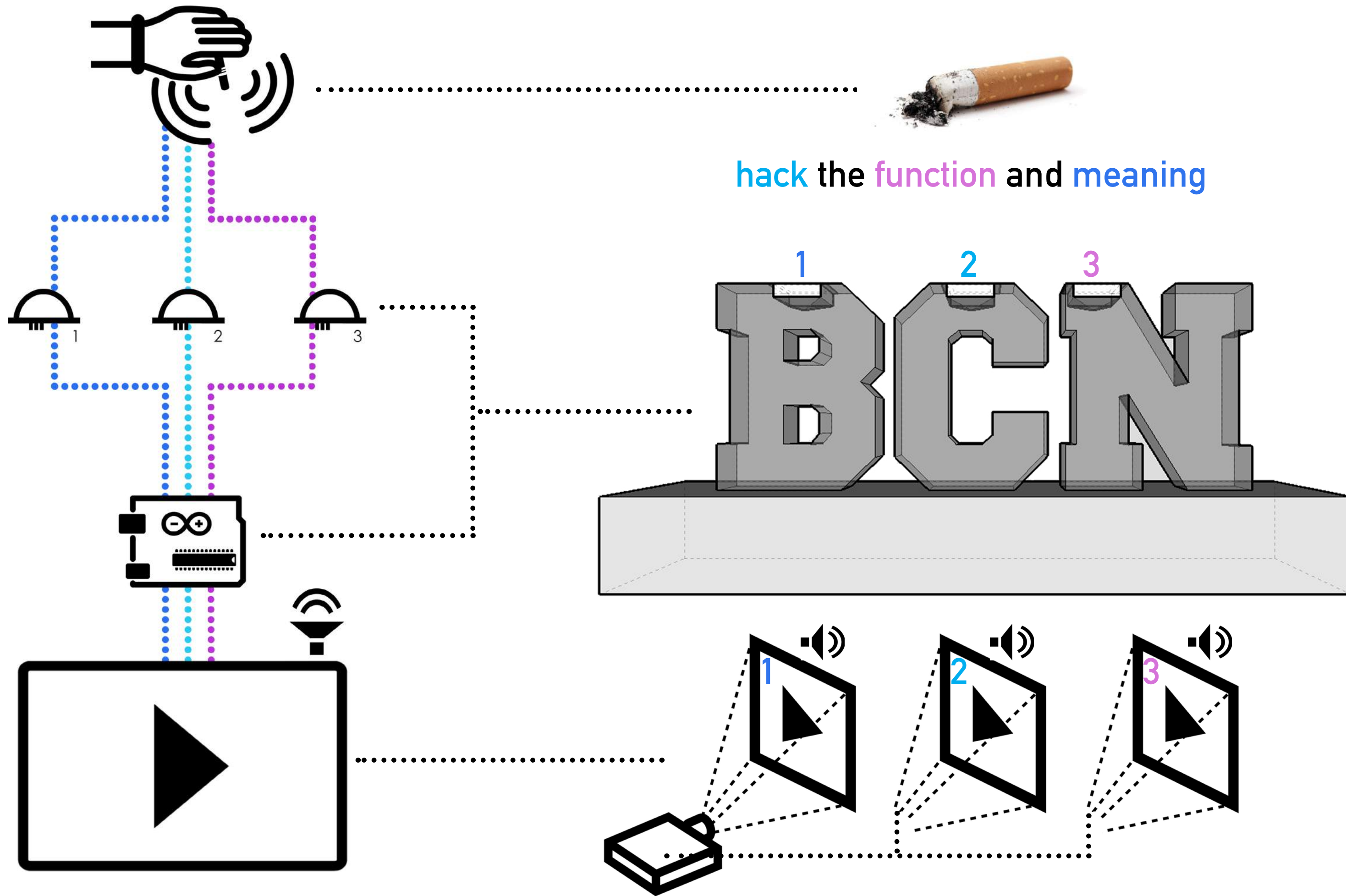




hack the function and meaning

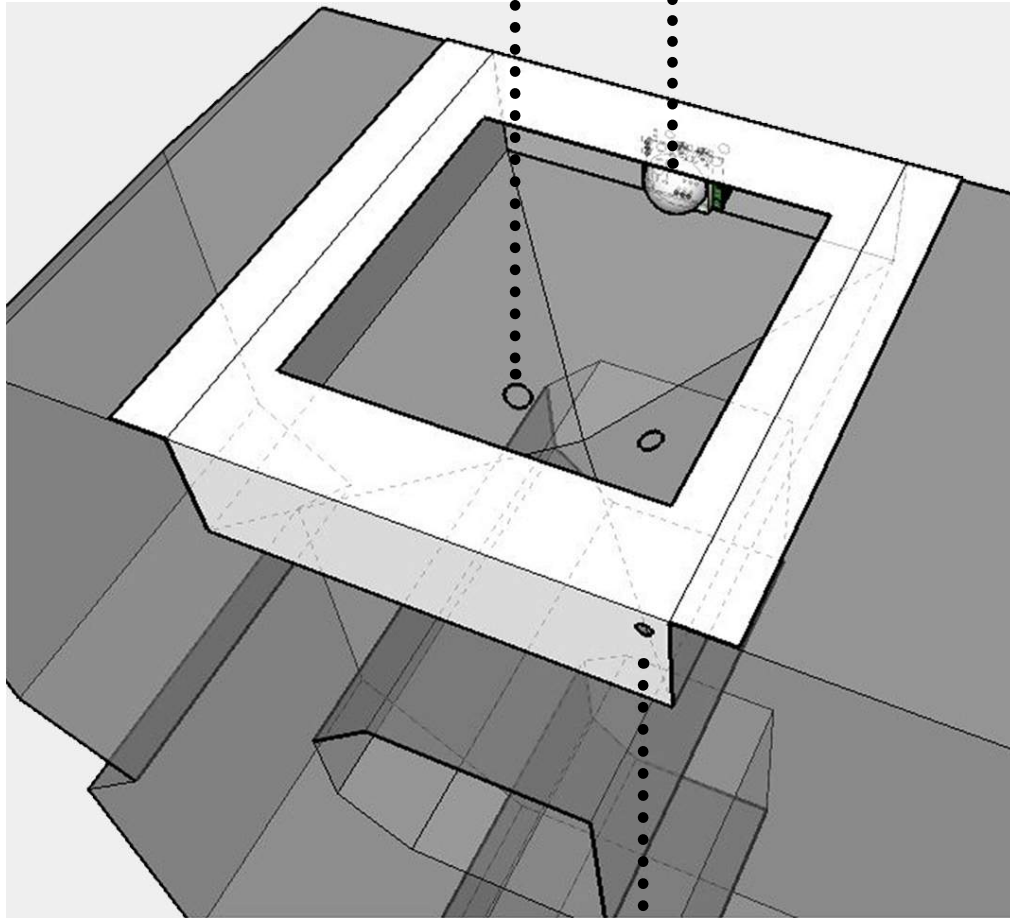


hack the function and meaning

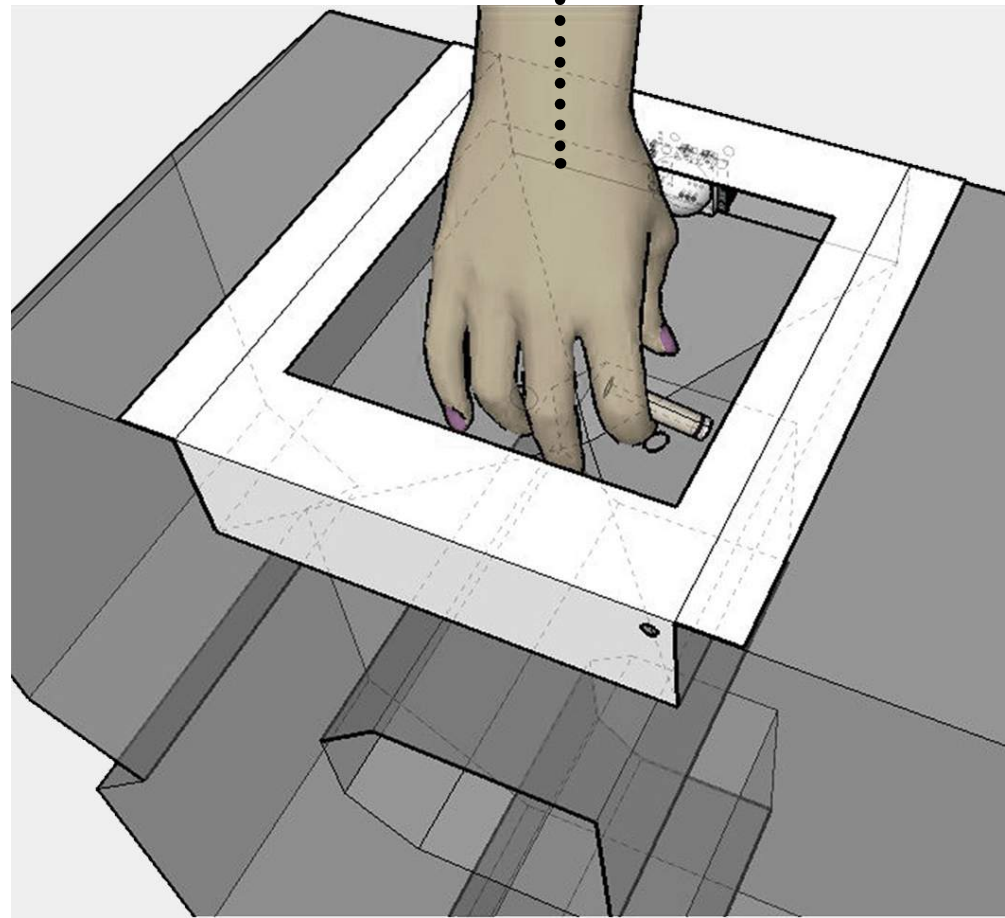


hole for
cigarette butts

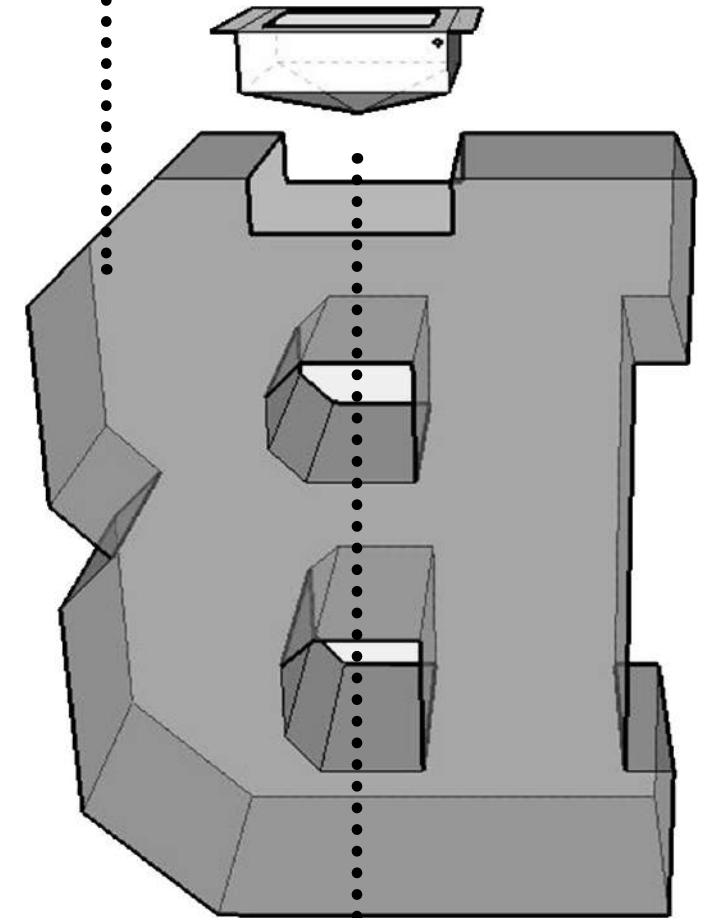
PIR sensor



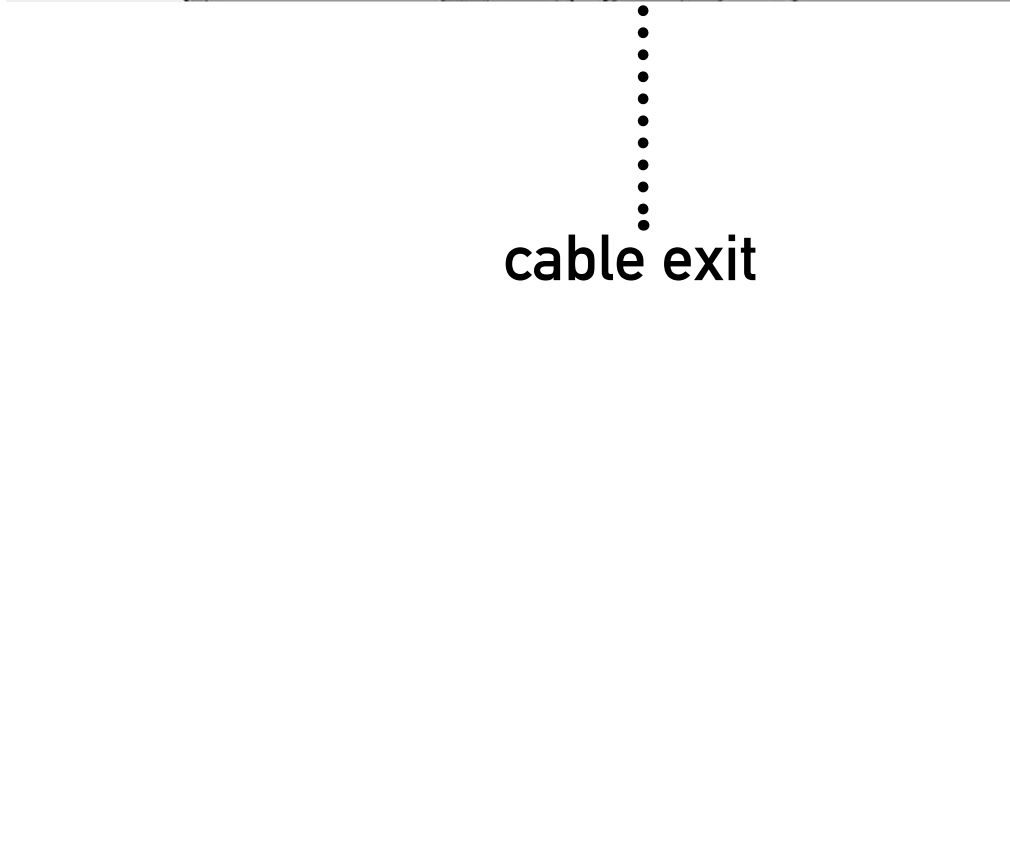
movement detected



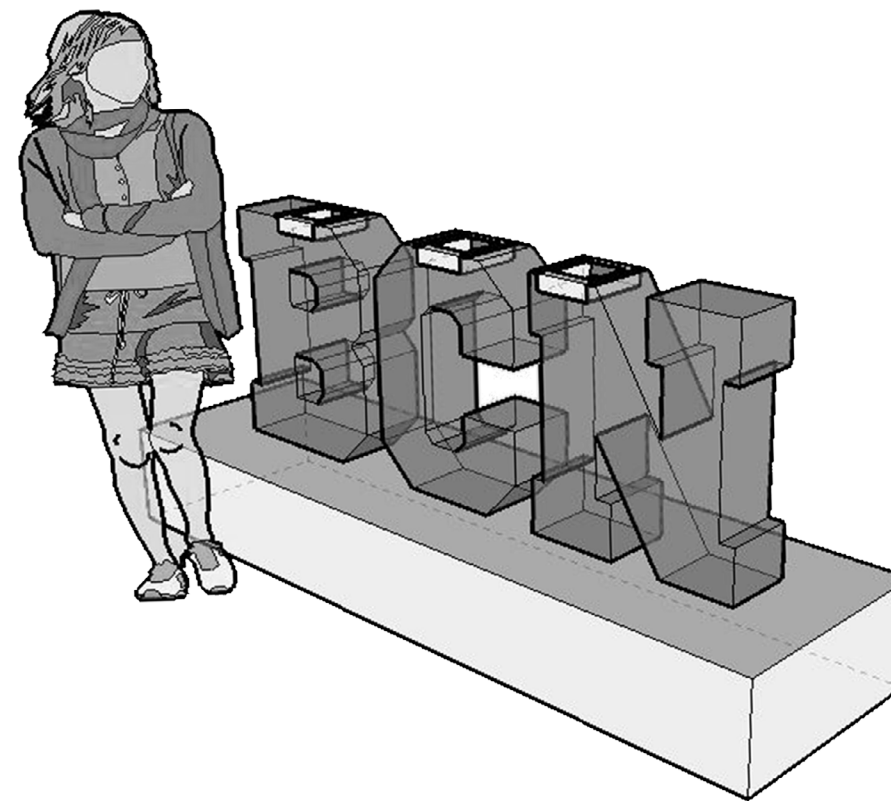
transparent
metacrylate

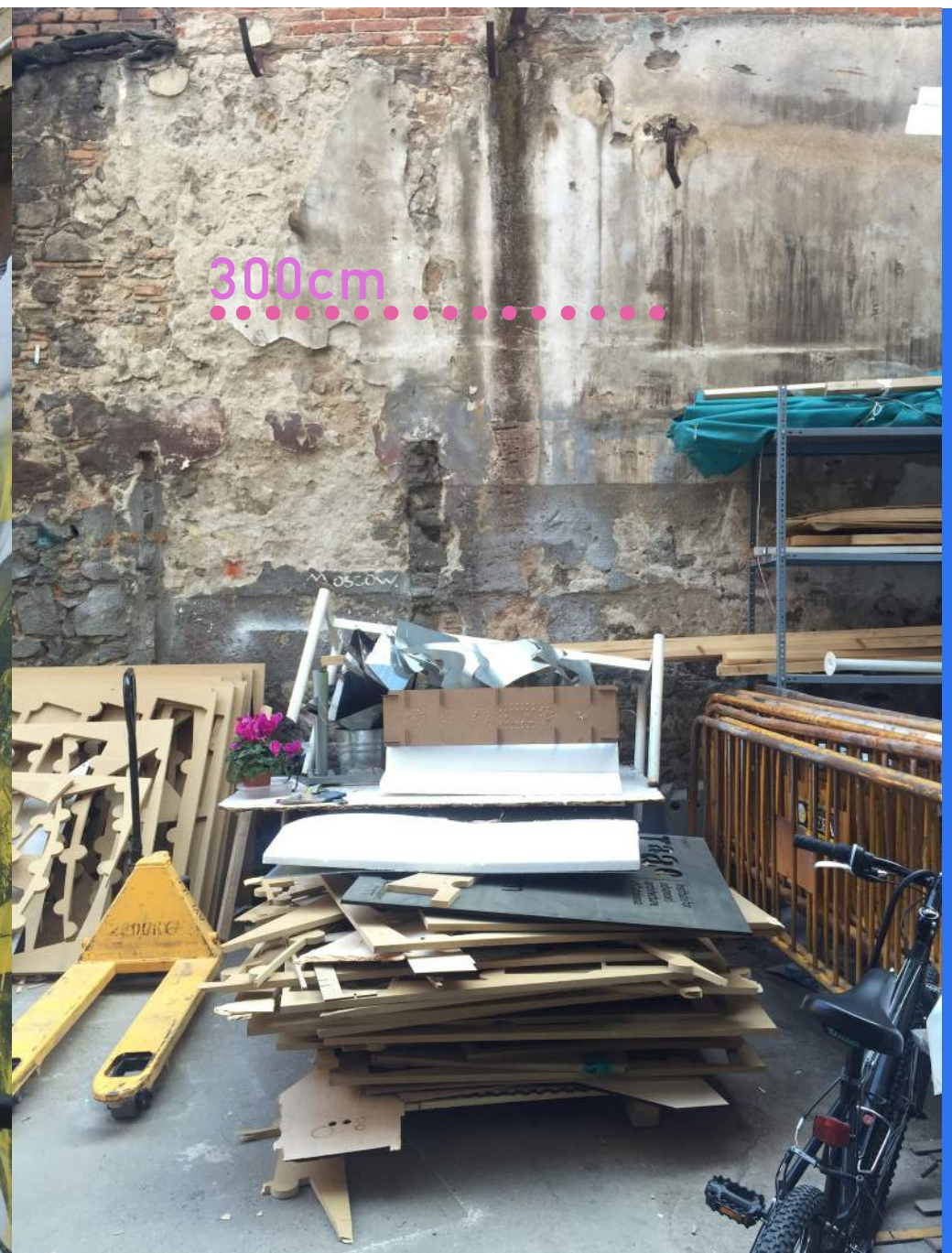


cable exit



sensor nesting

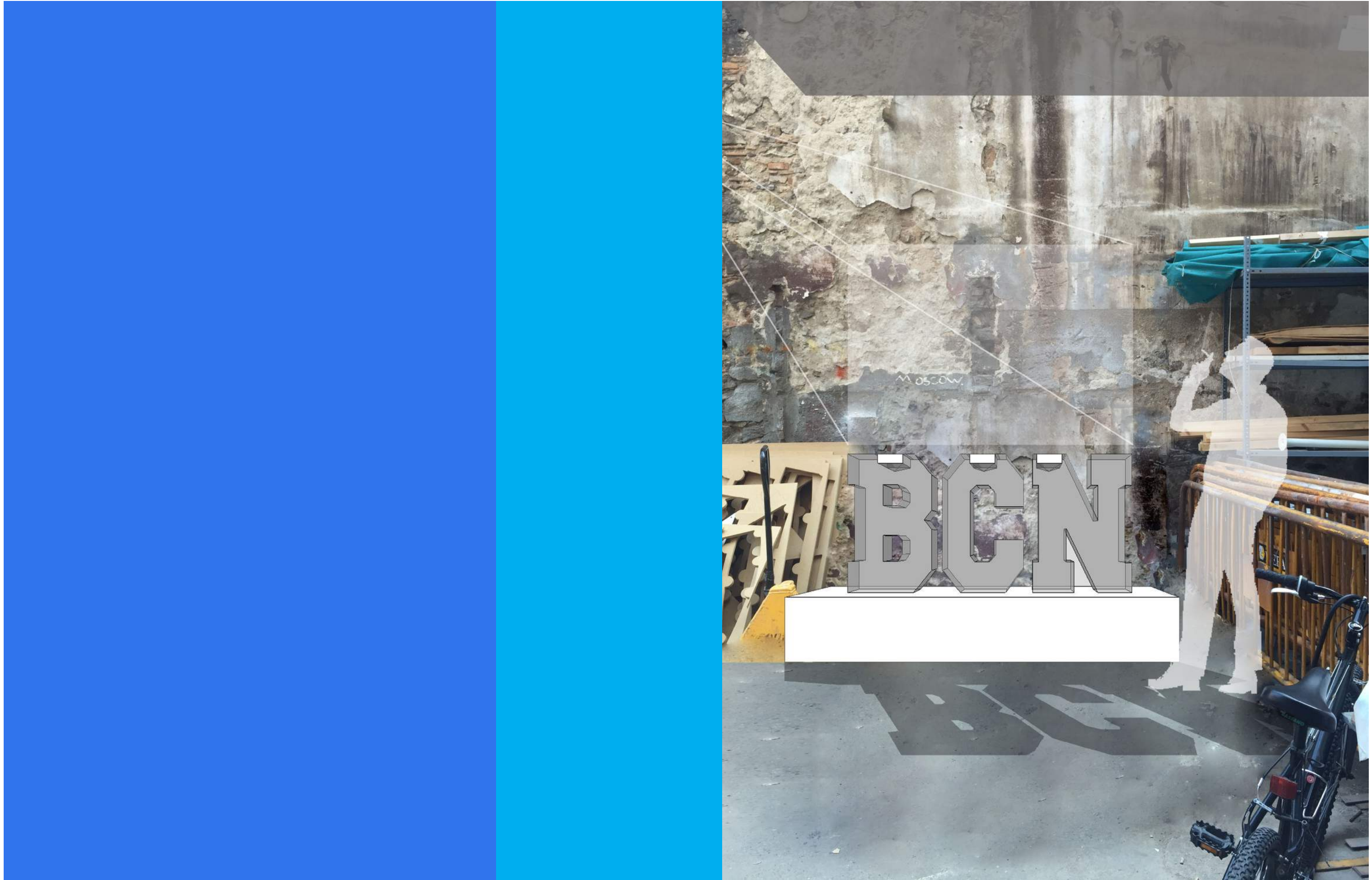




On

Site

Simulation











Yay!!!
We are famous!!



Yay!!!
We are famous!!



In Kuwait
:D

