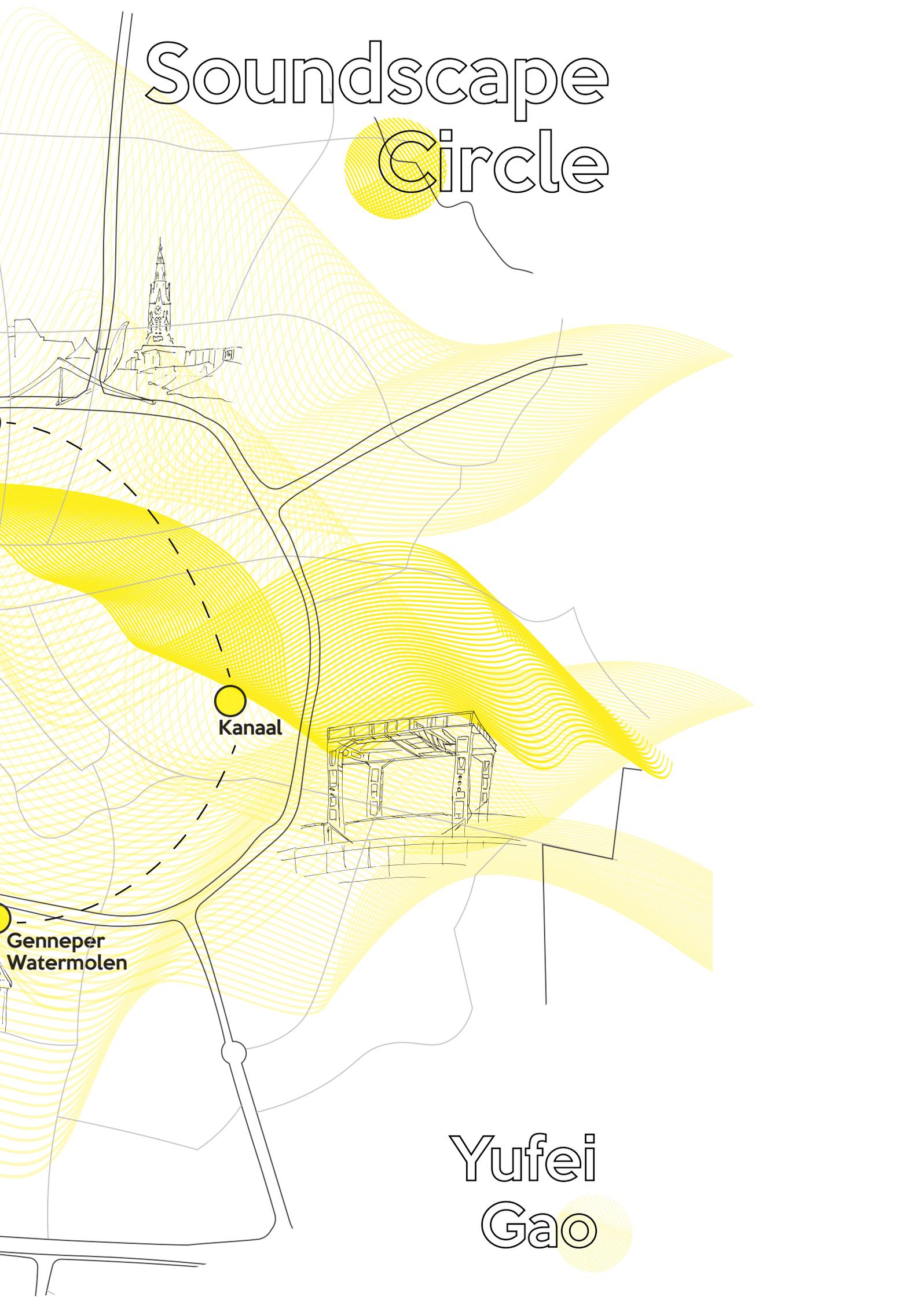


Soundscape Circle



Kanaal

Genneper
Watermolen

Yufei
Gao

How can the
VGNP become
an instrument
that people
can play?

1



The Soundscape Circle

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What is it?

The soundscape circle is a reenactment of events happened in an average Saturday in the VGNP, through 48 2-seconds sound samples, recorded at 4 locations in North, South, West, and East VGNP through out the day.

The average wake up time of Dutch people is around 7:00 a.m.,^[1] thus the soundscape circle starts at 7:00 a.m. and ends at 18:00 p.m., as it's the average dinner time.

The soundscape circle deconstruct the existing soundscape within the VGNP, and open to interpretation, free to manipulation, fun to play.

Enjoy the sound of VGNP, enjoy playing with space and time.

3

How does it work?

It functions as a synthesizer and 12 steps sequencer, not only you can listen to the sound of the city, but also you can make your own music with it!

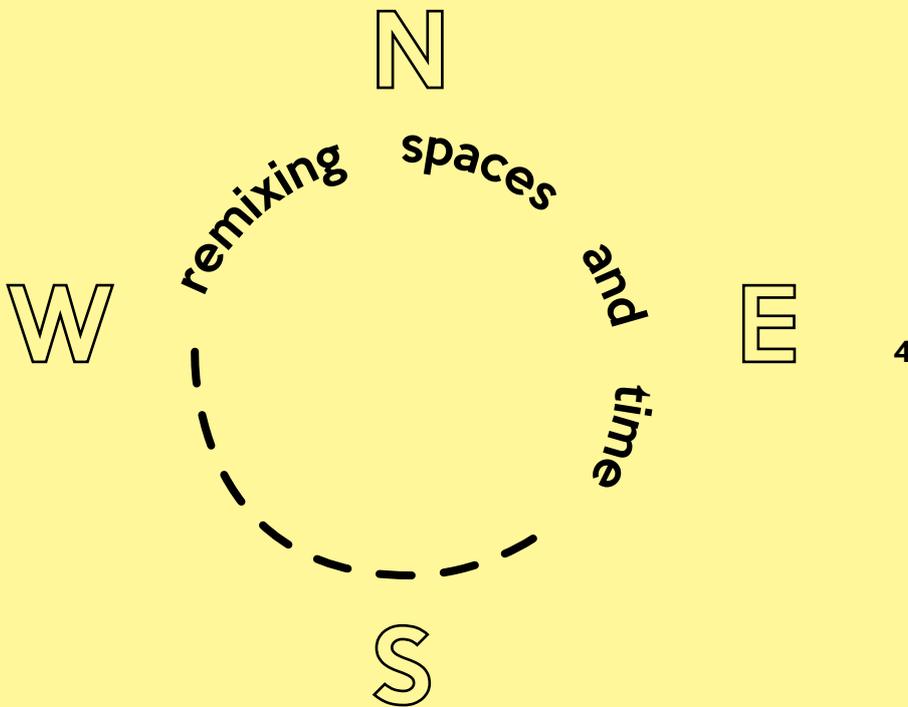
It's also a clock which only works from 7:00 to 18:00.

[1]. Science Advances 06 May 2016: Vol. 2, no. 5, e1501705

<https://advances.sciencemag.org/content/2/5/e1501705>

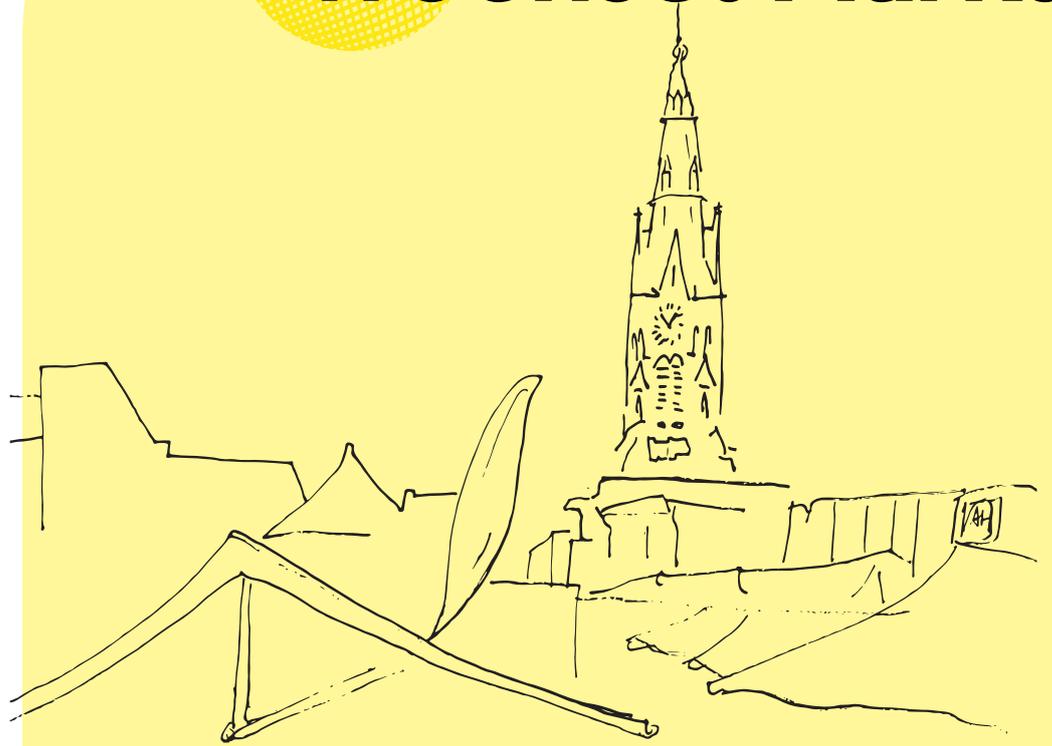
The 48 sound samples are recorded at 4 locations within the VGNP, one sample per hour, the 4 locations are of the most representative places in their own direction.

Moreover, the 4 locations has different levels of population density, traffic flow, biodiversity and green area coverage, which makes it more interesting to listen to them next to the other.



Where are the locations and why?

North: Woensel Markt



5

Every Saturday from 10 to 17 hours, you will have the most international feel in Eindhoven at the Woenselse Markt.

The market is spacious, there are a lot of stalls. From food to clothes, from shoes to flowers, from leather bags to fruits, vegetables and sweets. In short, something for everyone.

And the stalls are not just Dutch, you will smell, see and find the international flavours. Ideal for early risers, but also for long late-risers who have the entire day to store their weekly shopping.



06:15 a.m.



09:41 a.m.



13:34 p.m.

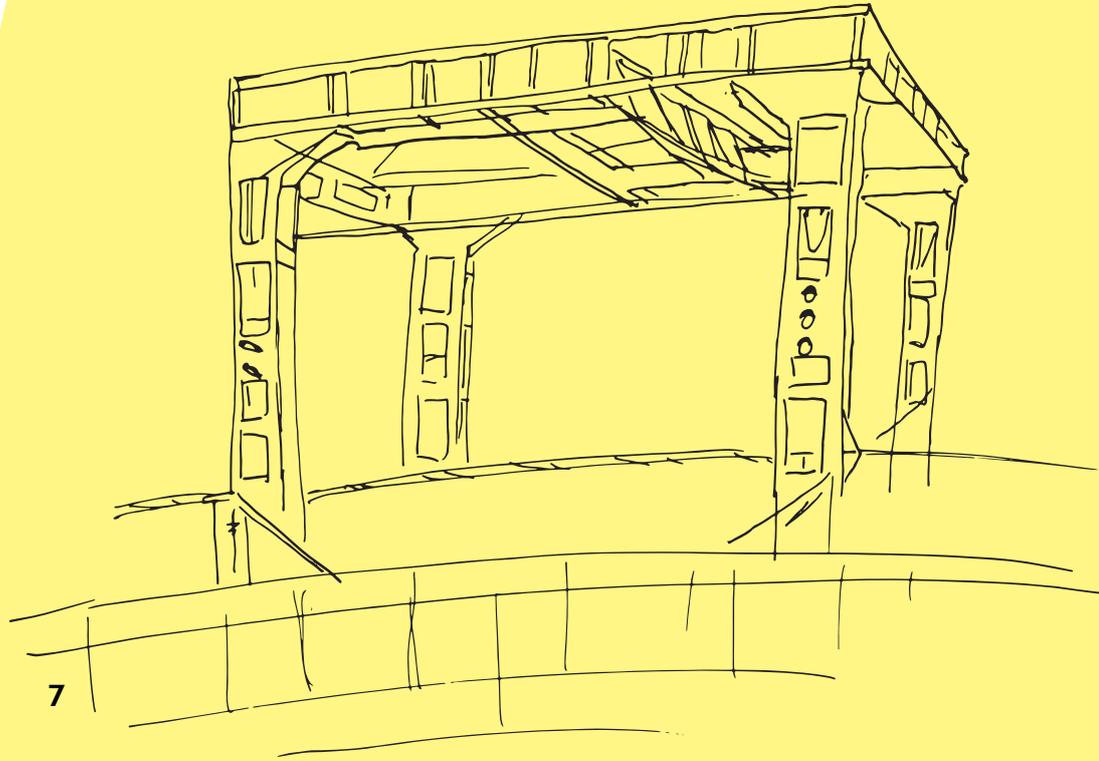


19:23 p.m.



6

East: the Kanaal



7

The canal landscape is very interesting from an ecological point of view. The banks are lined with reeds and carices, the paths with wild flowers such as Solomon's Seal. The water hosts several remarkable water plants such as potatogetons, water soldier and the rare brittle waternymph (which spread into the canal in 1992). The old harbor area is also a nature area now, featuring several introduced species of plants; very notable among these is the Forez striped fern, which was discovered in the harbor in 1988.

The Eindhoven Canal crossed the drainage areas of the Kleine Dommel and the Goorloop. This means that the bicycle patch along the canal is also a natural access path to the Hulsterbroek, Urkhovense Zeggen and Groot Goor nature preserves.



07:15 a.m.



10:02 a.m.



13:53 p.m.



19:37 p.m.



8

South: Genneper Watermolen



9

The Watermill at Genneper (Dutch: Genneper Watermolen) is a watermill along the river Dommel, located on the Genneperweg 143 in Gestel, Eindhoven, in the province of North Brabant, Netherlands. First mentioned in the 13th century, the watermill burned down and was rebuilt in 1587.

Vincent van Gogh lived nearby and made several paintings while in the area, including four paintings of the mill in 1884. The watermill was listed as a national monument in 1972.



06:56 a.m.



10:18 a.m.



14:14 p.m.



19:54 p.m.



10

West: Strijp-S



11

Strijp-S is a neighborhood and former industrial park in the Eindhoven district of Strijp. The area belonged to electronics company Philips. Since 2000, creative companies and housing have been established in the former industrial buildings. Eindhoven Strijp-S railway station serves the district.

This place will create an innovative part of the city where you feel comfortable as an open, creative and enterprising person and where you are stimulated to develop. In the past, now and in the future! Strijp-S is the place where curious and creative people can flourish. The area is buzzing thanks to the many new initiatives that are getting off the ground. It has a pleasant combination of young and more renowned companies with a creative streak, a differentiated and innovative living environment and very diverse forms of leisure.



06:34 a.m.



09:17 a.m.



13:18 p.m.



18:56 p.m.



12

Strijp-S wakes up pretty late comparing to the other three. Occasionally there are people talking a walk or walk their dogs appear before noon. In the afternoon, the volume of people activities start to rise, it reaches its peak at around 18:00 p.m.



13

From the early morning to the end of the afternoon, birds song are the incontrovertible dominant sound in Genneper Watermolen, occasionally people speaking sound, bicycle sound, and car sound in the early morning. Around 10 a.m., the surf club van comes, people start to gather, people speaking sound start to cover the sound of birds'. Once in a few hours, the water mill works, making subtle water sound.





The soundscape in Woensel Markt change rapidly throughout the day.

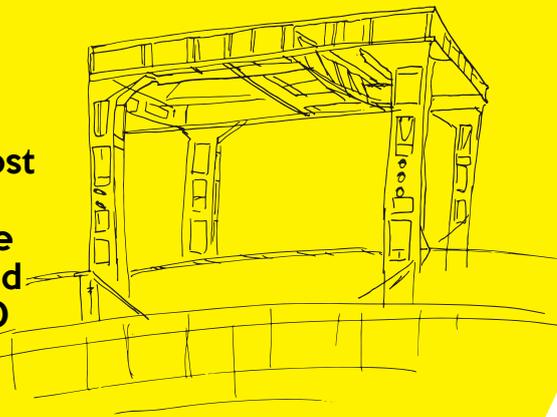
It is silent before 5 a.m., shortly after, trucks comes one by one, stall builders start to build, owners start to unload, sound of objects touching each other start to dominant, around 9 a.m. the sound of people speaking start to rise, until 13:00 p.m. it reaches the peak volume of the day, around 16:30 p.m., some stalls start to pack up and close for business. The sound of human speaking mixing with sounds of objects touching, after 17:00, here comes the street cleaning monster, it covers all the other sounds, after 18:00, the place were the market used to be comes a square, children laughing and screaming sounds are the most noticable.

14

Traffic sounds are the most present at the kanaal throughout the day, in the early morning, birds sound can still be heard, at 9:00 a.m., the sound of cars, vans, buses, and trucks start to dominant, even passengers talk, but you cannot hear it.

The soundscape in Kanaal has the least difference comparing to the other three.

Kanaal tells its story, but the voice is covered up by the traffic.



How



1. Select the location with these 4 buttons



To



2. Press down the location button and choose the seconds of the time you want

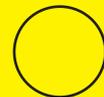
Play



It

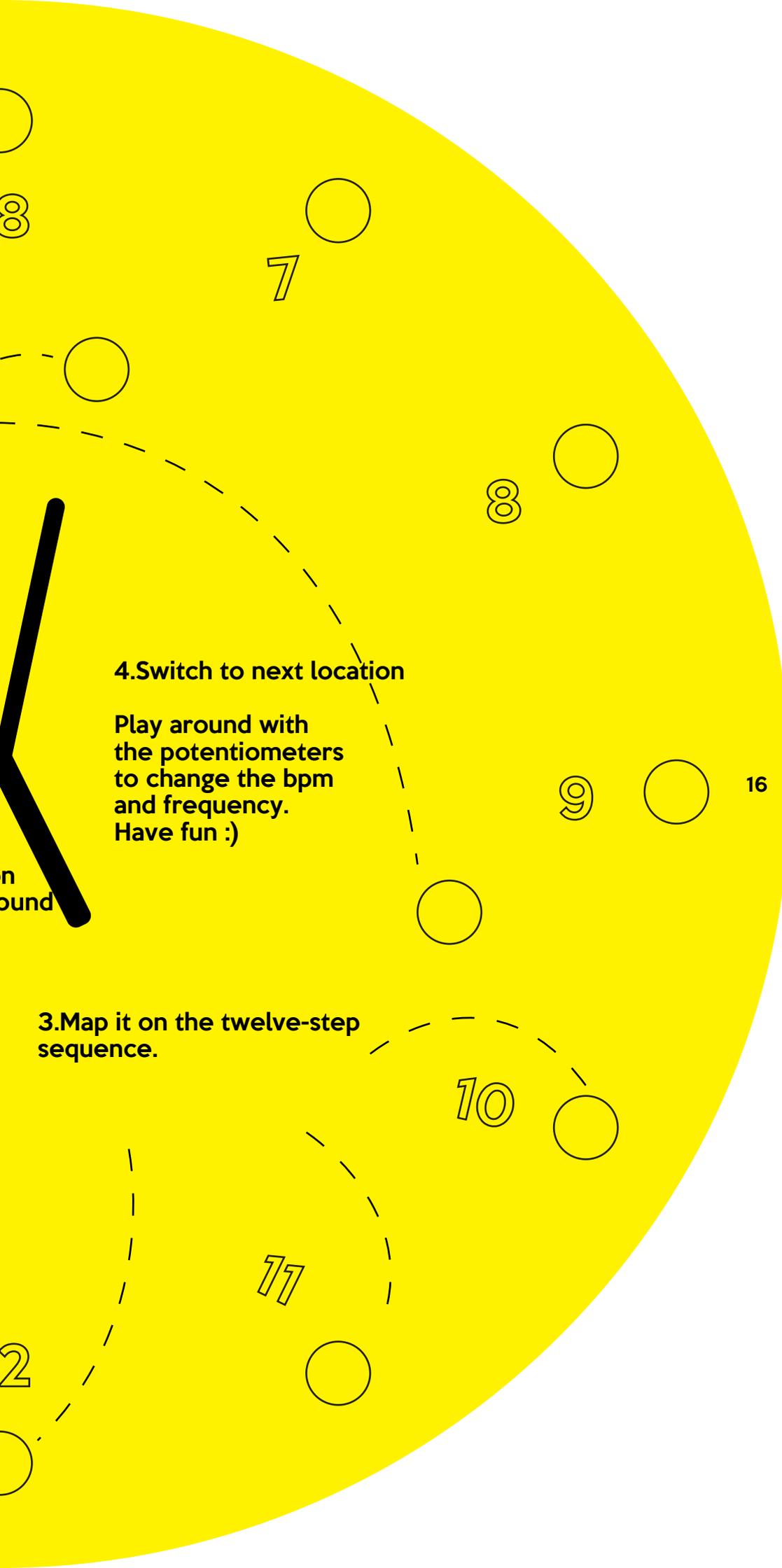


?



1





4. Switch to next location

Play around with the potentiometers to change the bpm and frequency. Have fun :)

n
ound

3. Map it on the twelve-step sequence.

Stories Behind The Sounds

6:15 a.m.
Woensel Markt

I asked a worker who was assembling the stalls, if I may record the noise of wooden board falling on the metal structure, without any hesitation he yelled at me "No!", likewise, without any hesitation I kept the "no!" as the first sound sample

17



07:01 a.m.
**Genneper
watermolen**

A woman was walking her dog, technically, running her dog, the dog was super quiet, sound came from the woman's breathe and their steps.



07:16 a.m.
Kanaal

I chose this part of the kanaal because of the DAF monument was well-known but nobody knows what it actually represents, which makes it an interesting location.

Soon I realized it might be a bad idea since it doesn't make any sound, the sound was from the cars passing(racing) by, it's very early in the morning, barely any people on the road, why could they care about the speed.

**09:15 a.m.
Strijp-S**

At this point, there was still barely any people, shops were not open yet, suddenly there was a loud continuous noise, I thought it had to be a big vehicle, to my surprise, when I turned around, I saw a short man with a tiny wearable leaf blower.

19



09:41 a.m.
Woensel
Markt

A bakery stall was playing some nostalgic music, I could identify the time period from the use of instrument and the style of the composition, but I couldn;t identify the language, sounded like middle eastern.

20



10:00 a.m.
Kanaal

I was back to the DAF monument, worrying not being able to collect any interesting sound, the traffic was a lot more busier then 7 a.m., I heard something similar to human heart beat, but much more deeper, stronger, I turned around, it was the cars driving on the brifge, “dong-dong”, “dong-dong”, and I decided the little grey bridge would be the new spot instead of the red and blue monument.

21



10:20 a.m.
Genneper
Watermolen

A group of elderly people gathered together by the bridge, a van with a logo saying "Nederland Sup Club/ stand up paddle" parked next to them, besides the sound of them chatting, birds song was still very present, until a guy from that group started to laughing very loudly, what a powerful baritone, I couldn't help to wonder if he was an opera singer or something, a few birds even got scared and flew away from the branches.

22



Genneper Watermolen

I have never hear(seen) so many ducks at the same time in real life, they were actually really quiet, just quacks once in a long while, the sound of them flapping their wings are more present than the ones they made with their vocal cord.



23

6:56
a.m.
Genneper
Watermolen

It was a foggy day to begin with, in the natural area, the air was even more humid, made the surroundings almost dream-like. There was no other human, I stood in front of the water mill, could barely see the sculpture of van Gogh across the river, only birds were singing, I don't know if it was the fog or the volume of singing was actually lower, not only my vision felt blurry, but also my auditory sense.



24

Genneper Watermolen

Quietly came the young man in white tee,
the only sound he made is when he look for
something in his Albert Heijn plastic bag,
other than that, he was just fishing, waiting
for the fish to come, immerse himself in the
soundscape of birds.



25

Woensel Markt

It was very loud and noisy in the crowd, but still, a cry from a child could still manage to break through everything, I soon found it was a boy squatting, holding a yellow electricity cable in his hands, he insisted to stay and play with his new yellow skinny friend, but his mom didn't approve, together with several siblings, they left him behind, so the boy yelled, cried, everything to show his affection with this attractive bright yellow companion, until his big sister came to get him.



Strijp-s

People talking, laughing in front of the ice cream shop, a few groups of people chatting, loud techno music coming from plug-in city, then there was a siren, overshadowed all the sounds I mentioned above, I tried to follow the siren, as I was getting closer, it got louder and louder, finally I traced it to the origin, it was from Room 108.

26





Strijp-S

A toddler named Elena was crawling on the ground, how did I know her name? Because as she was getting further away, her mom started to calling. She made a few loud cries every few seconds, it was hard to tell if it was out of excitement or discomfort.

27

Genneper Watermolen

The sound of an ice cream stall coming is always joyful.





28

Woensel Markt

The market was finishing, the streets were almost empty, the sound source was a cleaning van running recklessly, sometimes with a sudden turn, I was very cautious while passing by it, then I saw there was a young boy sitting on the passenger seat, I figured the guy who was driving must have been the boy's dad or big brother, and he just wanted to show him some fun.

Woensel Markt

A naughty girl climbed on the street light pole, her mom was asking her to come down, she listened, instead of climbing down, she chose to slip, the pitch of the sound came from the fraction between her skin and the metal pole was unbearably high.

29

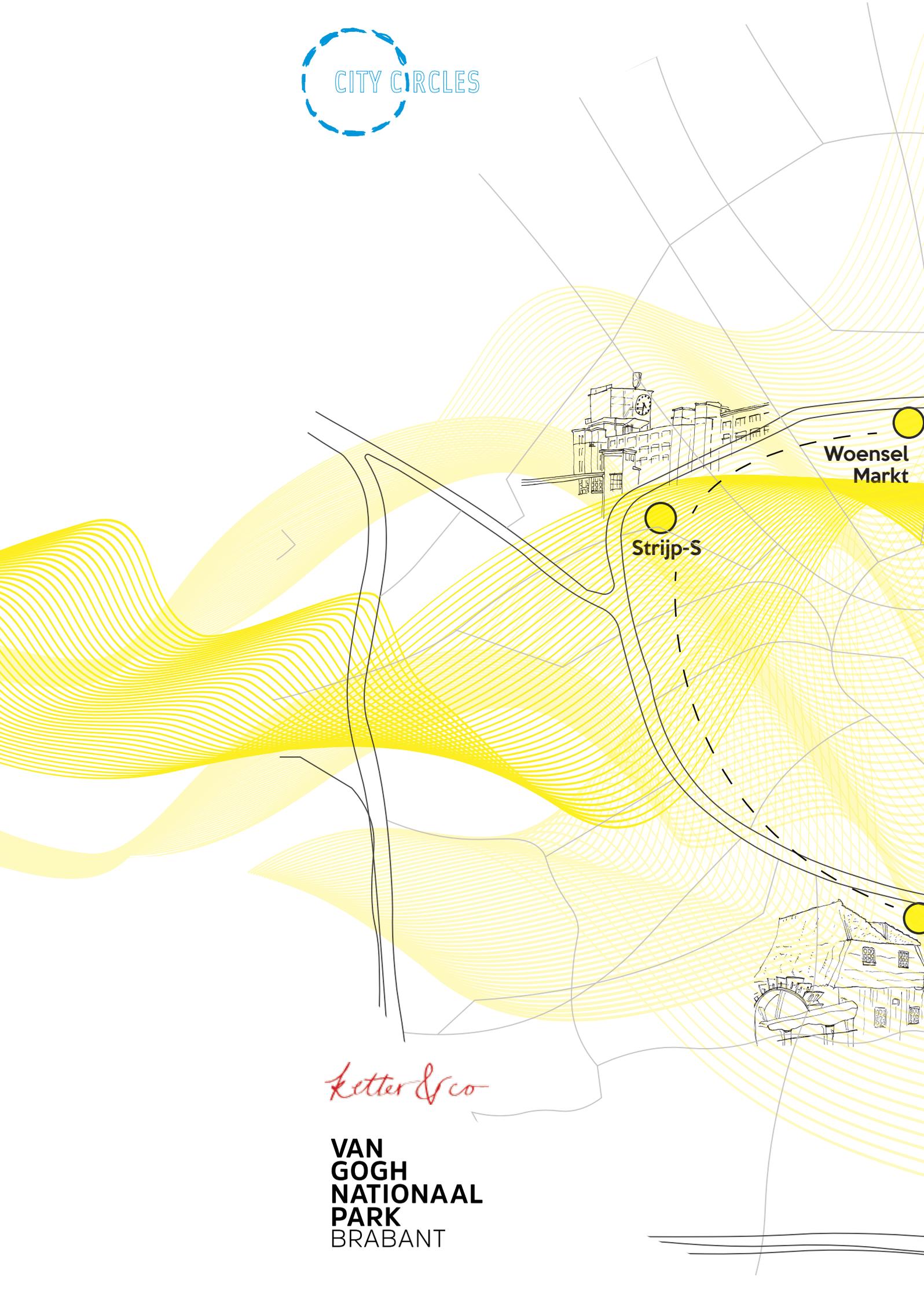
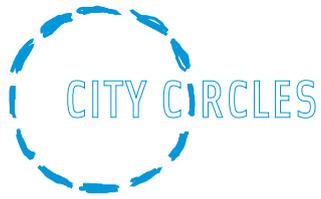


Strijp-s

It was already 18:00 p.m., should have been the end of sample collecting, however at roughly the same time, someone came with amplifiers, I guessed it's an organized event, people came and started to dance, other people who were just chilling on the grass also started to join, more people came, some left for a drink at the bar next to the crowd. The soundscape was made of laughter, music, and pure joy.

30





Ketter & co

**VAN
GOGH
NATIONAAL
PARK
BRABANT**