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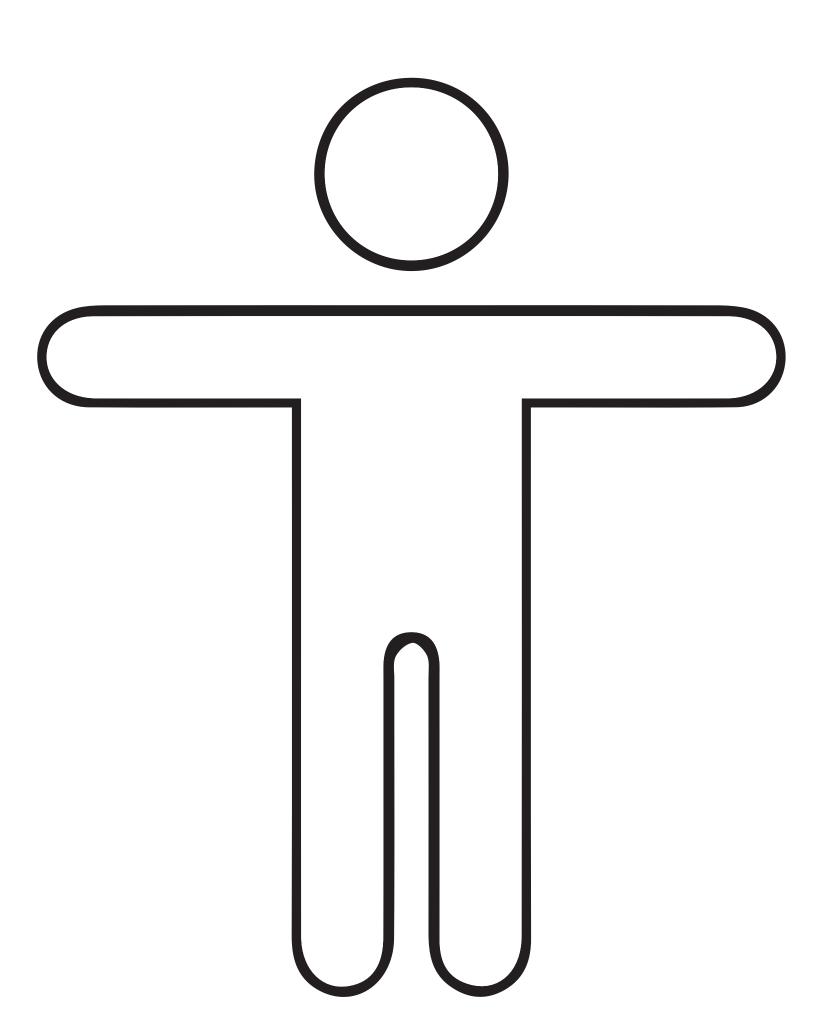
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# NOSE FIRST

14:00 – 14:15	Warmup: Smell print – a 15-minute warm-up
	activity

14:15 – 15:15	Nose-first: Practices of Smellwalking and
	Smellscape Mapping – a 60-minute talk

17:30 – 17:45 Sharing and discussion





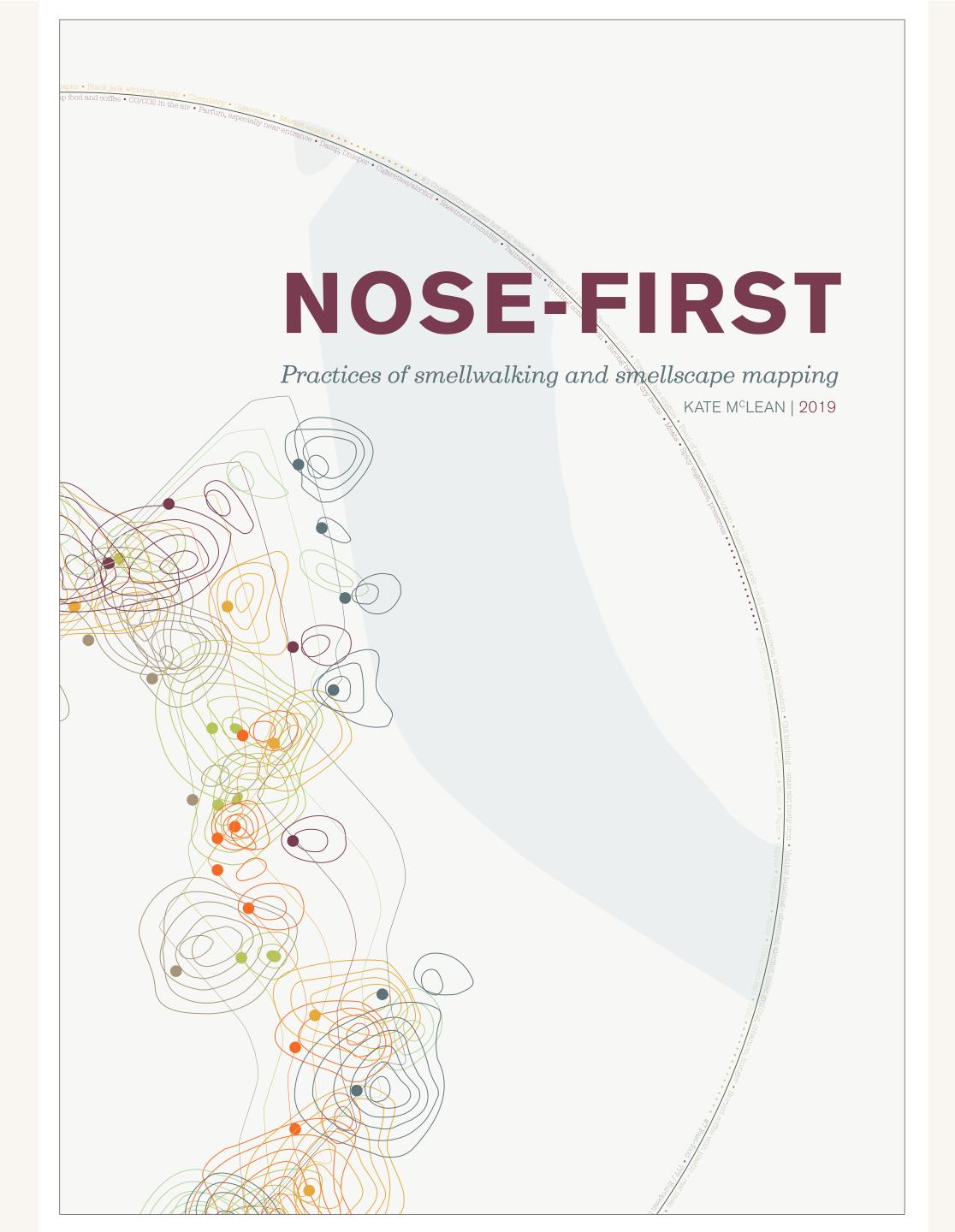
# NOSE FIRST

# NOSE FIRST

Practices of Smellwalking and Smellscape Mapping

# Disciplinary background: visual communication

Interdisciplinary, practice-based, communication design research into how we might best share human smell experiences



60-minute talk investigating olfactory environments and potential approaches to communicating our experience of them. Focus on the spatial.

Discover.
Discriminate.
Describe.
Depict.

Literature and practice review / overview

## /sanitary survey (1790) - Paris



#### PROCES-VERBAL

De la Visite faite le long des deux rives de la rivière de Seine, depuis le Pont-neuf jus quà la Rapée et la Garre, le 14 février 1790.

PAR M. HALLÉ.

Le dimanche, 14 février, la hauteur de la rivière étant à 5 pieds, (échelle du Pont de la Tournelle), nous avons commencé notre course, M. Boncerf et moi, par visiter les terrains qui sont au dessus du quai de la Feraille.

Ayant regardé par dessus le quai vers le Pont-Neuf, nous avons été saisis d'une odeur très-forte et nous sommes descendus.

Au dessous de la première partie de ce quai, attenant le Pont-Neuf, nous avons trouvé un grand atterrissement couvert d'immondices. Il commence au bas de la descente de l'Arche-Marion, et finit à la première arche du pont de ce côté. Cet atterrissement s'avance de 3 ou 4 toises environ dans la rivière.

Nous sommes descendus sous le même quai, vers le bout qui atteint le Pont aux Changes; à ce bout commence un grand atterrissement qui se continue, avec quelques interruptions, sous la première arche du Pont aux Changes, sous tout le quai de Gèvres et jusqu'au dessous du quai Pelletier.

La partie de cet atterrissement qui est à la fin du quai de la Feraille, ayant le Pont aux Changes, s'élève par un grand amas d'ordures et forme un tertre sur lequel s'appuie une gouttière qui répond à l'égoût du grand Châtelet. La terre en est noire et de mauvaise odeur. L'atterrissement continue sous la première arche du Pont aux Changes et l'occupe toute entière; là il n'est pas encore fort infect. Mais sous les voûtes du quai de Gèvres, il est couvert d'immondices de toutes espèces, soit provenant des latrines des maisons du quai, soit des issues des boucheries et tueries, qui s'étendent entre le grand Châtelet, et la rue Planche-Mibray; vers le quai Pelletier l'amoncellement des ordures est moins infect et l'atterrissement est de moins en moins gâté jusqu'à la Grève.

La Grève, le Port-au-blé jusqu'au-Pont-Marie, et tout le port Saint-Paul, n'offrent que peu d'atterrissemens de mauvais caractère, et, sauf quelques anciennes matières, n'ont besoin d'aucun nettoyement.

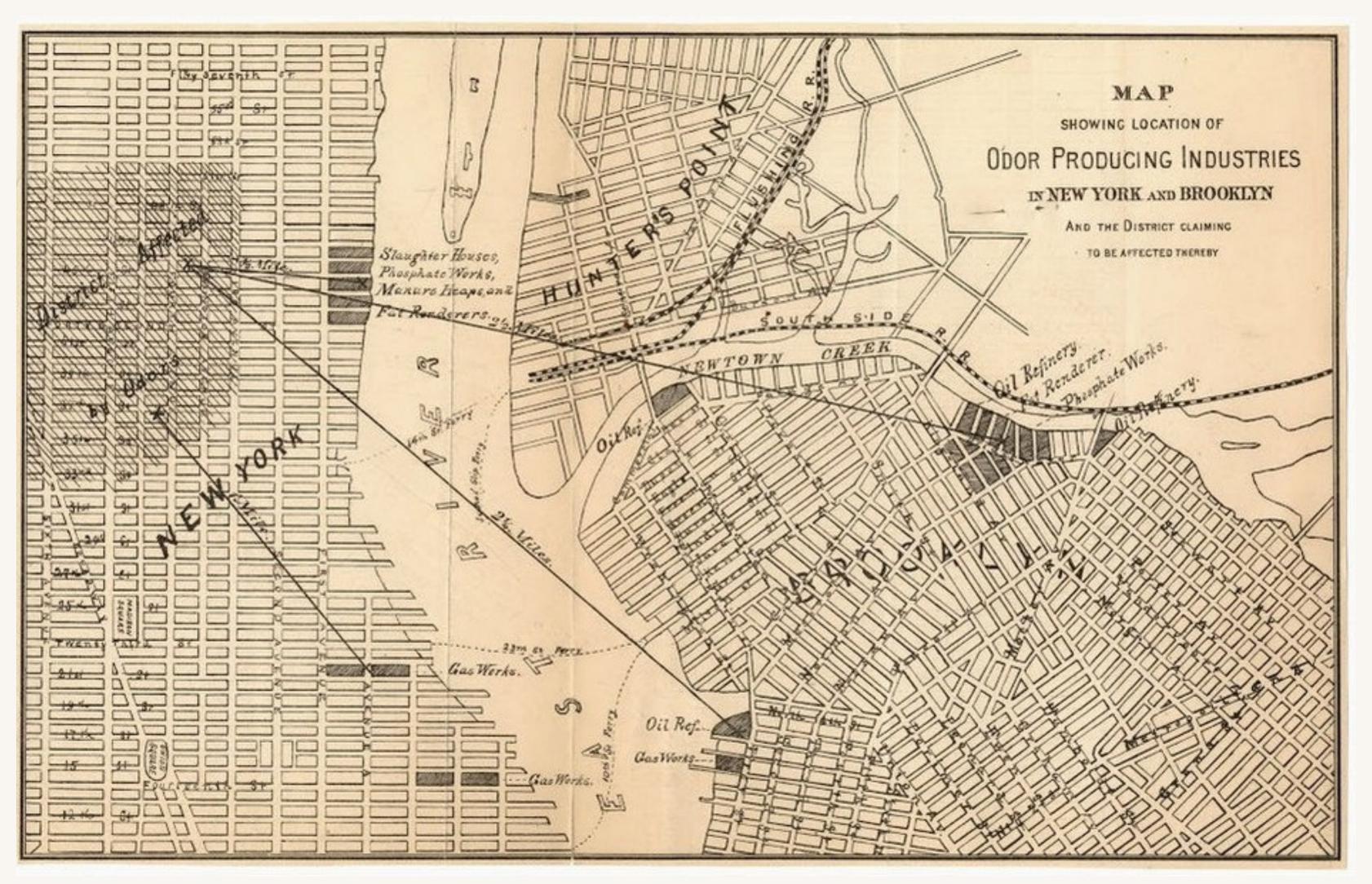
Vers l'Arsenal le bras de l'île Louvier est bordé de terres végétales d'une bonne qualité, et l'égoût même de la rue du petit Musc est propre et lavé par une eau qui ne paroît point sensiblement chargée d'immondices.

Tout ce côté est en très-bon état tant du côté de l'Arsenal, que du côté de l'île Louvier, jusqu'à l'embouchure de l'égoût des fossés de l'Arsenal. On sçait que la terre qui borde cet égoût, doit être profondément pénétrée par les matières qui y abondent; mais à l'extérieur elle n'offre aucun signe qui la rende suspecte. On ne doit la remuer qu'avec précaution. Au contraire dans les terrains que nous avons désignés jusqu'ici, il est probable que l'infection existe plus à la surface que profondément, et que, le déblai fait des premières matières, le reste s'enleverait sans inconvénient.

Passé l'égoût de l'Arsenal on trouve le port du débardage, cet endroit est formé d'un terrain mol, profond, grisâtre à la surface, noir quand on le creuse, et répandant alors une mauvaise odeur. Il est formé de débris de matières animales et végétales, et cet état du rivage, J.-N. Hallé, "Procès-verbal de la visite faite le long des deux rives de la rivière Seine, depuis le pont-Neuf jusqu'à la Rappée et la Garre, le 14 fevrier 1790,"

Histoire et Mémoires de la Société Royale de Médecine, 10 (1789). BIU Santé website

## /odour monitoring (1870) - New York



Map Showing Odor Producing Industries in New York and Brooklyn and the Districts Claiming to be Affected Thereby (1870). Manhattan Board of Health

#### /direct experience (2007) - New York

#### THE WHIFF OF UNCERTAINTY

the smell was recorded. Olfactory smell detection is affected by that the canopies cluster and intensify around the location of of the odor canopy intersects with the path.

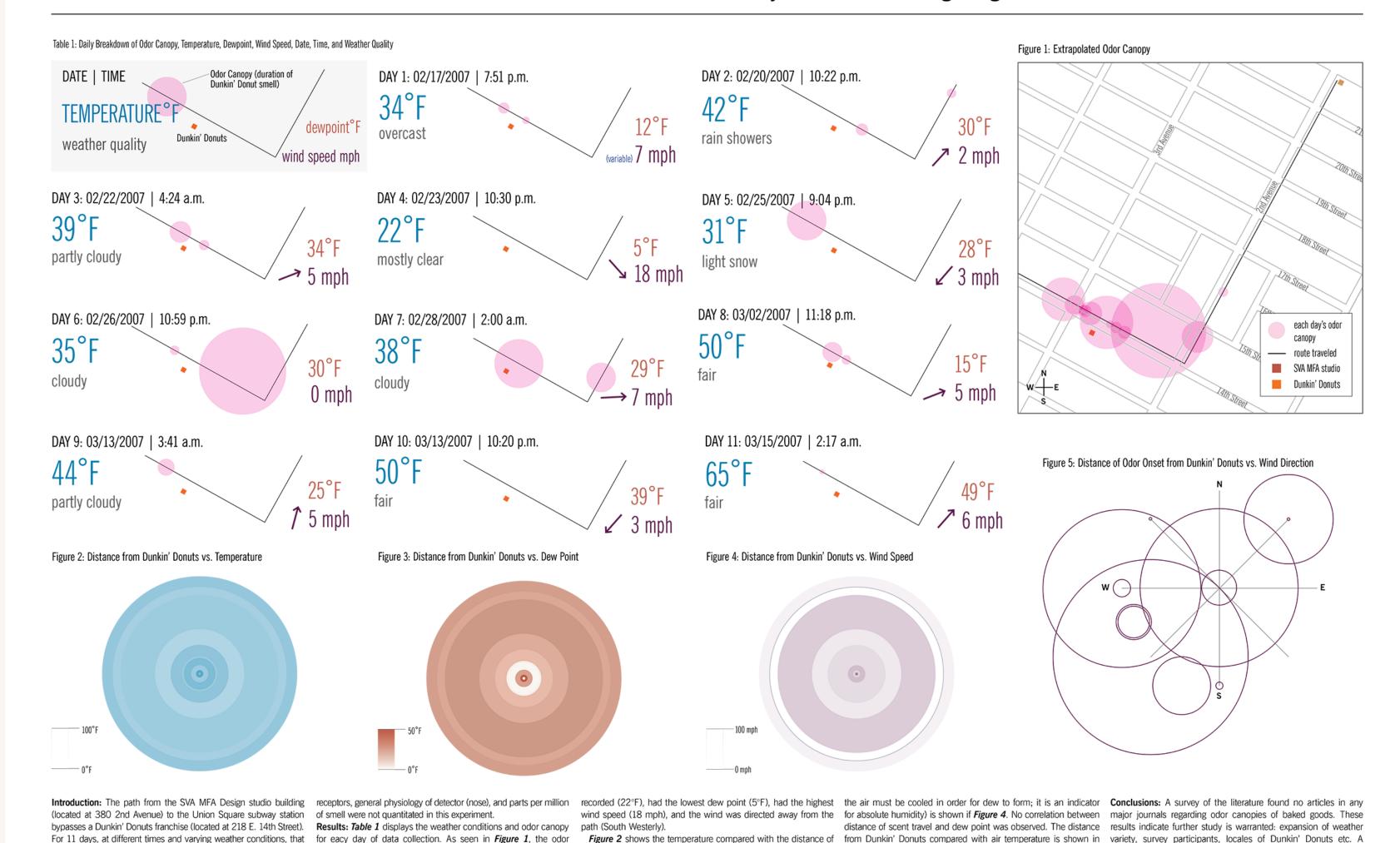
factors such as temperature, air moisture, wind, wind speed, and Dunkin' Donuts. This clearly indicates that proximity to the source The distance from Dunkin' Donuts compared to wind speed is

proximity to source of smell (Powers, 2004). The weather conditions is a key factor in olfactory detection of the baking doughnut. It was shown in *Figure 3*. No correlation between distance and wind speed

were compared with the onset of doughnut smell to determine if a correlation exists. Factors such as number and state of nasal smell also observed that the smell was not detected only 2 out of the correlation exists. Factors such as number and state of nasal smell also observed that the smell was not detected only 2 out of the was observed. The distance from Dunkin' Donuts compared to dew point (whereby 'dew point' is defined as the temperature to which

#### Effects of Weather Conditions on Urban Locative-Dependent Threshold Olfactory Detection of Baking Doughnuts

correlation between temperature and intensity of smell.



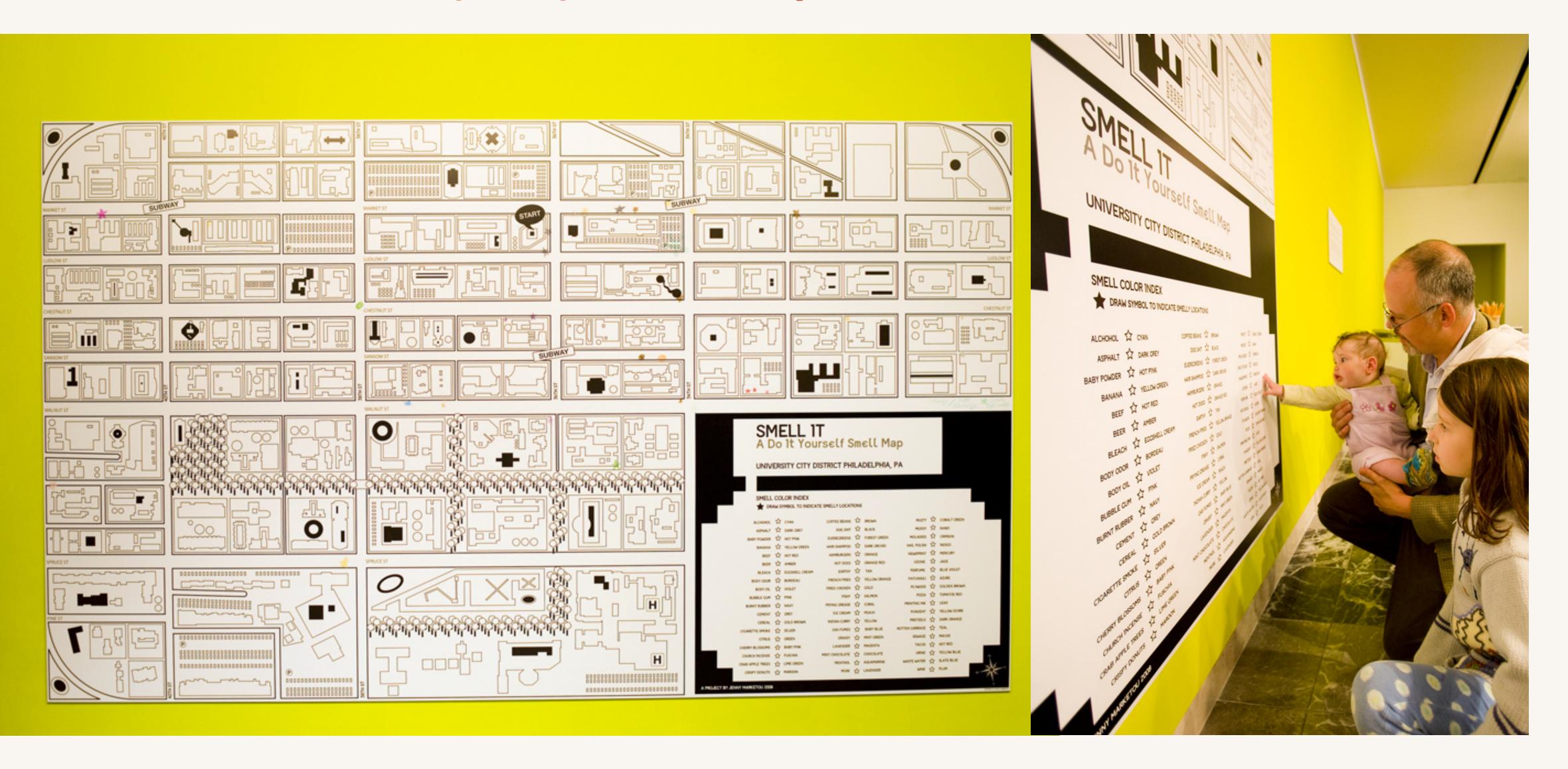
same path was taken. At the moment when the smell of baking canopy (also known as scent plume) was extrapolated using the detectors doughnuts was first detected, the time, location, and duration of locations of onset then cessation of Dunkin' Donuts to the point at which the perimeter observed. Perhaps worth noting is the anecdotal (unquantified) would aid in data collection. The above evidence being utterly

inconclusive indicates the need for further research and careful

study of Dunkin' Donuts scent plume and urban threshold odor

detection in general.

## /crowdsourced DIY (2009) - Philadelphia



## /digital mashup (2006) - New York



# /hashtag sourced smell sources (2015) - London



# the smellscape

"The smellscape is the olfactory equivalent of a visual landscape...

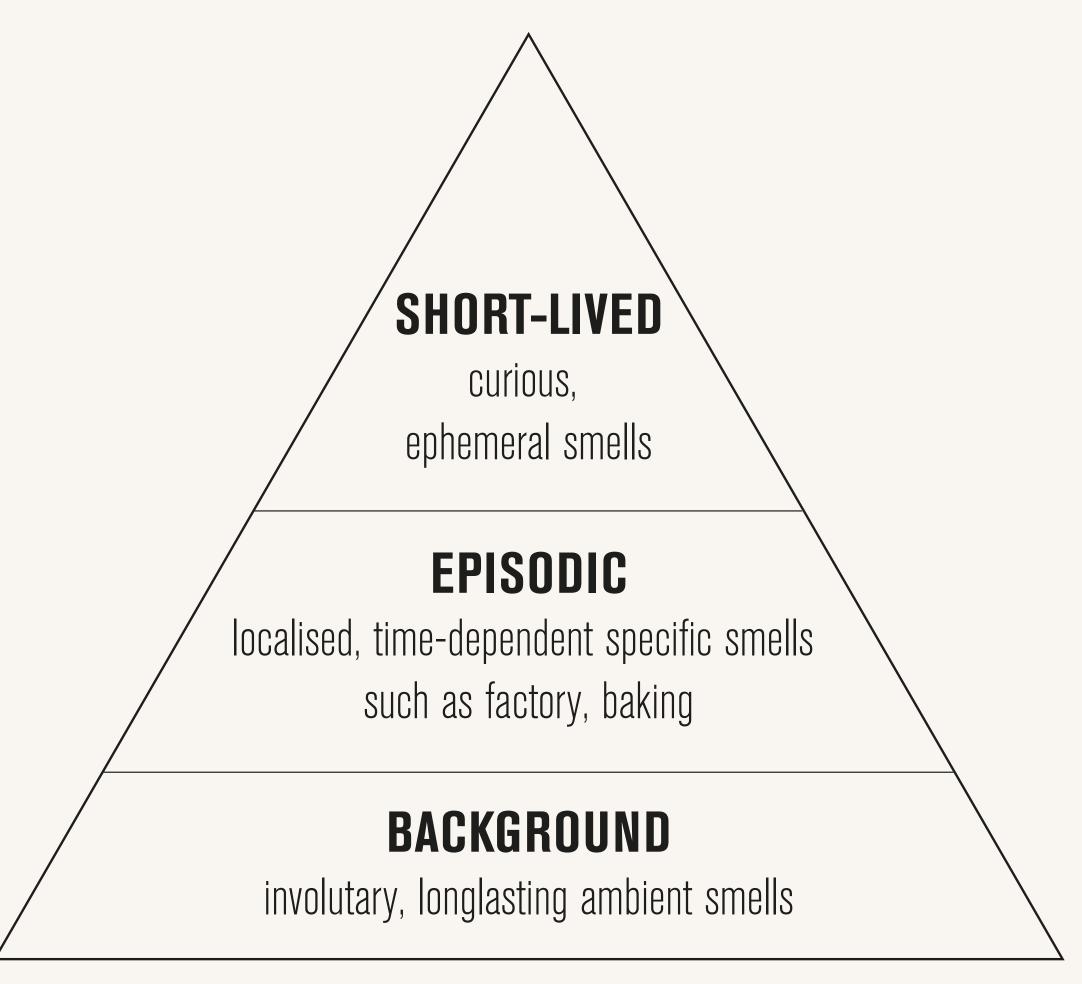
"... a spatial and temporal construct... [which] may be embodied, experiential, ingested and immersive, or objectified"



(McLean, 2019)

#### /theoretical smellscape: perfumery pyramid & urban smellscape

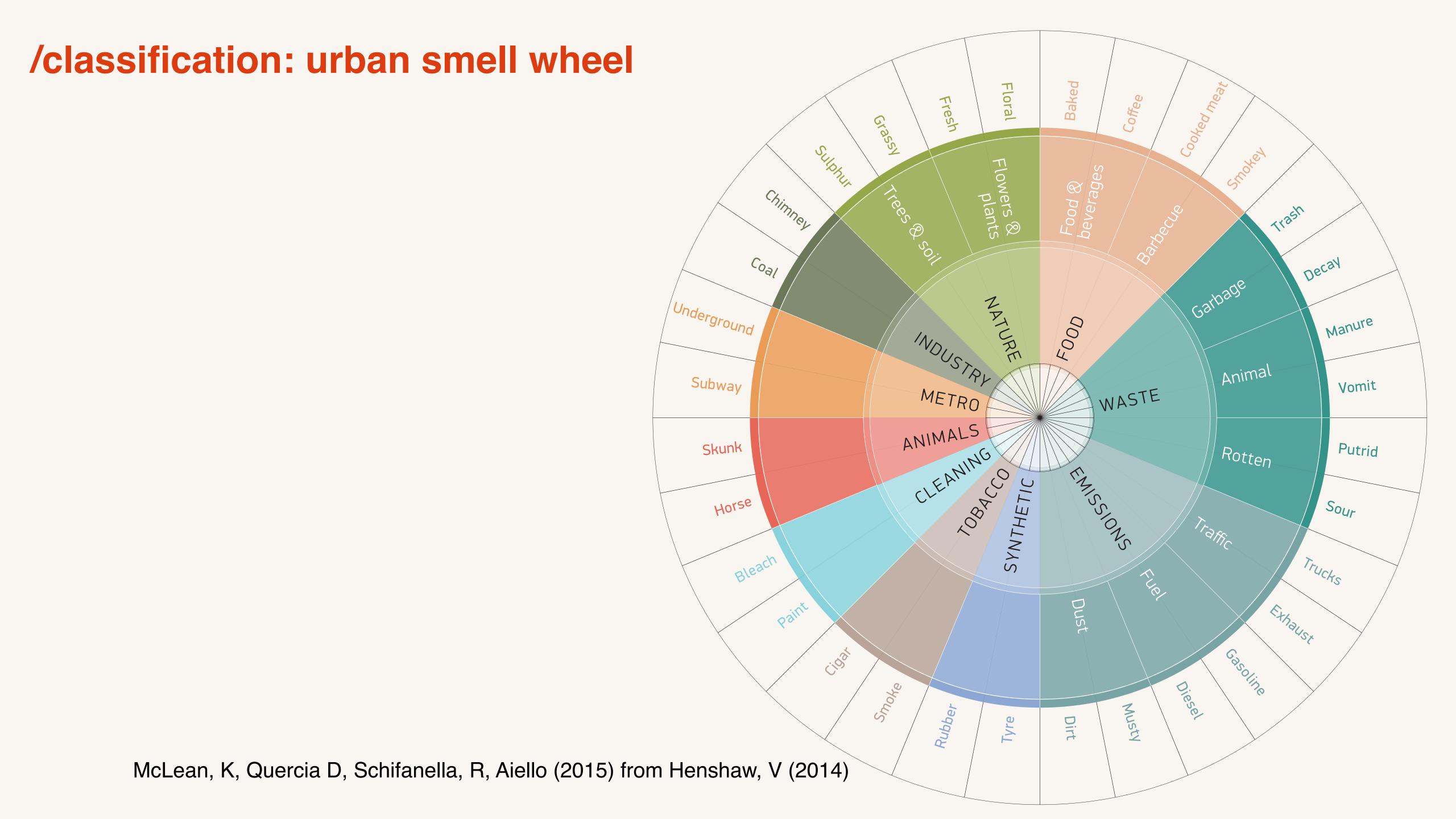




#### /theoretical smellscape: potential dataset

(Total smells humans can detect is 1 trillion / number of human breaths per day) 1,000,000,000,000\* / 24,000\*\* = 41,666,667 days to detect every smell

Total number of years to detect every smell 41,666,667 / 365 = 114,155 years if



#### /classification comparison

#### Inner Ring - Classification Systems

LINNEAUS (1752) Odores Medicamentorum

EDWARDS (1992) Fragrance Wheel

NOBLE (revised 2002) Wine Aroma Wheel

CASTRO ET AL (2013) Perceptual Dimensions

HENSHAW (2014) Urban

#### **Outer Ring – Smell Descriptors**

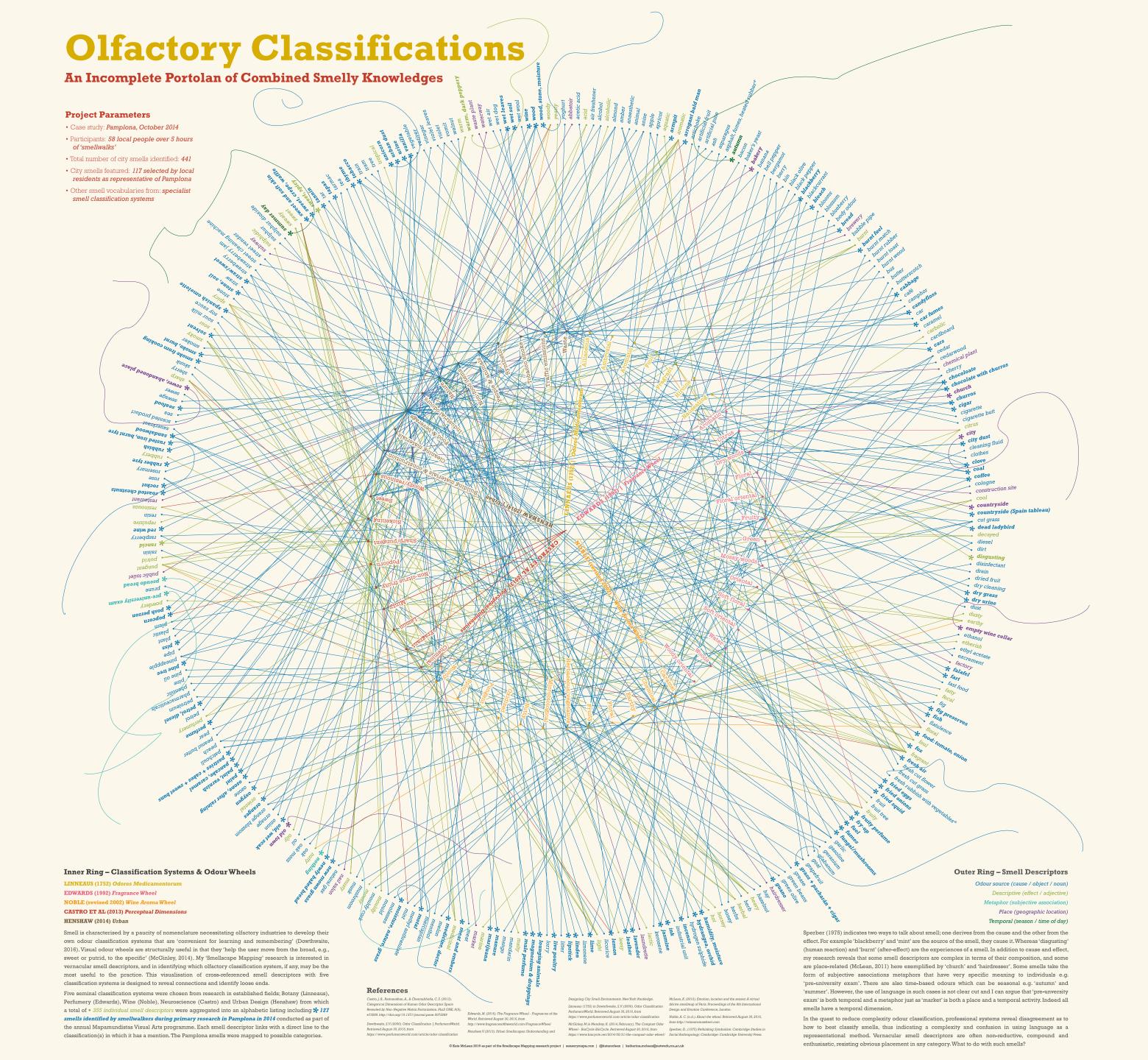
Odour source (cause / object / noun)

Descriptive (effect / adjective)

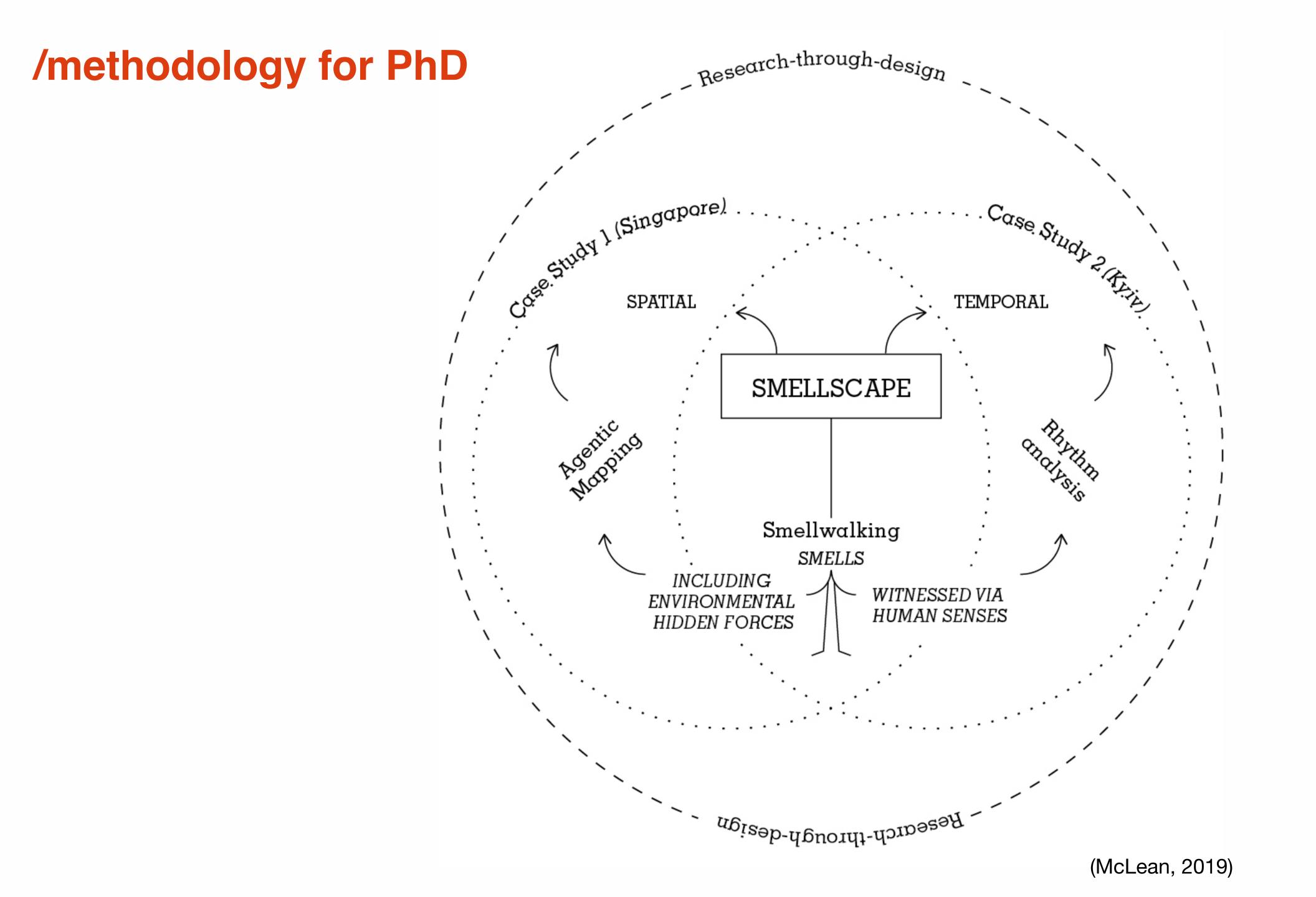
Metaphor (subjective association)

Place (geographic location)

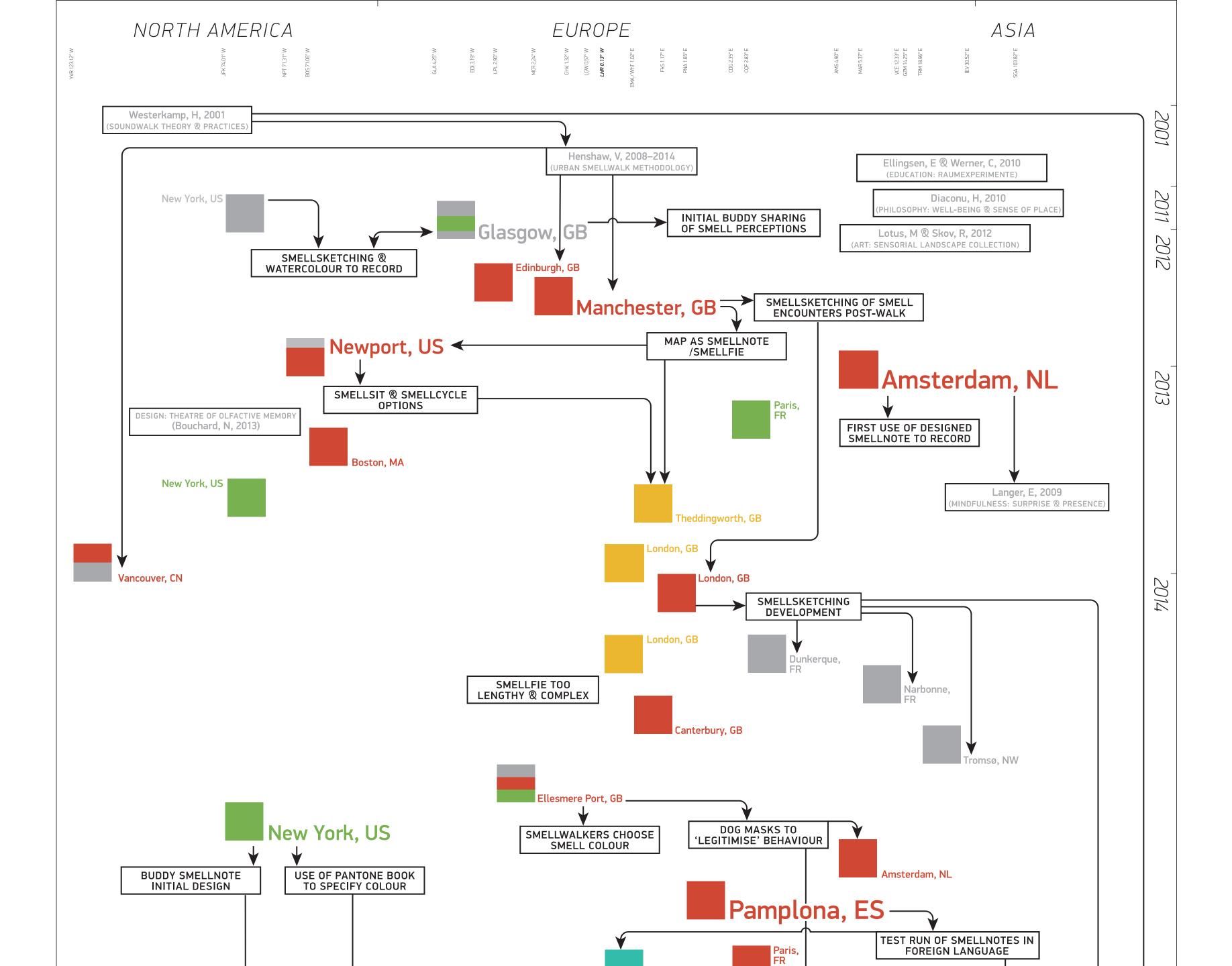
Temporal (season / time of day)

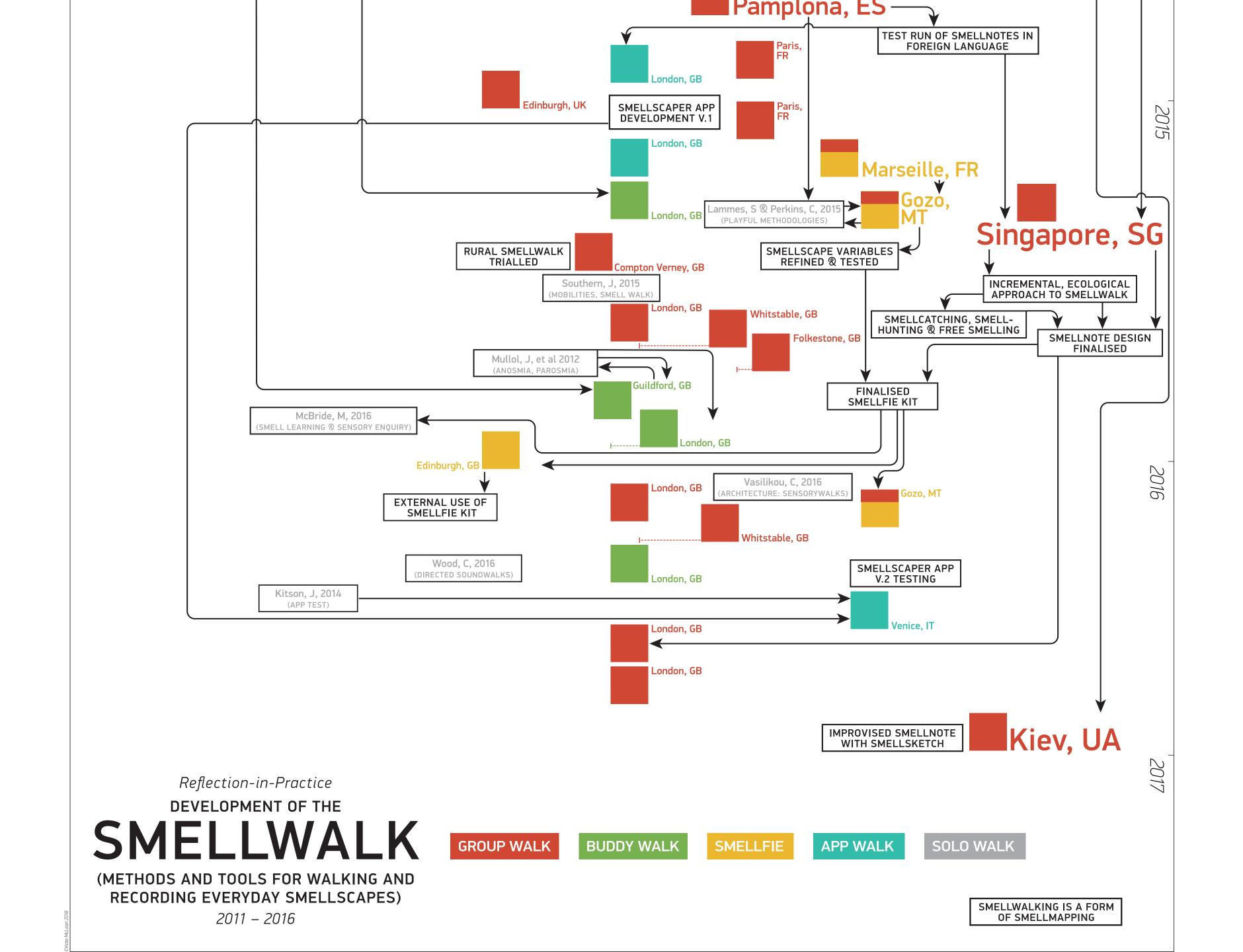


# Methodology



#### /smellwalks





#### smellwalk: a tool for data collection

- A sensewalk, Adams et al (2008), in which information received through the nose is foregrounded and recorded
- A methodology for determining phenomenological experience of place/space
- First interrogated through lens of human geography by Porteous (1985)
- Used extensively within urban planning and design by Henshaw (2014)
- Sequential recording of smells generates an experiential narrative.

## /stage 1. smell catching



Photo: Harkin, B of Smellwalk NYC © Kate McLean (2014)

# /stage 2. smell hunting

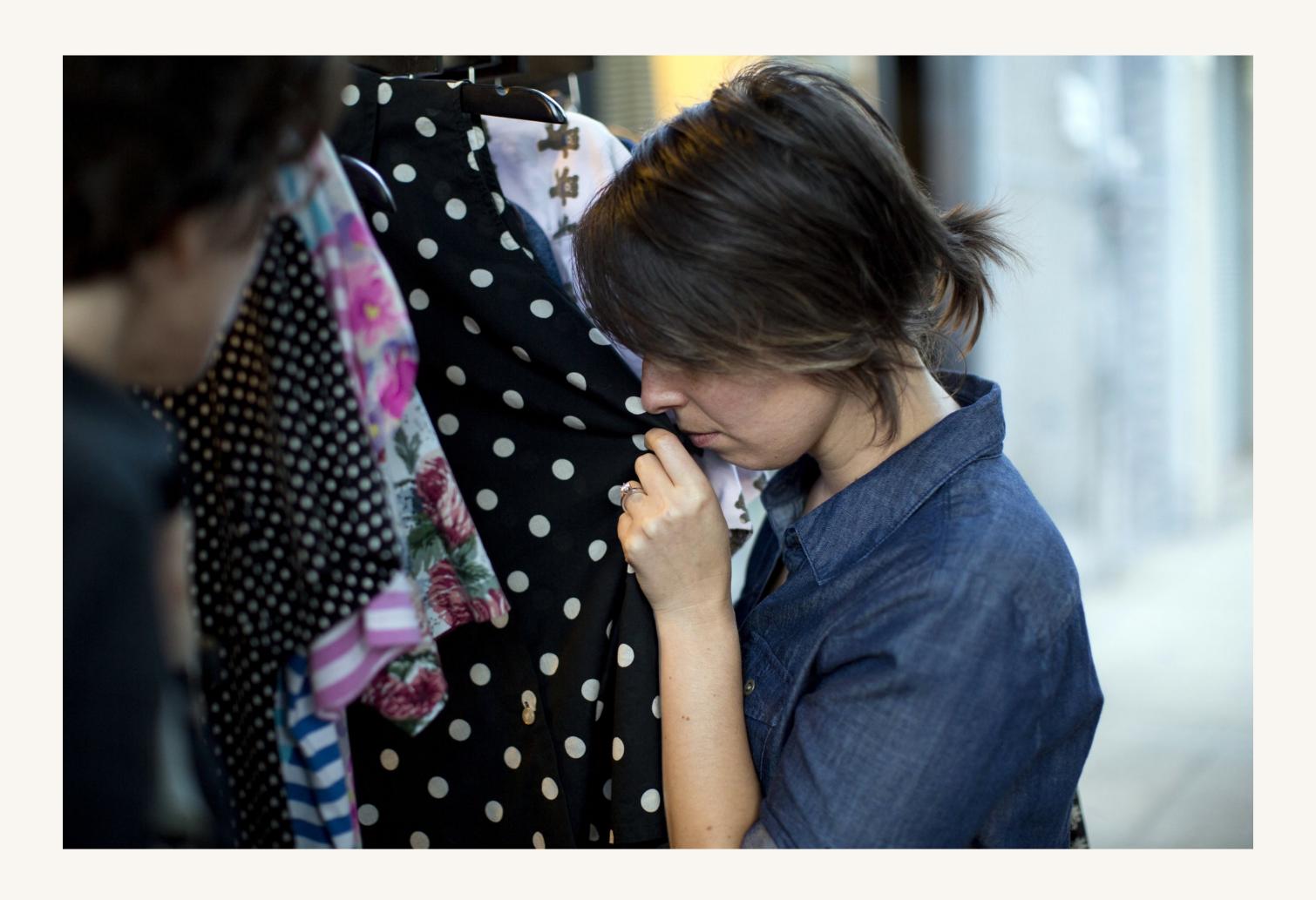


Photo: Harkin, B of Smellwalk NYC © Kate McLean (2014)

# /stage 3. free smelling



# /transgressive behaviour?



Photo: Harkin, B of Smellwalk NYC © Kate McLean (2014)

#### **SMELLWALKPLACEMONTHYEAR**

#### "Humans can discriminate at least 1 trillion olfactory **stimuli"** (Bushdid et al, 2014)

"Unlike the eyes, we can't close our noses. We breath 24,000 times a day immersed in smells, but only paying scant attention. Despite digital sensor development the nose remains the most sensitive data collection device that exists for smell information. This anti-technological method is designed to encourage discussion about the human and ephemeral-environment reciprocity as mediated by the human body.

Smellwalking (walking 'nose-first') proposes a knowledge of the world through individual sensory information. Smellwalking is a recognition of the fleeting, embracing a sense of the elusive, generating the sensations of being a detective with a giant magnifying glass that enlarges the olfactory world.. Through three staged short walks we will come to know 'nose-first'.

Name:

I rate my sense of smell as: Very sensitive Sensitive

Average

Poor

Very poor

Comments. What did you take from the experience of walking nose-first?

#### **SMELLWALKPLACEMONTHYEAR**

Smellwalk with: Name of smellwalk leader

**Date:** Day and date

Time: Time of walk

**Smell Catching Zone** 

City, Postcode/ZIP

Meet: Place / time **Start:** Place / time **Stop #1:** Place / time

3 Stop #2: Place / time

4 End: Place / time Smell Hunting Zone Smell Research Zone

© OpenStreetMap contributors

a record of a smell experience including at a minimum naming a smell

#### /smellnote



# ...may also include qualitative datafields to record the intensity, duration, hedonic tone, expectation and association of a smell

#### **SMELLWALKPLACEMONTHYEAR**

Smell no. (pinpoint the smell number on the map)		Smell intensity (weak strong)	Smell duration (short long)	Smell like/ dislike (dislike like)	Expected smell? (yes no)	Comments & thoughts
1.	Smell Catching (airborne smells, distant, )	••••	• • • • • •	••••	•	
2.		•••••	•••••	•••••	•	
3.		•••••	•••••	•••••	•	
4.		• • • • • •	•••••	•••••	•	
5.	Smell Hunting (interesting smell sources, close-up	•••••	•••••	•••••	•	
6.		•••••	•••••	•••••	•	
7.		•••••	•••••	• • • • • •	•	
8.		• • • • • •	•••••	• • • • • •	•	
9.	Smell research (your choice of 4 linked smell experiences)	•••••	•••••	• • • • • •	•	
10.		• • • • • •	• • • • • •	• • • • • •	•	
11.		•••••	•••••	•••••	•	
12.		• • • • • •	•••••	•••••	•	
13.	Summary smell (pick one smell from today's experience)	• • • • •	•••••	• • • • • •	•	

#### /smellwalk side effects

- new encounter with a familiar environment
- reinforces individuality of experience, facilitates shared understanding



# /completed smellnote

Scent on the	
map)	
1.	Paskinokinelling (scerigenatablegross your path) Constantion, Sandal
2. 5	fabric. Exhaux, puble
3. 7 3	vegetable, former, sentige
4. 8	fried food pasmin, bood
5.	Active smelling (scents you seek out)
6. Brun	agunny sack moody
7. 3tz	post box - oily, coffee
8. 3	metal-flooral Spart bour - dried Jaldehyry
9.	Free smelling (your choice of active or passive smelling)
	serame or
10. 3	herbal, dried, rose, medical
11. 8	cherry mother grill food
12. 3 7	balery legges alcohol firewall
The second secon	

McLean (2019)

## /choosing smell colours



 selecting colours for scent encounters from Pantone Matching system

## Case Study 1:

Spatial dimensions of smell: Singapore

## Case Study 2:

200 years of olfactory heritage: Widnes

Smell changes across space.

Cartographic representations of smell to imagine what would happen if we could 'see smells'.

## /a) scentscape: analysis and symbolisation

#### Scentscape 06. 2015 City of Singapore

Scent selections from database for inclusion

Scent category		Colour	Neighbourhood	•	Duration
Background	Humidity		Off-shore Brani Island	? ~	7 (+ 1)
(Base notes)			Marina Bay	7	7 (+ 1)
	~		Off-shore ECPz	7	7 (+ 1)
	Spicy, smokey, hot		Chinatown	7	5
			Katong	7	5
			Toa Payoh	7	5
Episodic	Roti prata + curry		* Katong	6	6
(Middle notes)			Kampong Glam	4	3
			ECP	4	3
			Chinatown	7	5
			Little India	6	5
	Shisha		* Kampong Glam	7	5
	Herby, minty, bitter, dried		* Chinatown	6	5
	1101%, 111110, 810001, 411001		Sentosa	2	2
			ECP	5	4
			Katong	3	3
			Kampong Glam	4	3
			Gardens by the Bay	5	4
	Salt, seawater & salty air		* Sentosa	5	6
	Sait, seawater & saity air		ECP	5 5	
				3	4
			Katong		3
			Kampong Glam	4	3
	N D		Gardens by the Bay	5	4
	Manila Rope		* ECP	4	4
			Kampong Glam	5	6
	Unpolished wood		* Gardens by the Bay	2	3
			Chinatown	4	2
			Sentosa	2	6
			ECP	2	3
			Katong	7	6
			Kampong Glam	6	6
	Jasmine		* Little India	3	4
			Chinatown	6	3
			Gardens by the Bay	5	4
			Katong	3	6
			Kampong Glam	1	4
			Sentosa	7	7
	Perfume, floral		* Orchard Road	5	2
			Gardens by the Bay	6	4
			Sentosa	4	1
			Chinatown	3	3
			Katong	5	2
			Kampong Glam	6	6
	Durian		* Toa Payoh	$\overset{\circ}{\gamma}$	7
	D di luli		Chinatown	4	3
			Little India	5	5
Curiogitas	Dinosaur		Marina East	$\frac{5}{7}$	5 7
Curiosity (Top notes)					
	A hard life		Orchard Road	6	5
			Gardens by the Bay	1	1
	Broccoli / deep dark secrets		Gardens by the Bay	1	

<sup>\*</sup> Representative smell of the neighbourhood

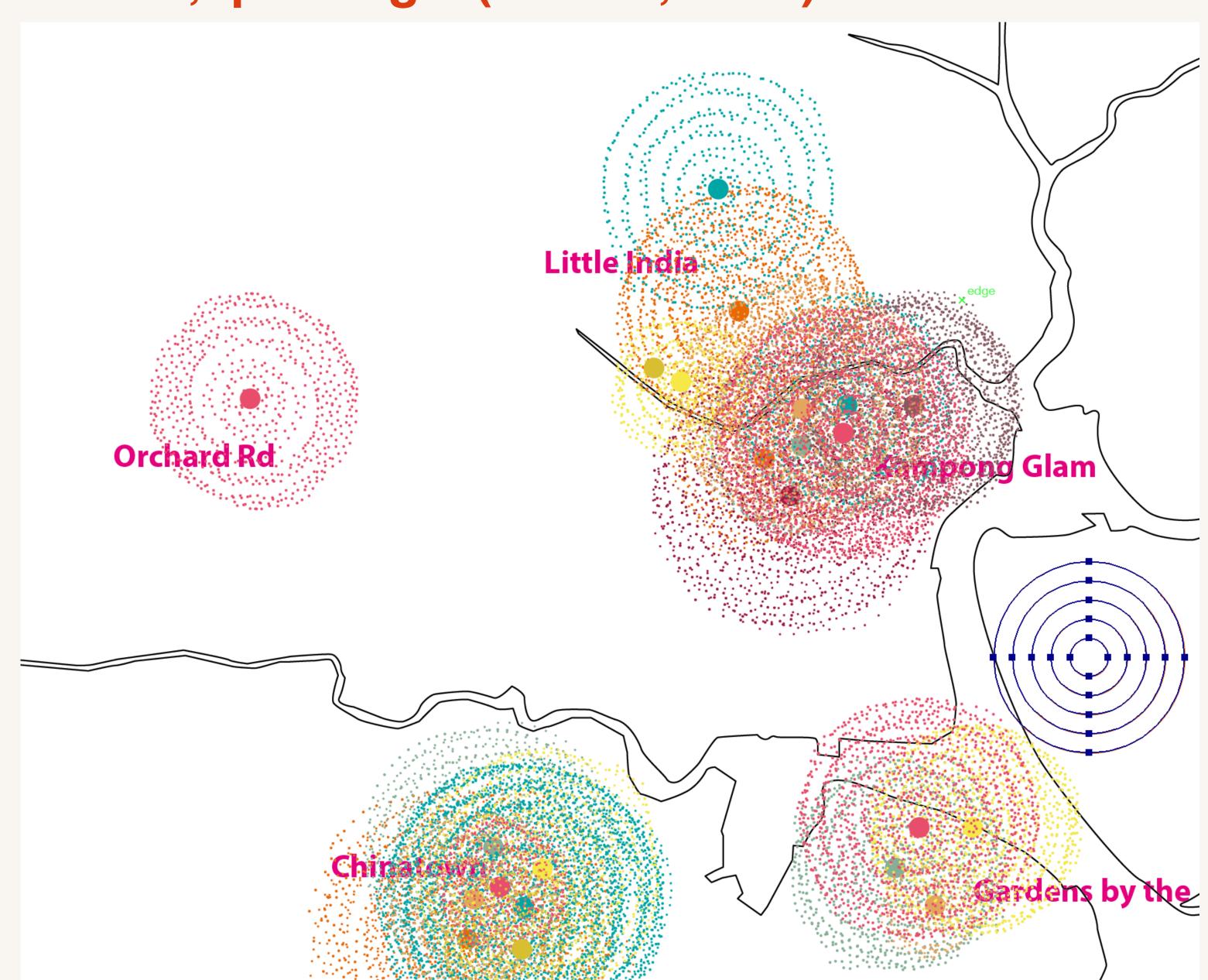
#### Smell icons for creative mappings

Desimini and Waldheim<sup>14</sup> argue that as design re-engages with cartography we should consider revisiting representational techniques to reconnect with the ground portrayed in the map. One technique employed by cartographers, to visualise a constant value, is the isoline (contour line). I suggest that this familiar visual language can also be used to indicate the perceived intensity of a smell. And in representing an invisible, volatile cloud extant visualisation might be repurposed to reveal the immersive potential in mapping invisible and ephemeral sensory percepts.

invisible and	ephemeral sensory percepts.	
Intensity		Average intensity of 1 = 1 single ring of tiny dots  Average intensity of 7 = 7 concentric rings of tiny dots
Duration		Average duration of 1 = 1 single set of (concentric) rings  Average duration of 7 = 7 sets of (concentric) rings  Angle of rotation = $360^{\circ}$ No. of layers
Movement		Concentric 'smell isolines' are manipulated according to wind direction and speed recorded over to period of the research, creating cloud of smelldata.
3-D Model  **Aution of smell**		The north-east section of Scentscap 06.2015 Singapore was isolated an explored in detail. The smelldata in the form of individual dots was represented by beads hung in dimensional space. Height (z-axis) repesents smell duration.

 $<sup>29-32\</sup>mid$  Smellscape map symbol creation ©2016 Kate McLea

## /mapping process: 'fields', 'extracts', 'plottings' (Corner, 1997)

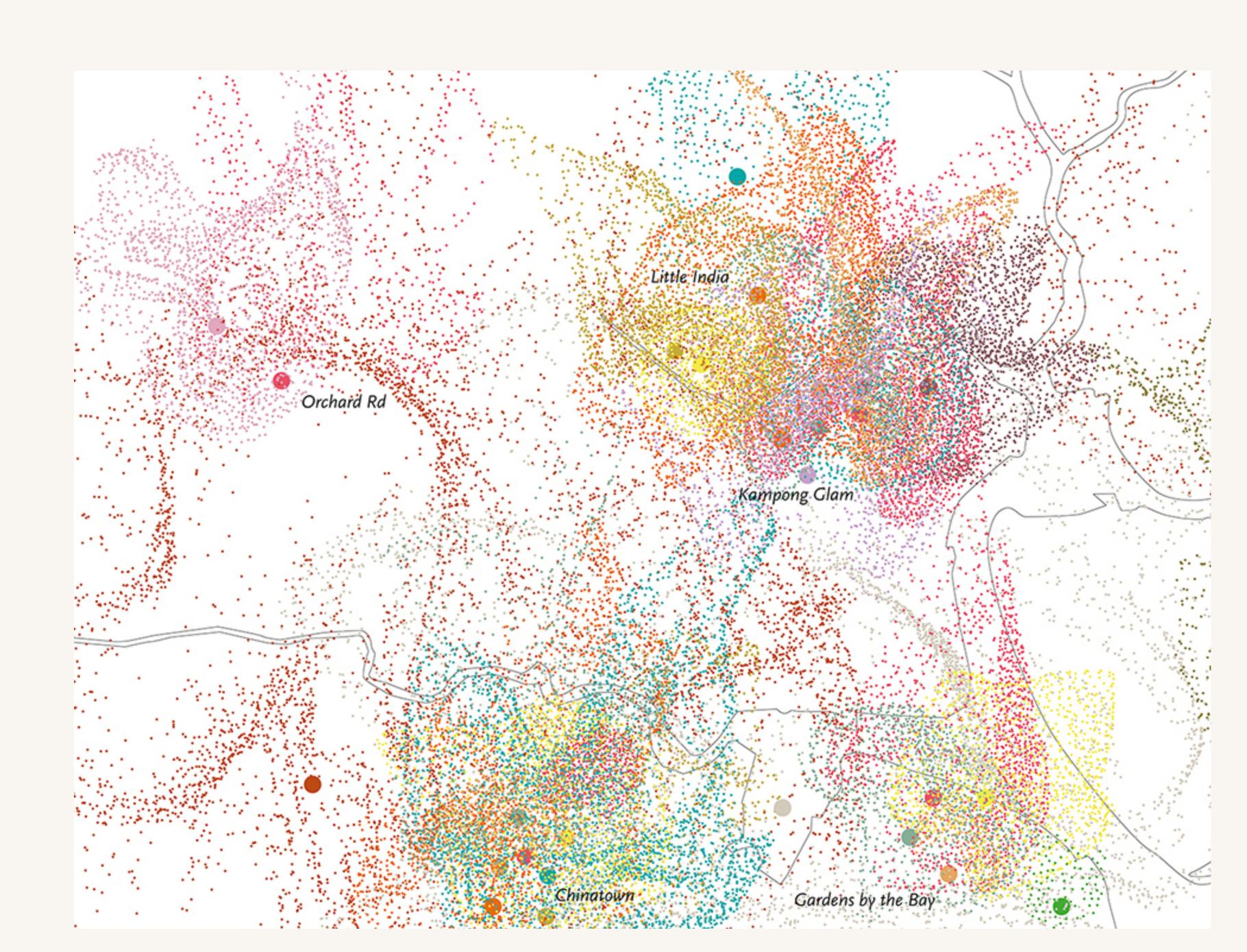


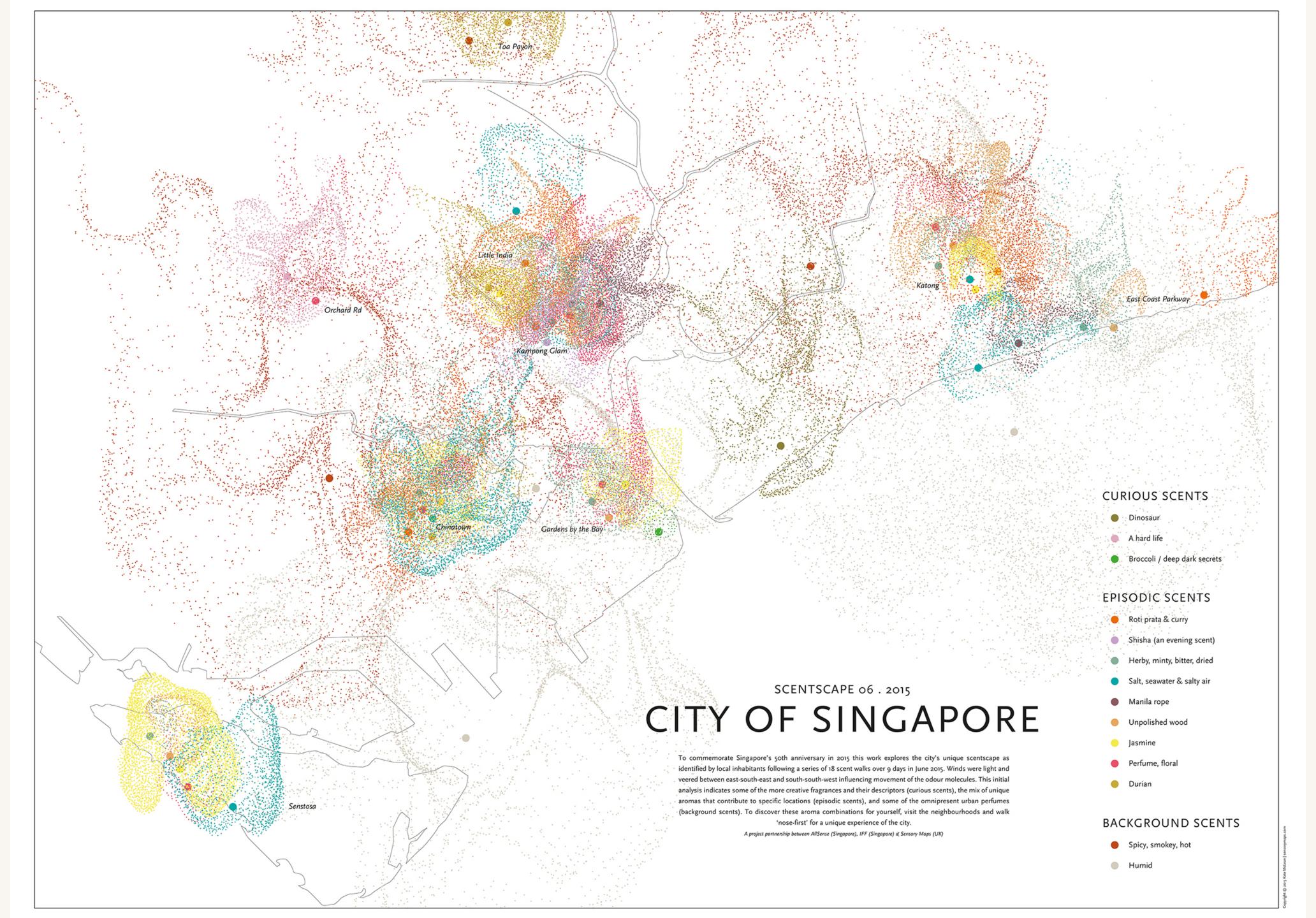
'Mapping operations' (Corner, 1999) of:

- 'fields' boundaries
- 'extracts' observed
- 'plottings' new latent relationships

## /scentscape mapping

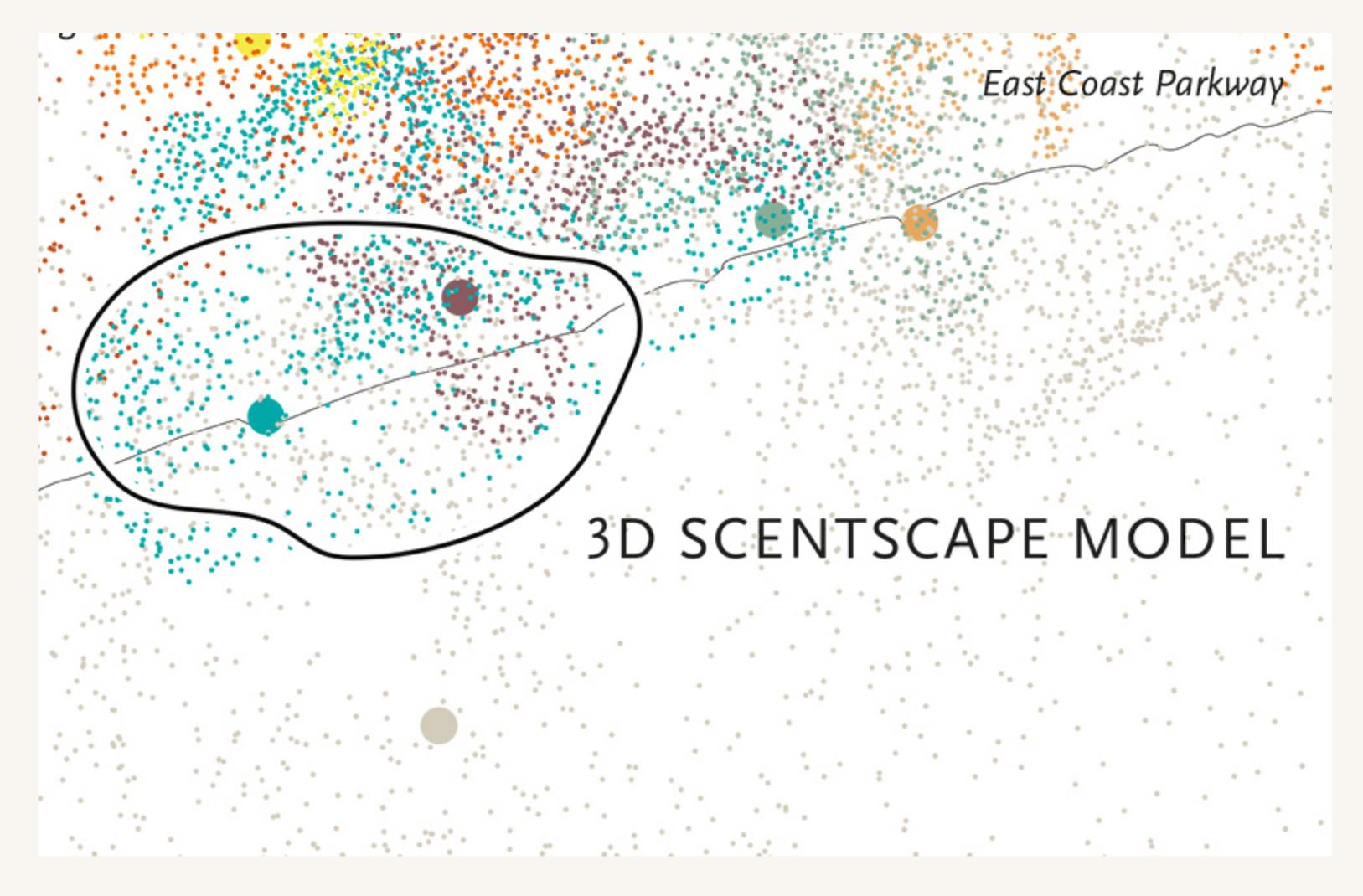
 Application of mapping conventions, layers and symbols, to depict complexity of the smellscape



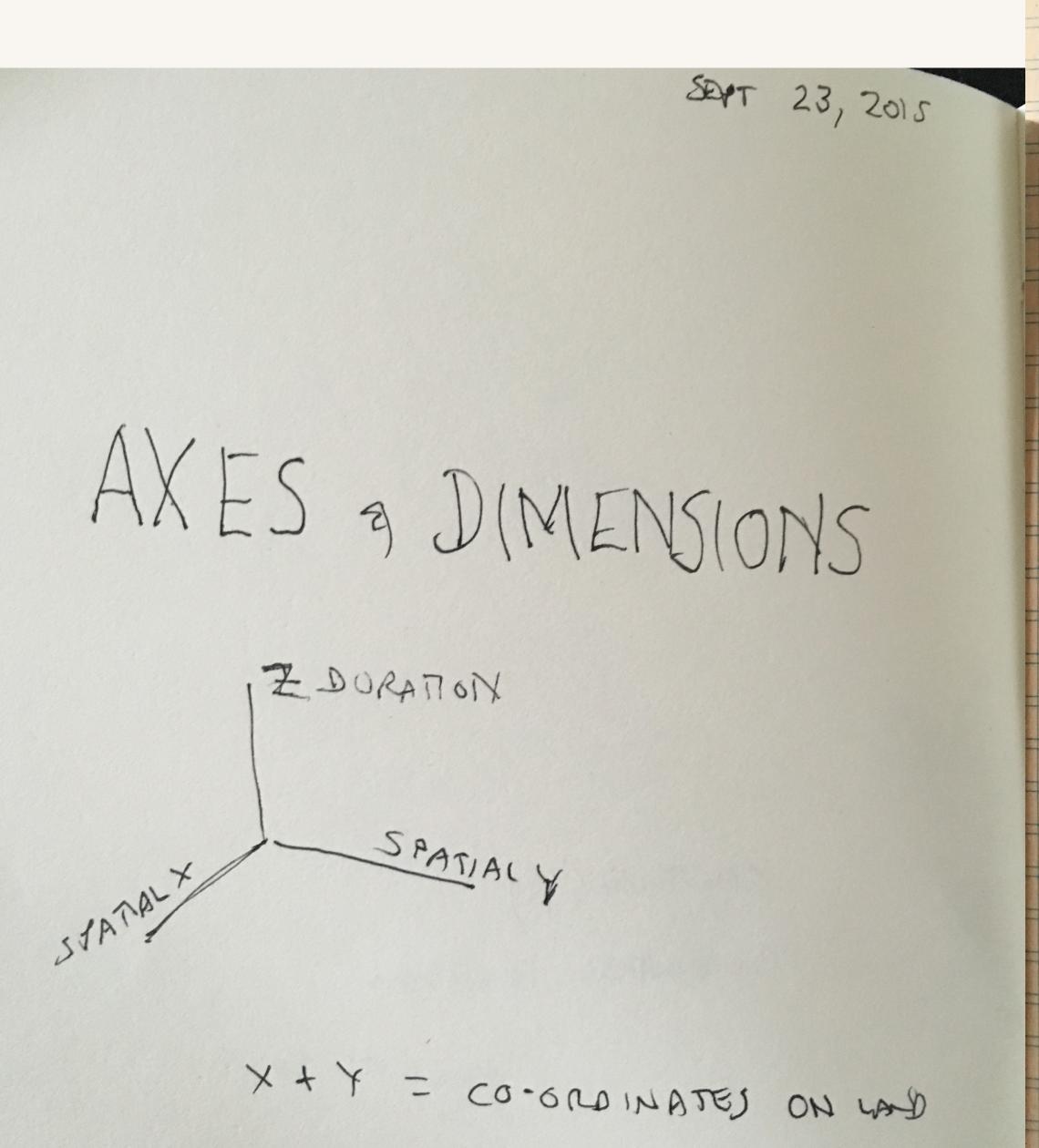


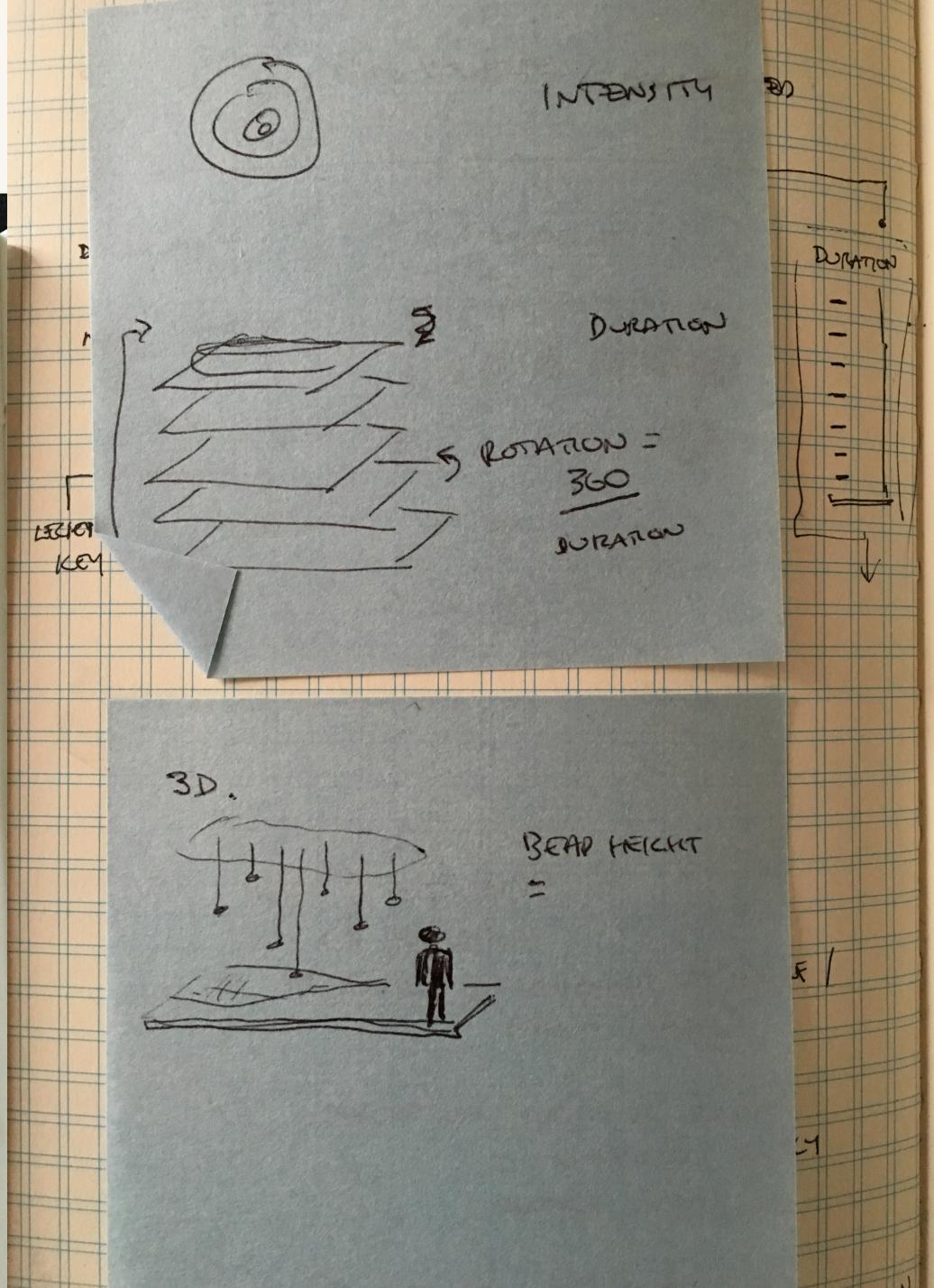
## /volumetric scentscape

 Data physicalisation, 'encoding data in physical artefacts' (Huron, 2017) explored the relationship between people and airborne scents

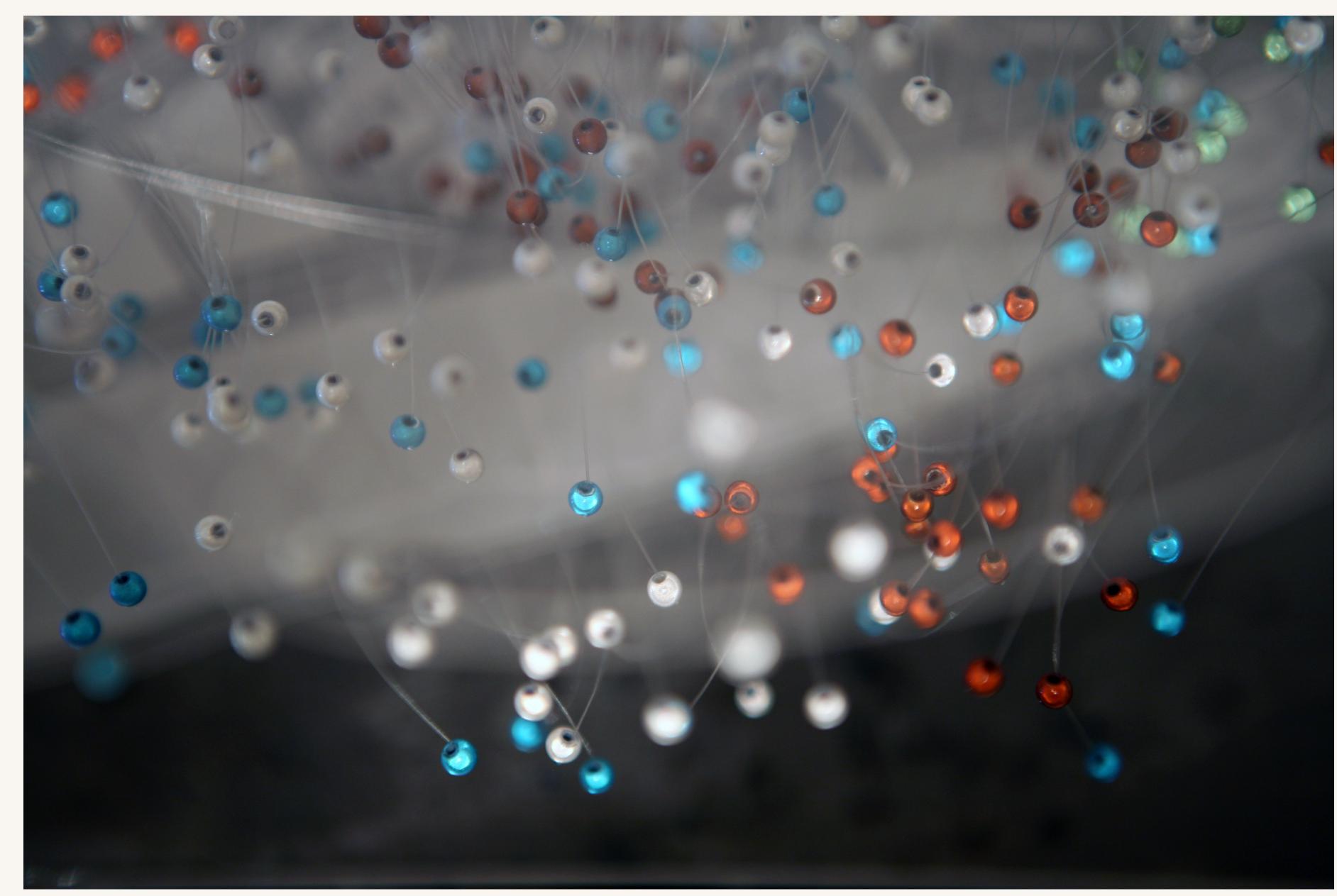


### /3D model



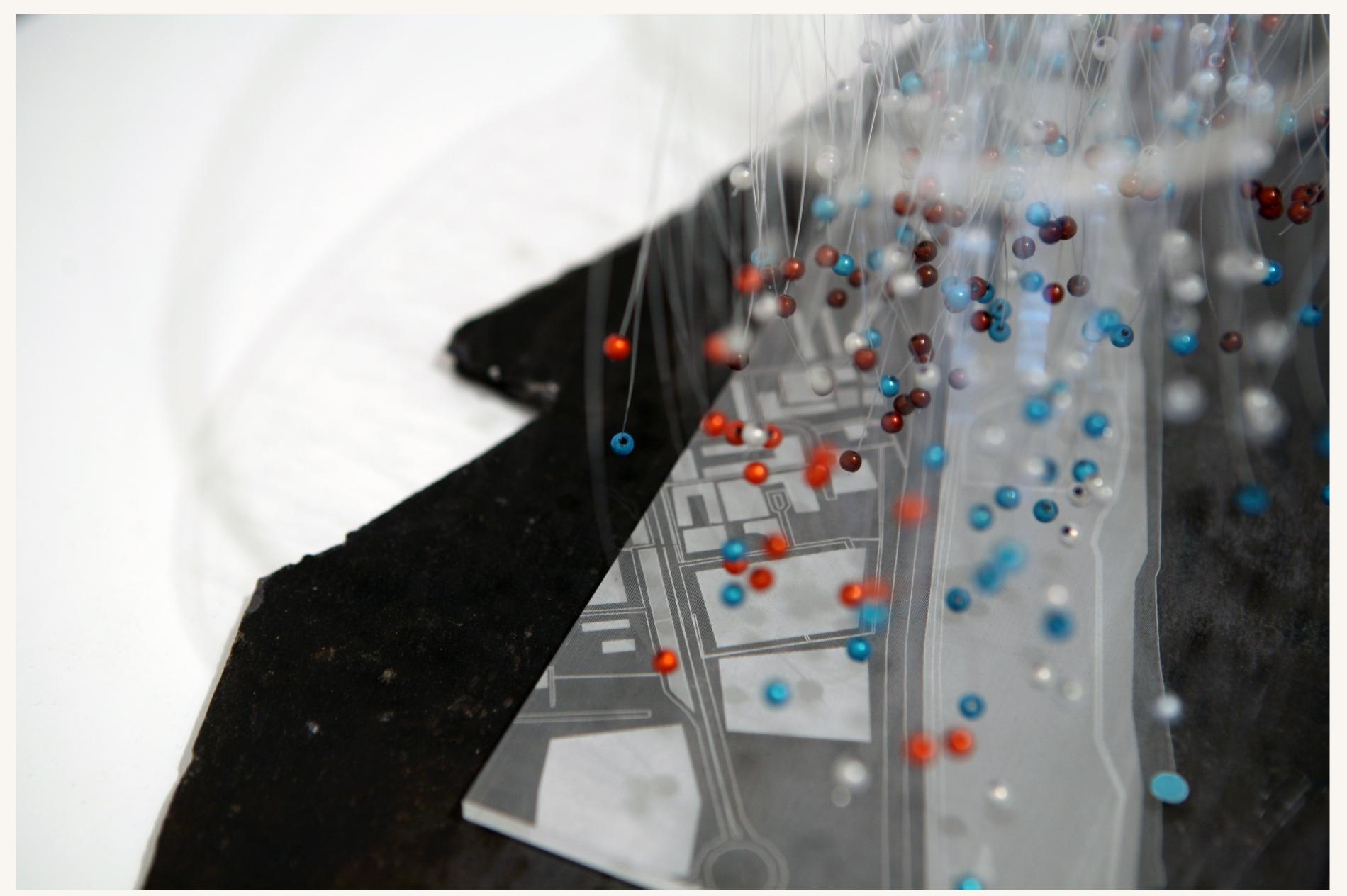


## /dimensionality of smell



 beads on nylon thread knotted into clear acrylic represent the physicality of smell molecules

## /dimensionality of smell



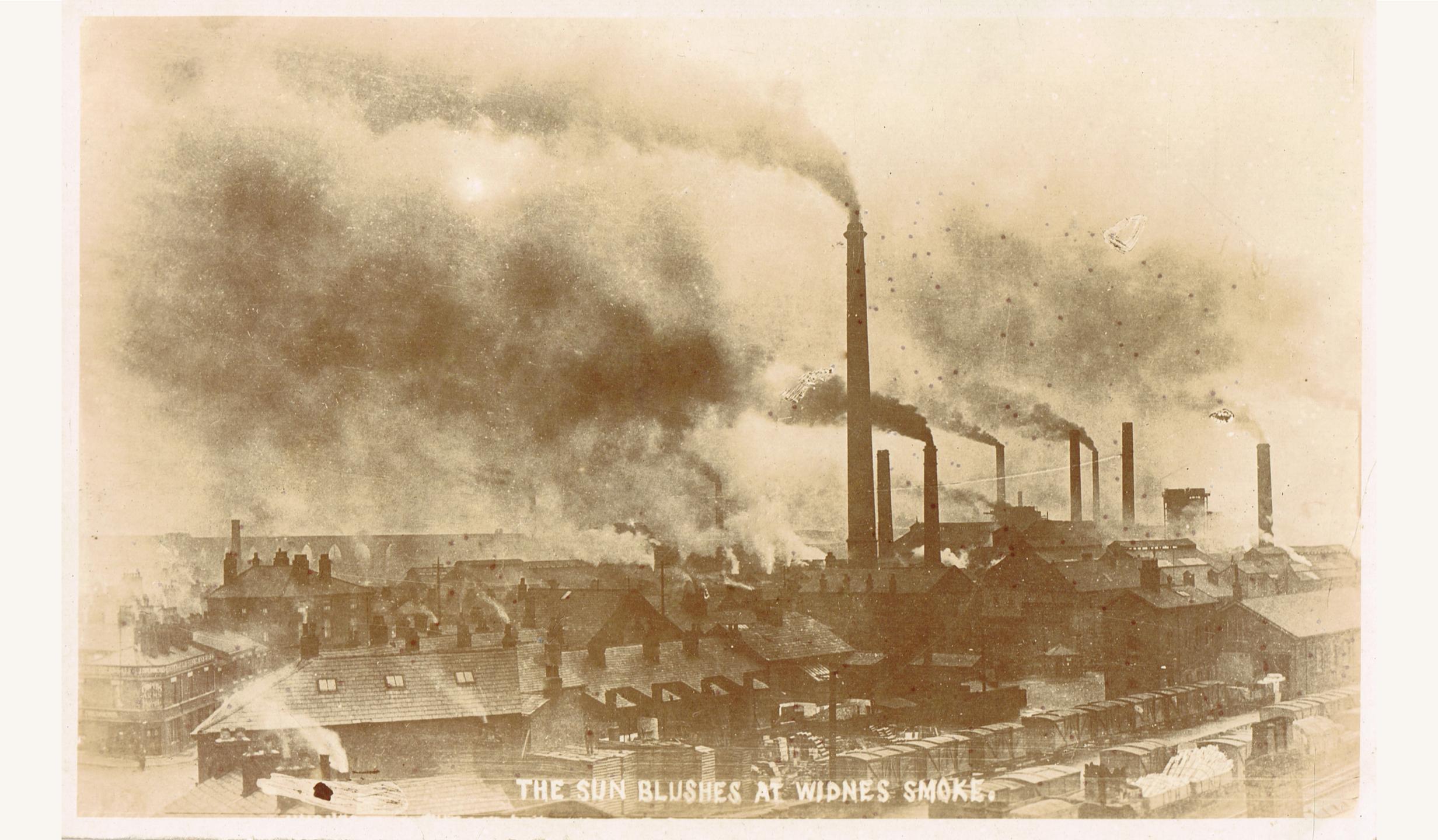
· etched acrylic base map

## /if we could see smells...



 Figure highlights latent ecological relationships between smells and people Smell changes over time.

Cartographic representations of change as a form of 'social cartography' (Habegger and Mancila, 2006: 6).



## Stuart Turton on Widnes: 'It was famous for its smell. On bad days, the air punched you in the nose'

Paul Simon was apparently so demoralised by the place he wrote 'Homeward Bound' on the station platform - but unlike Turton, he was only visiting



▲ Widnes, with the Fiddlers Ferry power station in the distance. Photograph: Joanne Moyes/Alamy

n a map, it looks as if it's sidling up to Liverpool to scrounge a cigarette. Manchester has taken a step back, probably to get away from the smell. Widnes was famous for its smell. The town was basically a load of chemical factories and manufacturing plants with some houses squished between them. On bad days, the air punched you



McLean (2019)

#### **Two Centuries** of Stink

Smell description:

Weak beer

Smell intensity (circle one option)

Weak

Smell location e.g. (B,4): ( J,4)

Mersey Rd Street name (if known):

Strong

Interesting info about the smell:

Smell of beer, warmth and company in the Angel Public House

Do you know when it was?

(Please circle approximate date)

1860 – 1880	1940 – 1960
1880 – 1900	1960 – 1980
1900 – 1920	1980 – 2000
1920 – 1940	2000 – 2020

#### **Two Centuries** of Stink

Smell description:

Stinking Widnes

Smell intensity (circle one option)

Weak

Smell location e.g. (B,4): ( Street name (if known): across the town

Interesting info about the smell:

"there are few people who have not heard of stinking Widnes and its melancholy surroundings"

Do you know when it was?

(Please circle approximate date)

1860 – 1880 1940 - 1960 1880 – 1900 1960 – 1980

1900 - 1920 1980 – 2000

1920 – 1940 2000 - 2020

#### **Two Centuries** of Stink

Smell description:

Opening the front door / poverty

Smell intensity (circle one option)

Weak

1920 – 1940

2000 - 2020

Smell location e.g. (B,4): ( [,5) Street name (if known):

Interesting info about the smell:

Across narrow streets "distinct noises and smells of the neighbourhood confronted the residents"

Do you know when it was?

(Please circle approximate date)

1860 – 1880 1940 - 1960 1880 – 1900 1960 - 1980 1900 – 1920 1980 – 2000

#### Two Cent of Stin

Smell description:

Gushes of hydrochloric

Smell intensity (circle one of Weak

Smell location e.g. (B,4): (E Street name (if known):

Interesting info about the s Inside the saltcake furnaces in the pr overpowering

Do you know when it was (Please circle approximate date)

1860 – 1880 194 1880 - 1900 196 1900 – 1920 198 1920 – 1940 200

#### Two Centuries of Stink

Smell description:

Opening the front door / poverty

#### Two Centuries of Stink

Smell description:

Gushes of hydrochloric gas

McLean (2020)





McLean (2020)

#### **SMELL VISUALISER**

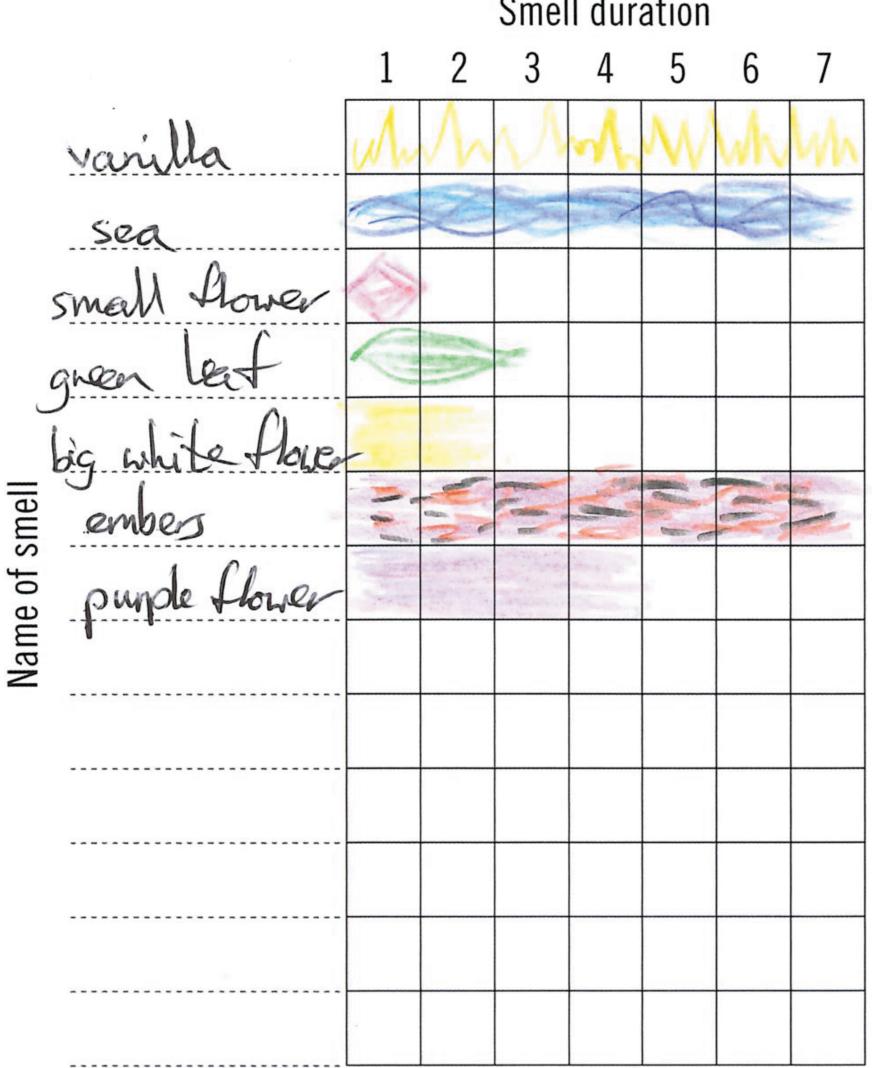
#smellwalk |

place

3015

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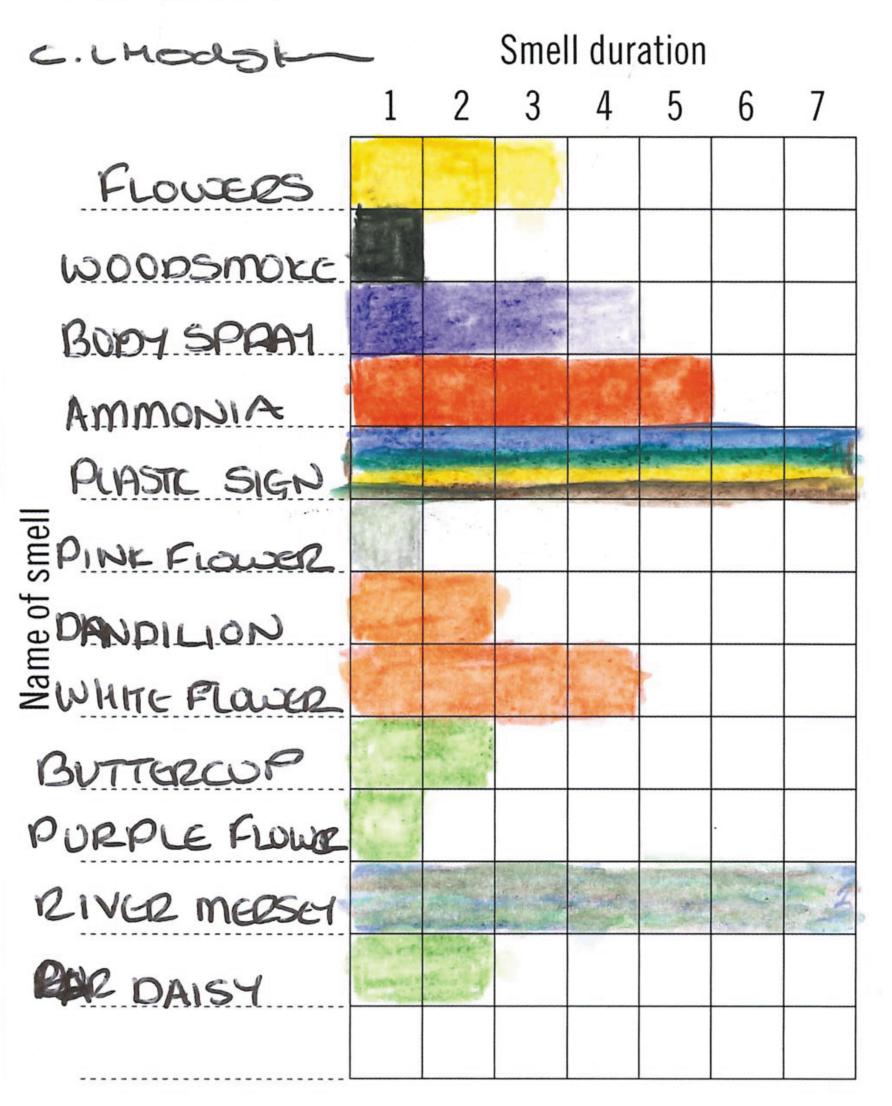




#### **SMELL VISUALISER**

#smellwalk | widnes | 29105/21

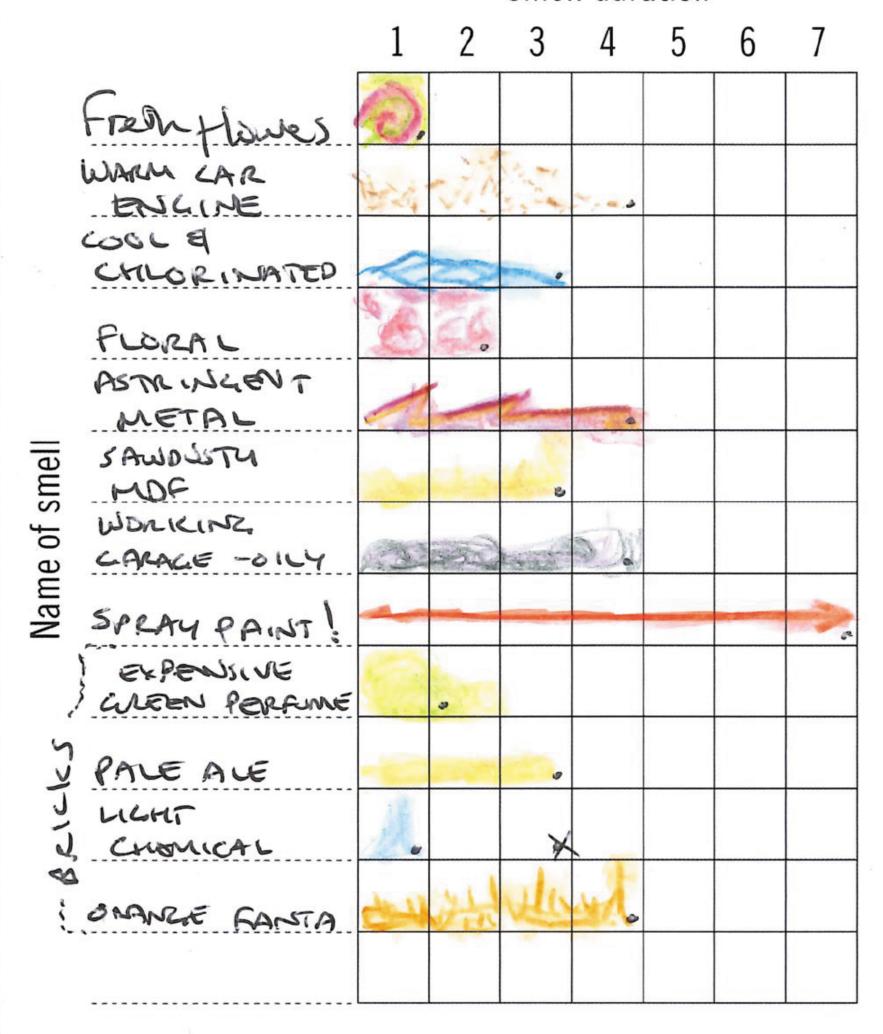
© Kate McLean 2021



#### **SMELL VISUALISER**

#smellwalk | Winners Novem | 30 05 2020 © Kate McLean 2021

Smell duration



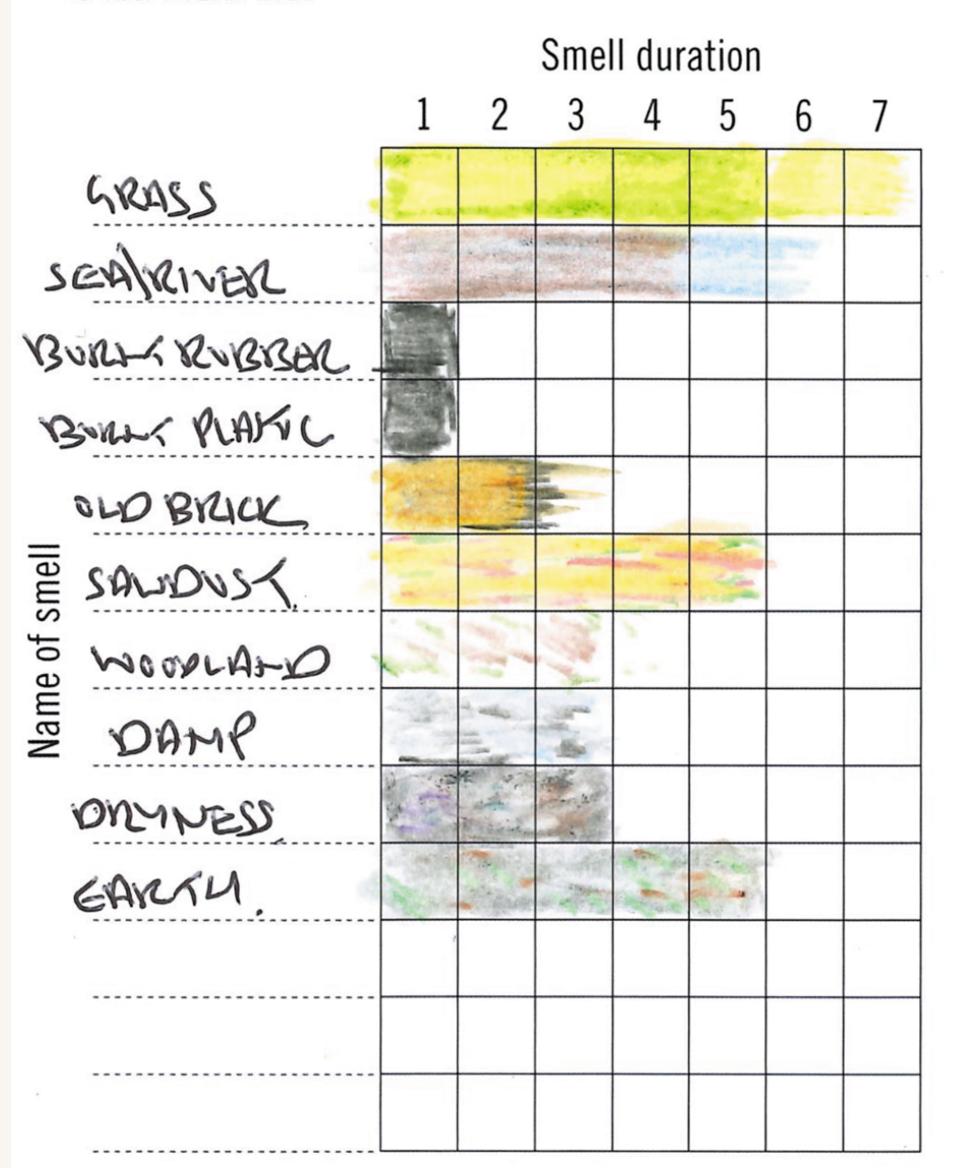
SMELL VISUALISER

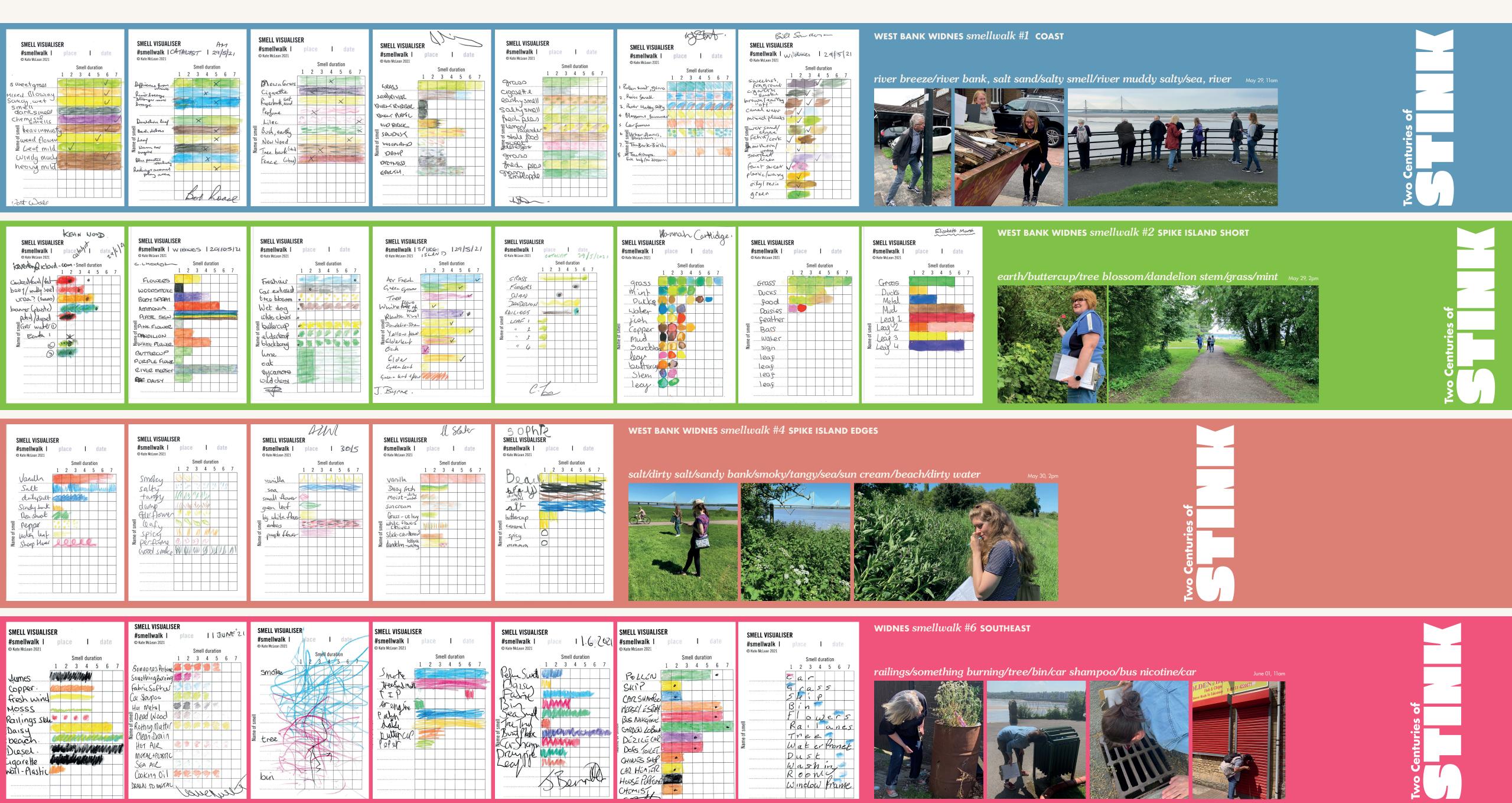
#smellwalk |

place

date

© Kate McLean 2021





leapoull

https://aromaprime.com/ cut-grass-aroma-oii/ https://aromaprime.com/ sea-mineral-aroma-oii/ https://aromaprime.com/ sea-mineral-aroma-oii/ https://aromaprime.com/ vinegar-aroma-oii/ https://aromaprime.com/ boiled-cabbage-aroma-oii/ https://aromaprime.com/ chlorine-gas-aroma-oii/ https://aromaprime.com/ coal-soot-aroma-oii/ https://aromaprime.com/ coal-soot-aroma-oii/ https://aromaprime.com/ coal-soot-aroma-oii/ https://aromaprime.com/ coal-soot-aroma-oii/ https://aromaprime.com/ carboiic-soap-aroma-oii/ https://aromaprime	Aroma Prime (purchase option)	Smell (scientific)	Smell (from research)	Visual 1	Visual 2	Visual 3	Handling Collection / Physical Sample
sea-mineral-aroma-oil/ selphide (bacteria eating dead phytoplankton) plus weak hydrogen suphide (seaweed)  https://aromaprime.com/ vinegar-aroma-oil/ https://aromaprime.com/ boiled-cabbage-aroma-oil/ https://aromaprime.com/ chlorine-gas-aroma-oil/ https://aromaprime.com/ coal-soot-aroma-oil/ https://aromaprime.com/ carbolic-soap-aroma-oil/		Green leaf volatile		Smellwalk photo	Smellwalk photo	Photo of the Bongs?	
vinegar-aroma-oil/       photo       1930s       product         https://aromaprime.com/boiled-cabbage-aroma-oil/       Stronger dimethyl sulphide (emitted as cabbage cooks)       Street housing with front doors open       ?         https://aromaprime.com/chlorine-gas-aroma-oil/       Chlorine       Chlorine       Bleach packer       Alkali works         https://aromaprime.com/coal-soot-aroma-oil/       ??       Smog/coal smoke       Chimneys Image         https://aromaprime.com/carbolic-soap-aroma-oil/       Carbolic       Soap       Gossages image       Gossages Soap sample         https://aromaprime.com/carbolic-soap-aroma-oil/       Ammonia       Ammonia       Outhouses - West Bank       ICI Paraquat factory		sulphide (bacteria eating dead phytoplankton) plus weak hydrogen	Salty, muddy water	Smellwalk photo	•	Photo barges	
boiled-cabbage-aroma- oil/       sulphide (emitted as cabbage cooks)       front doors open         https://aromaprime.com/ chlorine-gas-aroma-oil/       Chlorine       Bleach packer       Alkali works         https://aromaprime.com/ coal-soot-aroma-oil/       ??       Smog/coal smoke       Chimneys Image         https://aromaprime.com/ carbolic-soap-aroma-oil/       Carbolic       Soap       Gossages image         https://aromaprime.com/ carbolic-soap-aroma-oil/       Ammonia       Outhouses - West Bank       ICI Paraquat factory		Acetic acid	Vinegar	•			
chlorine-gas-aroma-oil/         https://aromaprime.com/ coal-soot-aroma-oil/       ??       Smog/coal smoke       Chimneys Image         https://aromaprime.com/ carbolic-soap-aroma-oil/       Carbolic       Soap       Gossages image         https://aromaprime.com/       Ammonia       Outhouses - West Bank       ICI Paraquat factory	boiled-cabbage-aroma-	sulphide (emitted as	Cooking cabbage		?		
coal-soot-aroma-oil/       https://aromaprime.com/       Carbolic       Soap       Gossages image       Gossages Soap sample         carbolic-soap-aroma-oil/       https://aromaprime.com/       Ammonia       Outhouses - West Bank       ICI Paraquat factory		Chlorine	Chlorine	Bleach packer	Alkali works		
carbolic-soap-aroma-oil/     sample       https://aromaprime.com/     Ammonia     Outhouses - West Bank     ICI Paraquat factory		??	Smog/coal smoke	Chimneys Image			
		Carbolic	Soap	Gossages image			
		Ammonia	Ammonia		ICI Paraquat factory		

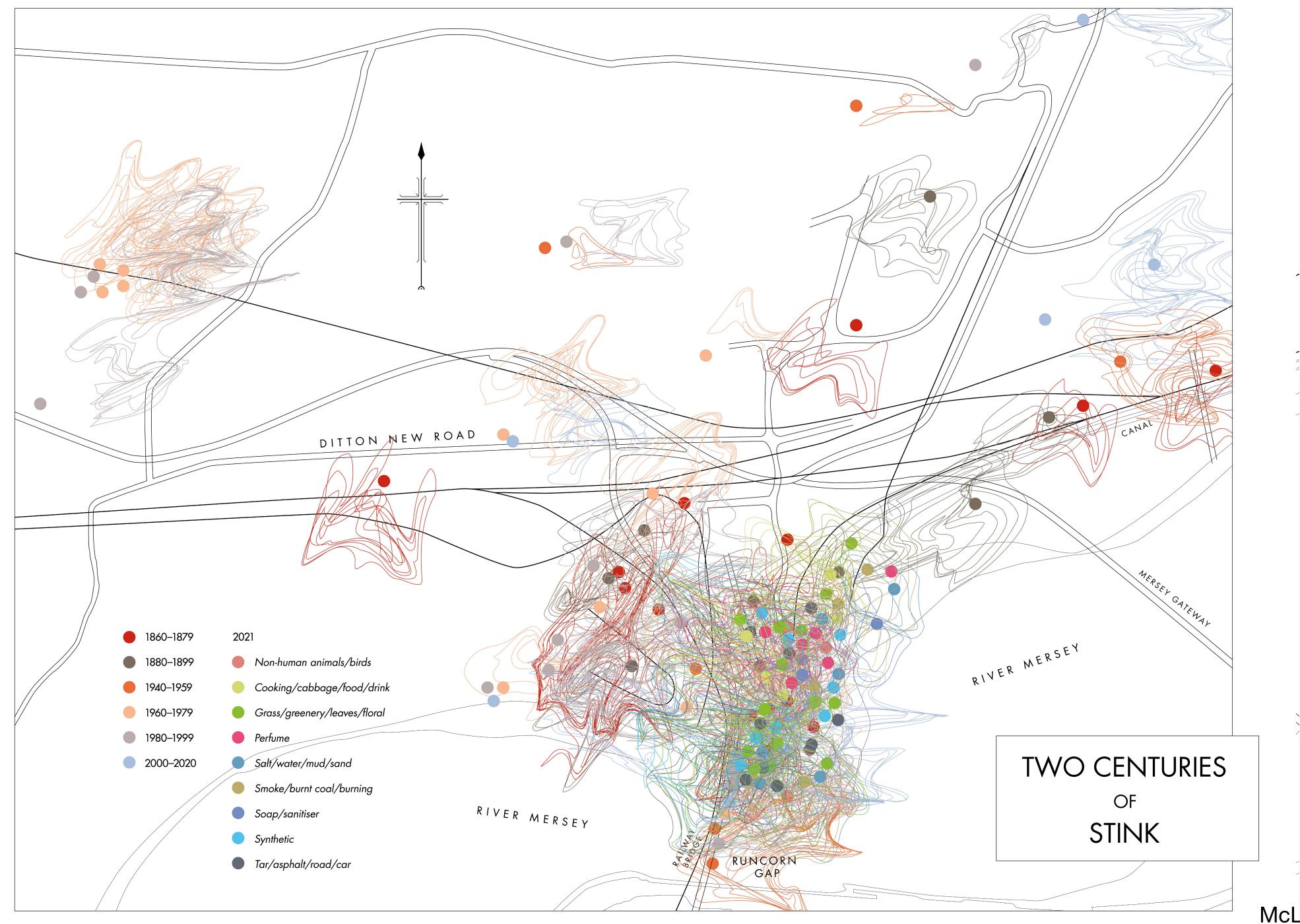
Intriguing aromas have long been a feature of life in Widnes. With the arrival of the chemical industry in the 19th century, the town changed beyond all recognition, gaining a reputation as having the deeply unpleasant "Widnes Odour".

According to one writer, "When it comes to Widnes, it would be an advantage to lack a nose." Though we disagree! Smell plays an important part of our unique local heritage. The social and cultural values that we ascribe to smell are an essential part of the histories of our towns and cities and reveal much about the changing lives and landscape of our community.

Led by olfactory artist and designer Kate McLean, we embarked on a quest to 'smell map' Widnes, to turn two centuries of stink into visual and sensory form for the first time. Beginning in Catalyst's archives, we searched historic records for descriptions of smell. We then asked people in the community what smells they, or their families remembered, and invited them to plot these onto a map. Finally, in May 2021 we facilitated a series of smell walks where local people collected 'nose first' data to describe the smell of Widnes in the present. See panels 2-4 to follow the project and to see and smell our findings.







## TWO CENTURIES OF STINK

## Interior spaces.

## Hospital corridors smellscape

With "Sensing Modern Health/care Environments" network

Interdisciplinary project

Pandemic-restricted

#### FROM THE WAITING ROOM

- A lingering smell of food in corridors (quite a meaty smell, like cottage pie)
- Burnt chicken, or toast
- Sweaty/sticky/stale odour of a waiting room
- Non-specific disinfectanty smell found particularly in hospital corridors

- Clean, like citrus
- Bleach/disinfectant used in loos
- Disinfectant wipes (sickly sweet layered over artificial flowers)
- Disinfectant
- Purell, alcohol wipes

#### **COMBINATION**

- Mix of a floor cleaner & rubber
- Rubber, disinfectant, mince and an acrid smell that cut through from the dressings cupboards

- Soap in a bowl of hot water used to find a vein for chemo
- Latex gloves
- Something sterile

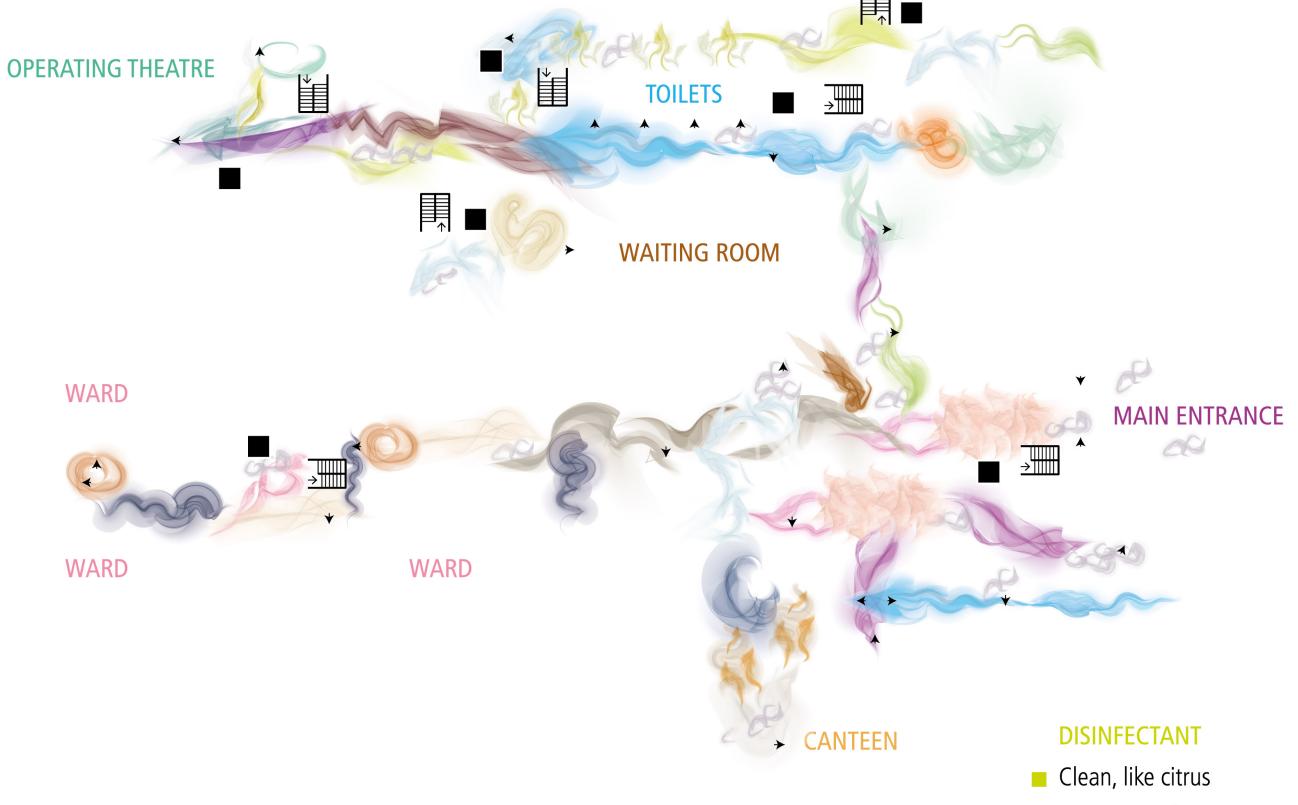
#### FROM THE WARD

- Hot wipes
- Rubber mattress
- Welcome slices of buttered toast
- First cup of tea after general anaesthetic (cosy and warm)

#### FROM THE CANTEEN

- Weak insipid coffee
- Heart-sinking yet also nostalgic canteen food
- Coffee and nachos





Welcome to a virtual

### Hospital Corridor Smellscape

Olfactory data recalled by 27 former hospital patients, workers and visitors. February 2020.

Hospital smells are both intense and pervasive; they mingle in the corridors forming memorable but bizarre smell combinations.

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#### **KEY TO SMELL COLOURS**

#### **PEOPLE**

- Nail varnish remover
- Slightly sweet and difficult to identify; floral, leftover smell of passer-by's perfume
- Old people
- Many bodies in a space, odours from all orifices and on clothing, sheets, seats...

#### FROM THE OPERATING THEATRE

- Chemically metallic, silver and rouge – tubing
- Metallic stale blood
- Soap in a bowl of hot water used to find a vein for chemo
- Latex gloves
- Something sterile

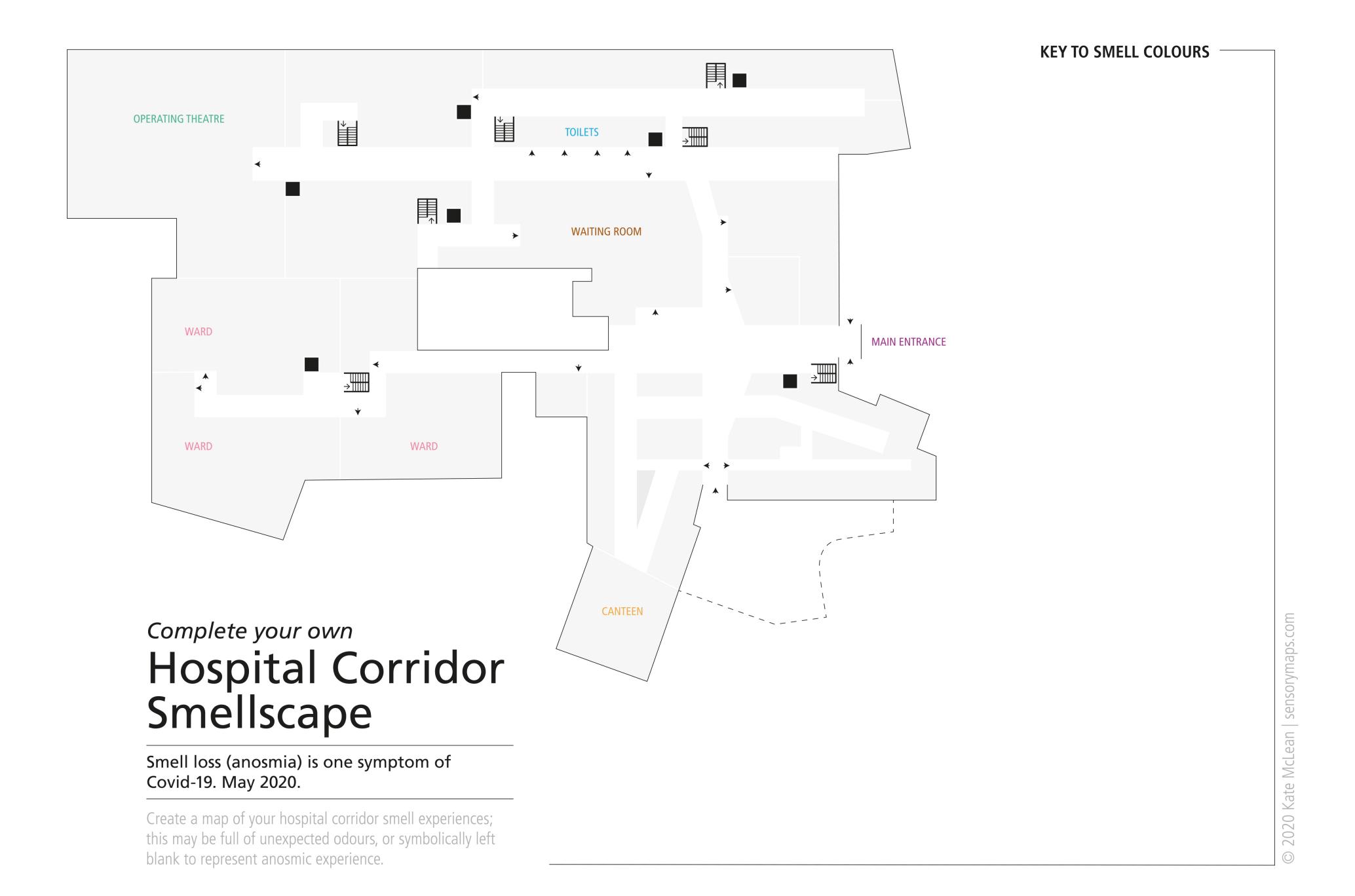
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3 2020 Kate McLean | sensorymaps.com

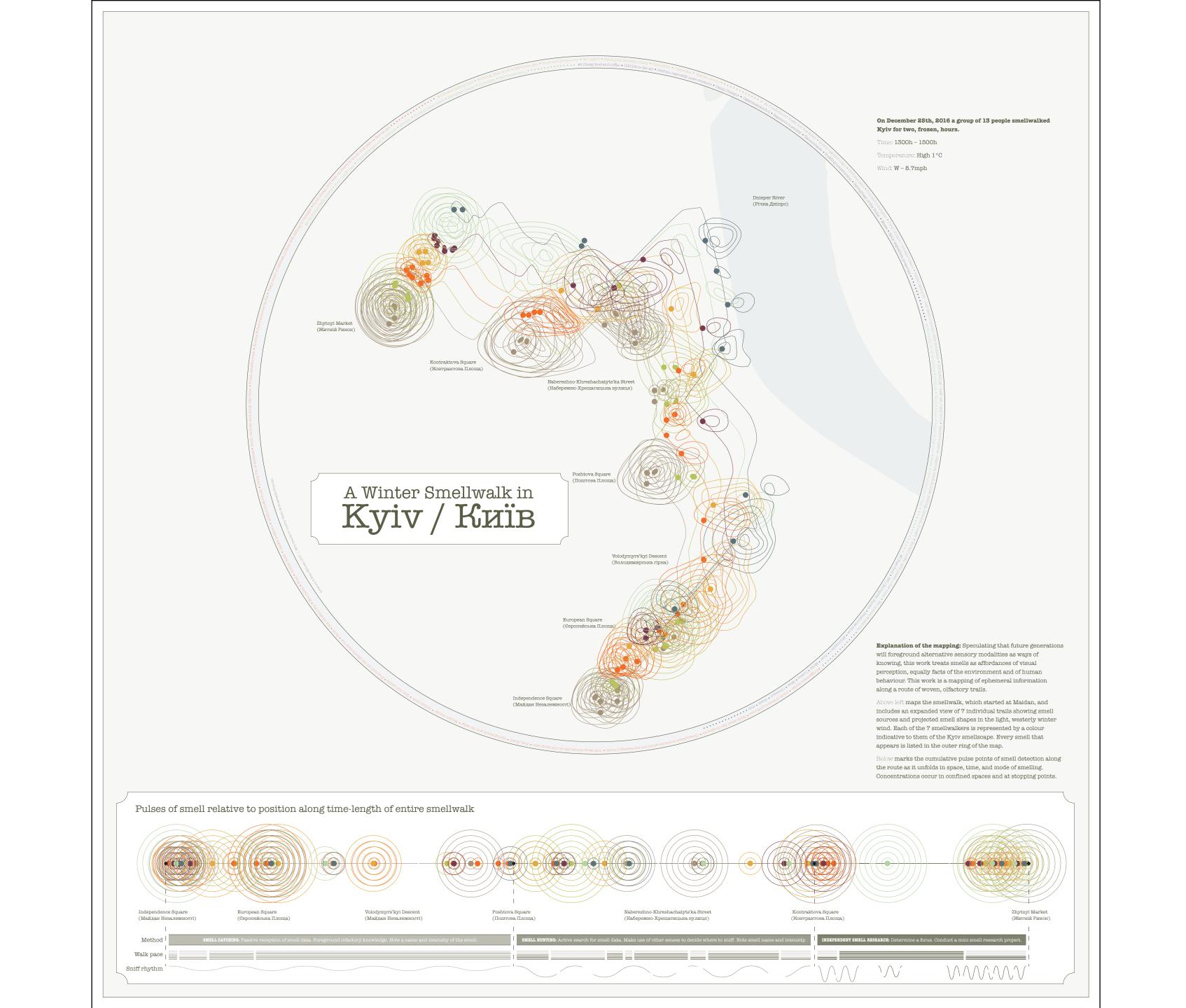


## The smellmap is one form of visualisation for spatiality of smell. Designed to communicate:

- Smell instances (size dependent on perceived intensity)
- Multi-person perceptions
- Commonalities and differences
- Geolocated trajectories

## research findings

We may never experience or fully understand the smellscape from the point-of-smell of another; but mapping it in a collective manner 'has a creative potential to reveal the unseen, ephemeral and imagined'.



Visual smellmaps are a starting point for research, analysis and dissemination.

# THANKYOU& QUESTIONS