

# Maker Walk

Do you know what your city makes?

**Mapping manufacturing**

**Maker Walk**

**How to undertake a Maker Walk**

**What value is there in a Maker Walk**

# how to assess Bristol's manufacturing characteristics

## Mapping

1. Who are the manufacturers
2. What are they making
3. How are they making

## City Structure

1. What is the relevant city infrastructure
2. What relevant skills are in city
3. What are the city's relevant characteristic

## City Network

1. What are the local supply chains
2. What are the legacy supply chains

## Global Network

1. What is the global reach of Bristol manufacturers
2. Where do they fit within value chain

## Resources

1. What resources flow in/out of manufacturers
2. What are critical dependencies

# how to manufacturing in Bristol

## Mapping

1. Who are the manufacturers
2. What are they making
3. How are they making

## directories

## surveys

## case studies

comprehension v's timeliness

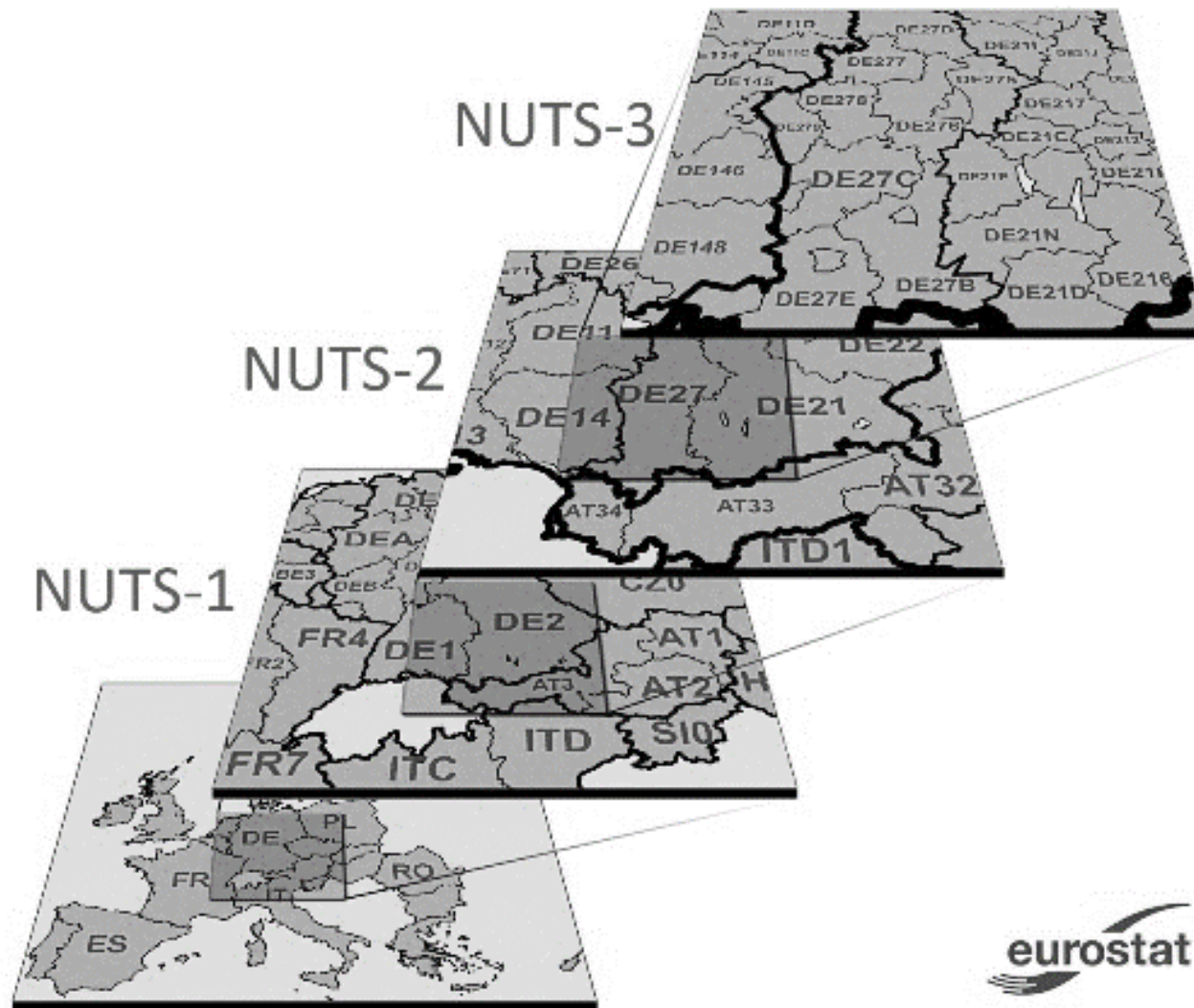
imputation v's reliability

robust v's contemporary

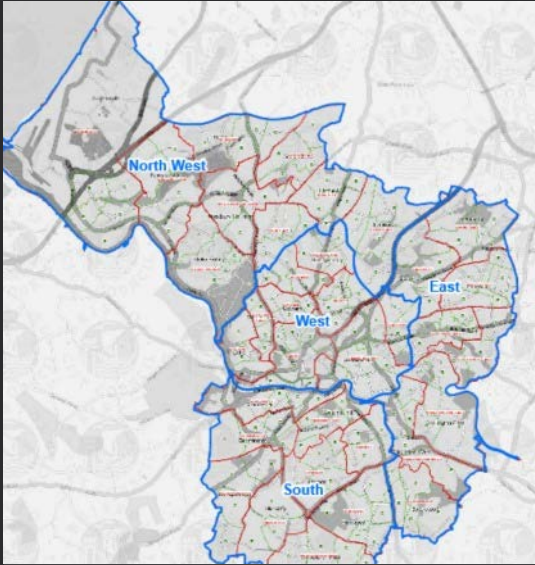
access v's utility

granularity v's completeness

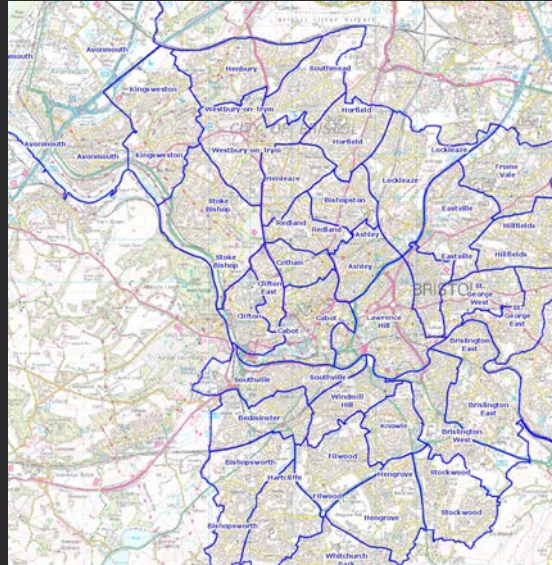




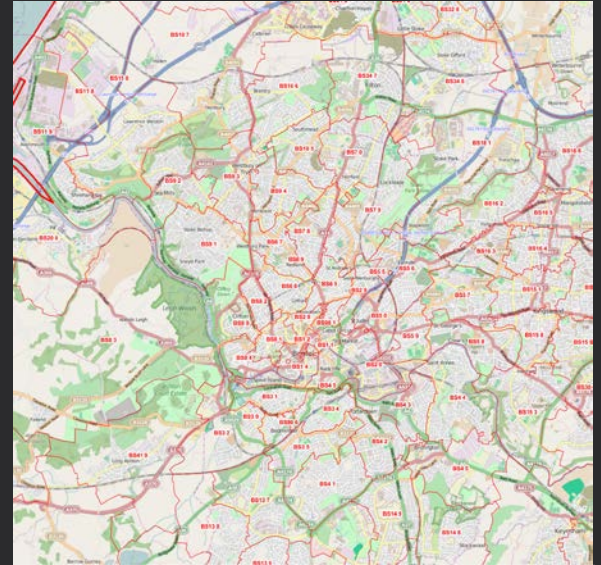




boroughs



councils wards



post codes

what is manufacturing?

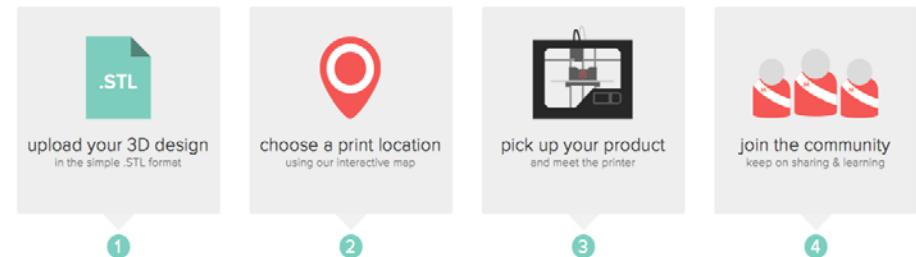
## SIC2007 10-33

tobacco, **beverages, food**,  
physical products (wood, metal, plastic, chemical),  
pharmaceutical, furniture, textiles,  
**printing, repair**



## How local 3D Printing works

WE'RE CONNECTING YOU TO 540 LOCAL 3D PRINTERS



At 3D Hubs we believe everyone should have easy access to 3D Printing.  
We do this by connecting people who want to print to the people owning the machines.

Watch our [video](#) to learn more.

@JudeSherry

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*"Those who enjoy leisure can scarcely find a more interesting and instructive pursuit than the examination of the workshops of their own country, which contain within them a rich mine of knowledge, too generally neglected by the wealthier classes"*

(Charles Babbage 1832)



**Walking**  
2 people (3)  
interviewer & data collector  
photographer/social media

## Equipment

android device  
leaflet  
open data kits  
Interview script

## Routing

List of registered  
companies  
optima



## Post Walk

Data configuration  
Data analysis  
Social media

Re-planning route



magnifying human resources through technology

Geo Data Collect > Maker Walk Open

Before Calling into Company

**Set today's date**  
Make sure that today's date is selected

			May 2016						
			M	T	W	T	F	S	S
09	Apr	2015	25	26	27	28	29	30	1
10	May	2016	2	3	4	5	6	7	8
			9	10	11	12	13	14	15
11	Jun	2017	16	17	18	19	20	21	22
			23	24	25	26	27	28	29
			30	31	1	2	3	4	5

Name of Company

Test

Automatically Set Location

Record Location

Geo Data Collect > Maker Walk Open

Interview

**Who did you talk to?**  
What is the name of the person you interviewed

What does the company make?  
e.g. what products or what services do they offer

What manufacturing processes does the company use?  
e.g. what tools or materials do they use

What benefits do they have from manufacturing locally?

Can they recommend any other local manufacturer?

**Are they open to collaborating/networking in the future?**  
this could be with your research group or other groups

☐ Yes

☐ No

Geo Data Collect > Maker Walk Open

Outside company

**If an interview was not possible state why**  
e.g. there was no answer, they refused to speak to you, they asked you to return

**Address of company**  
Building number & street name

**Take a photo of the building**

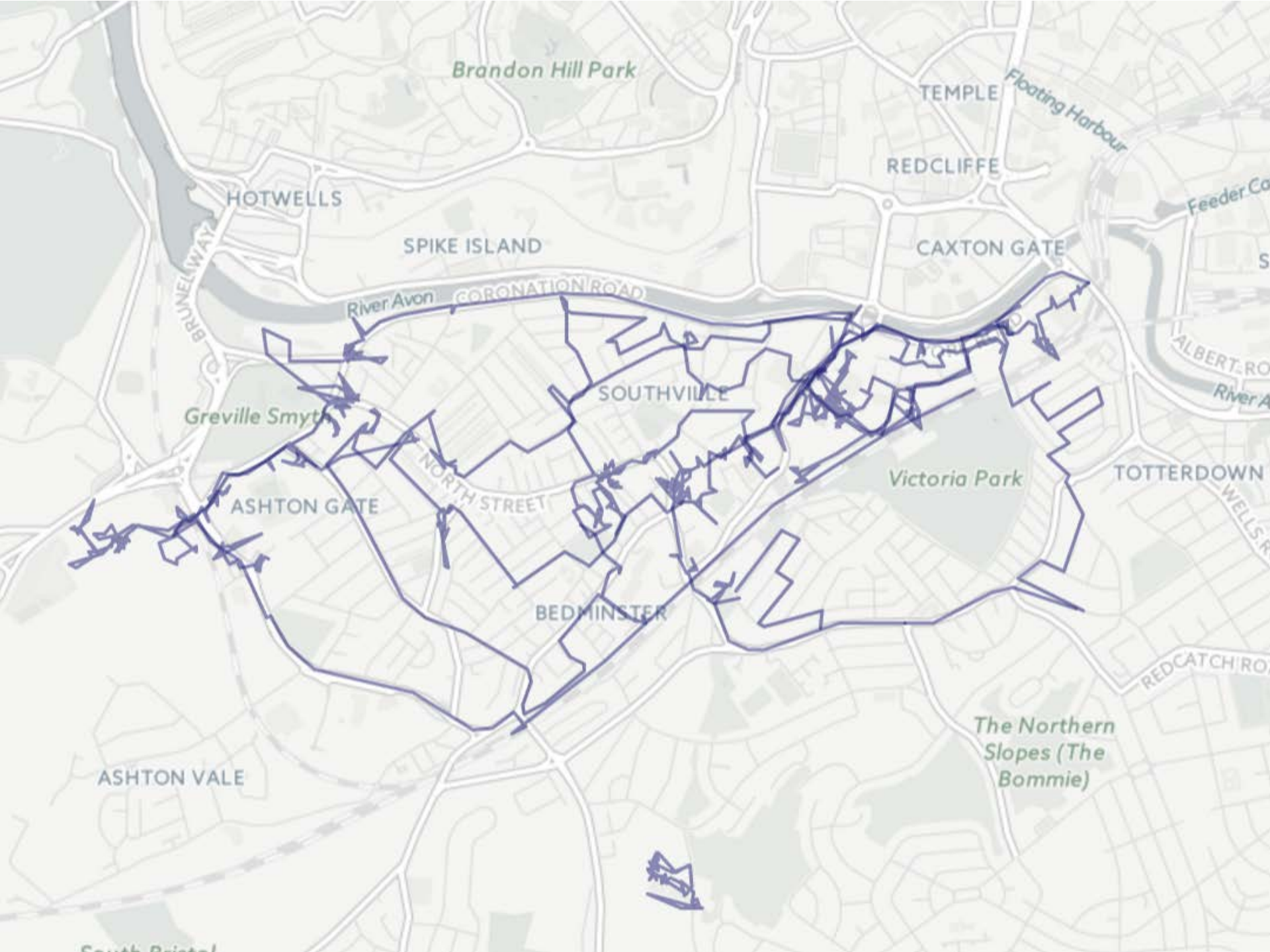
Take Picture

Choose Image

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Brandon Hill Park

TEMPLE

Floating Harbour

REDCLIFFE

HOTWELLS

SPIKE ISLAND

CAXTON GATE

River Avon

CORONATION ROAD

Feeder Co

Greville Smyth

SOUTHVILLE

ALBERT RO  
River A

Victoria Park

TOTTERDOWN

ASHTON GATE

NORTH STREET

BEDMINSTER

REDCATCH RO

The Northern  
Slopes (The  
Bommie)

ASHTON VALE





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Photos by  
Lee Hutchinson  
M Shed  
@Maker\_Walk









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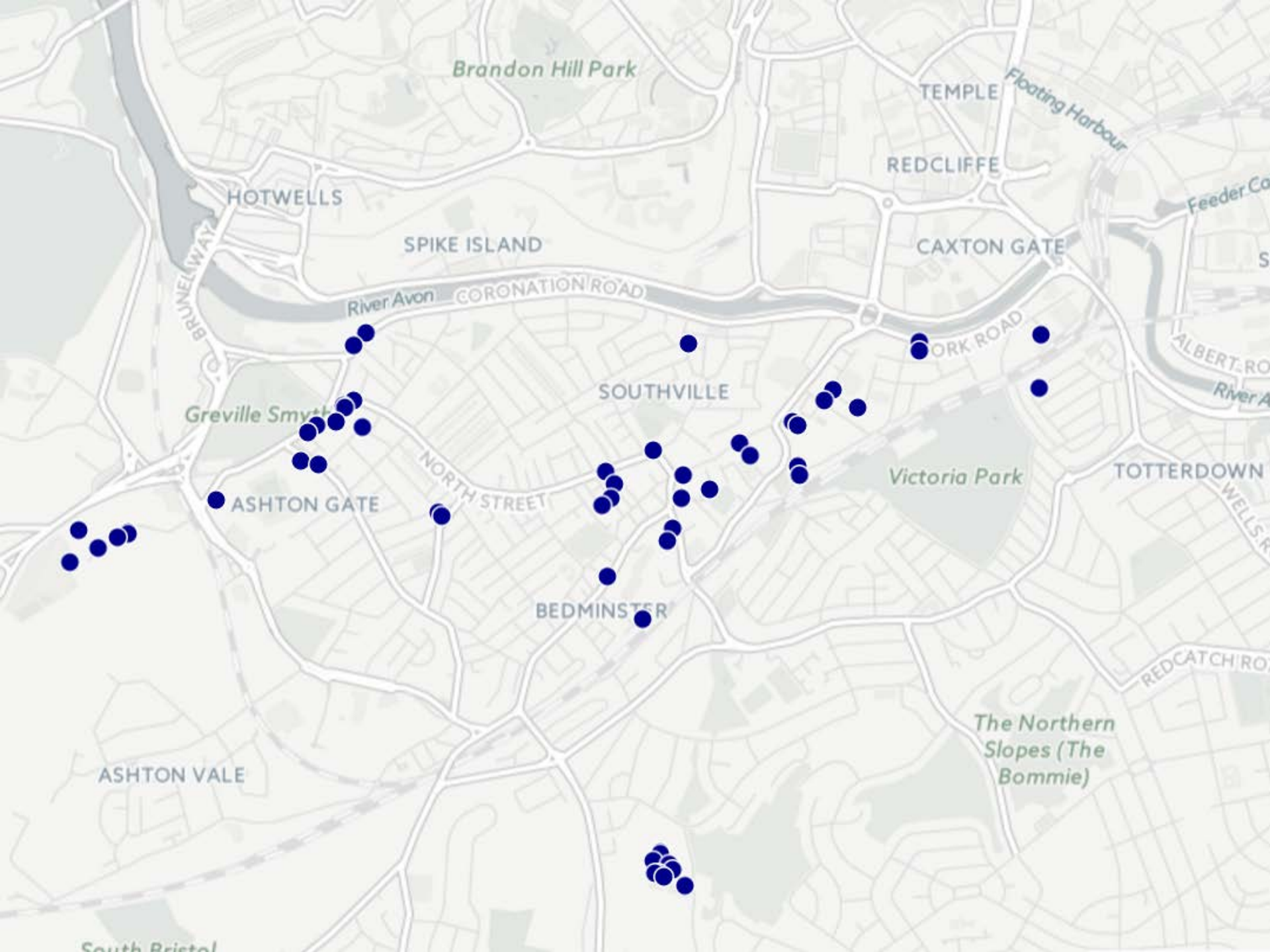
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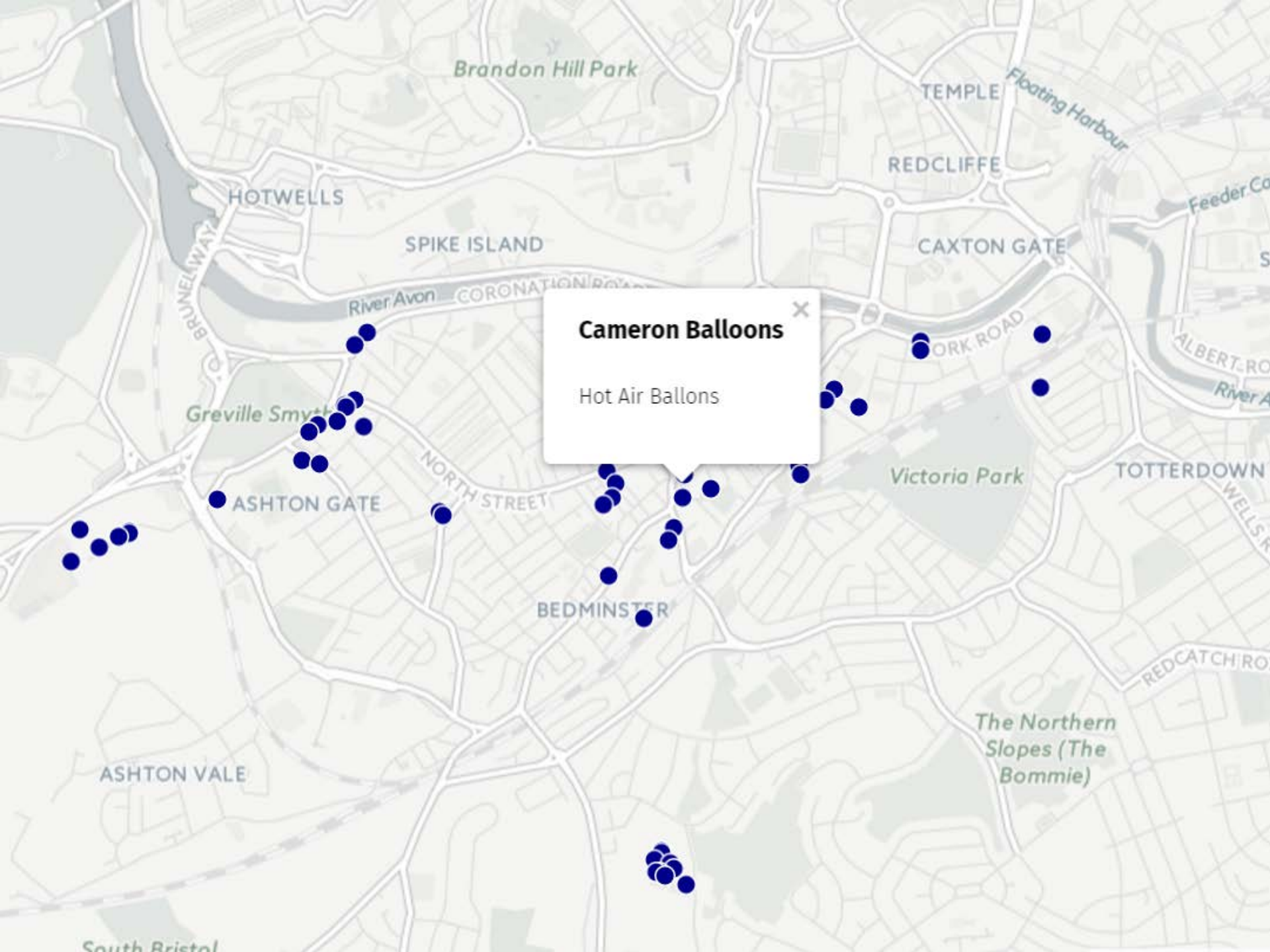








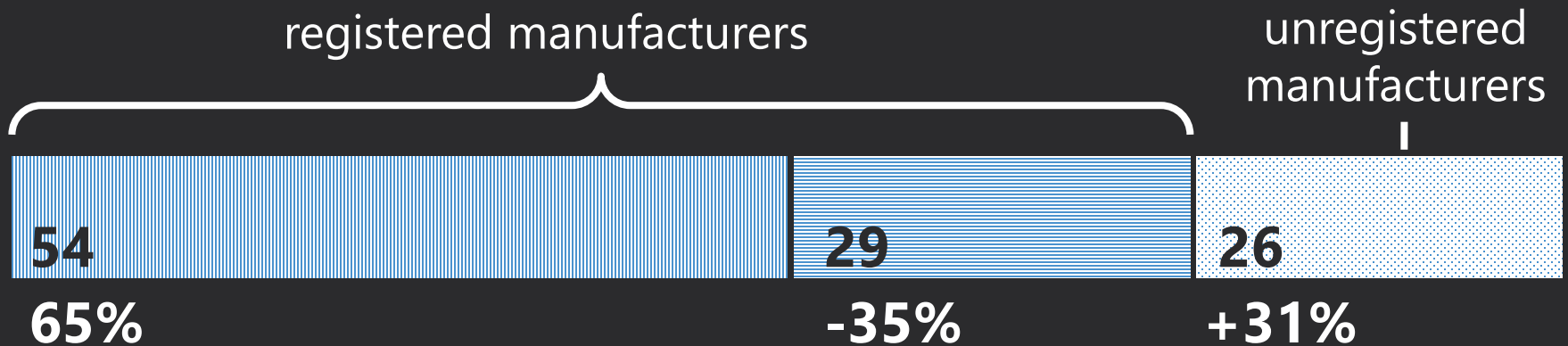
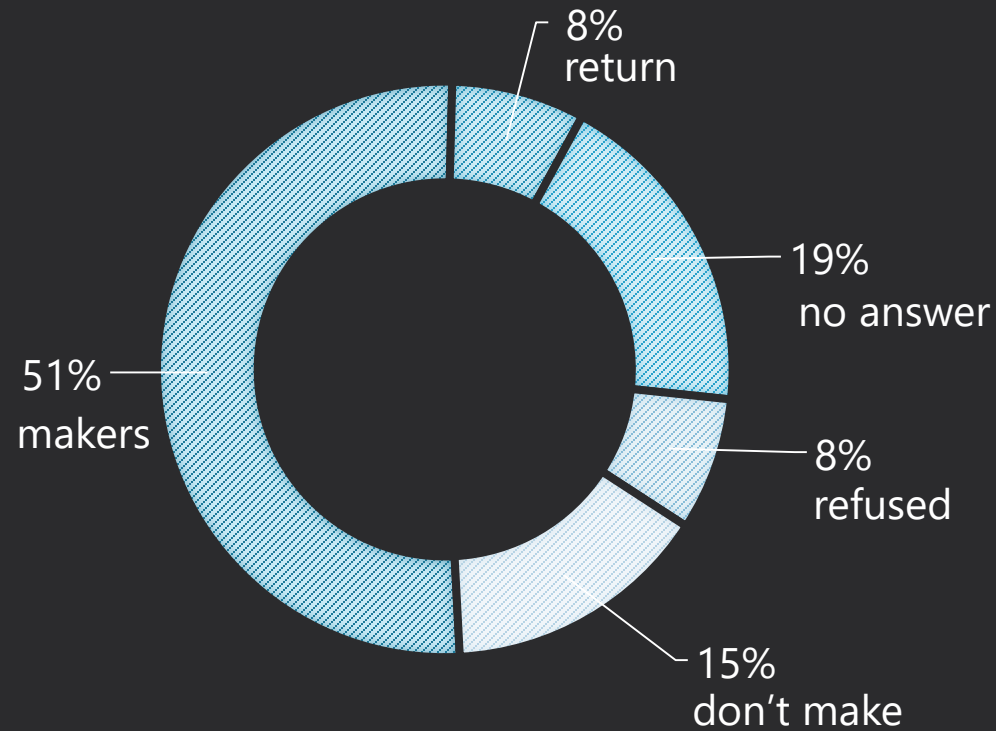


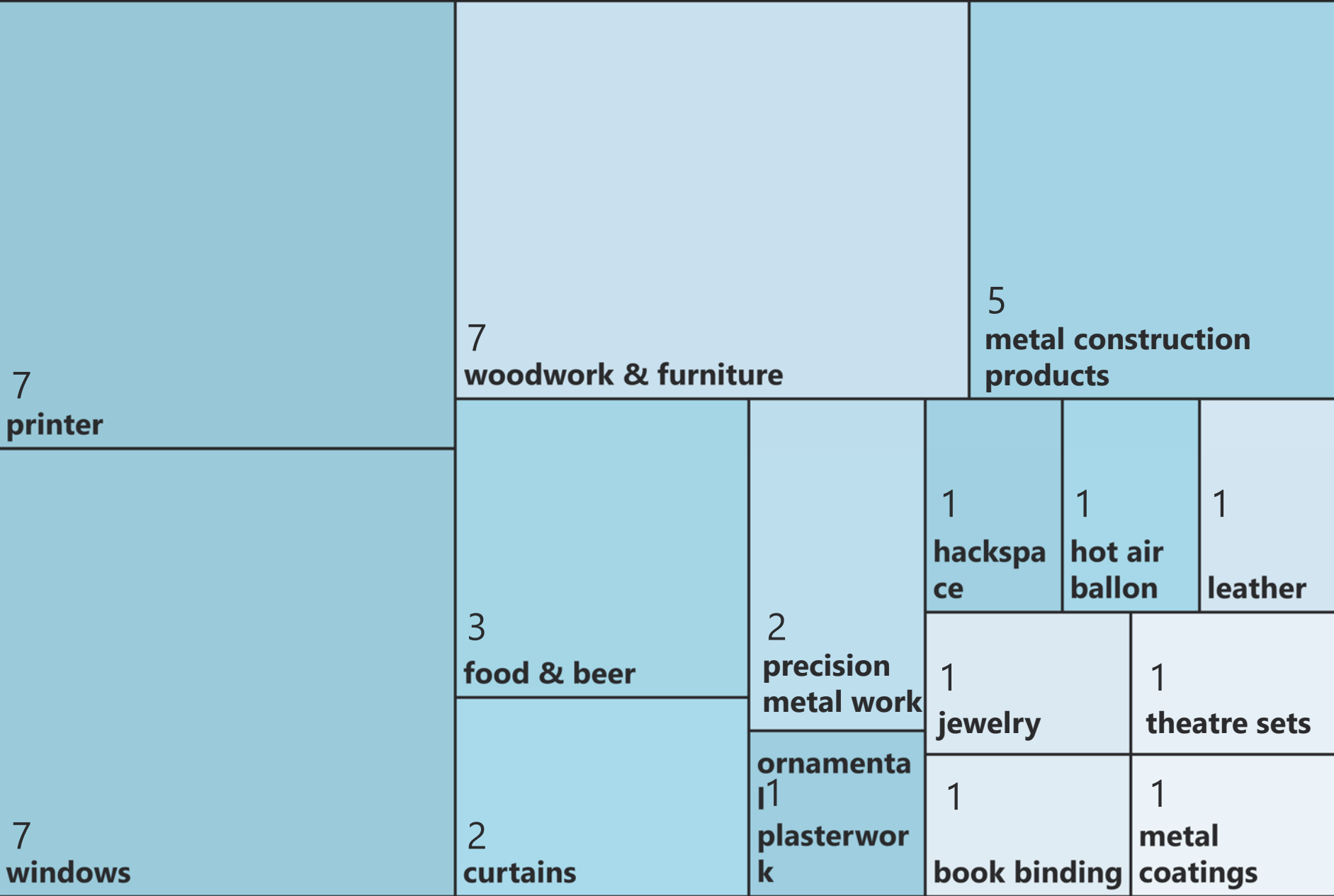


**Cameron Balloons**

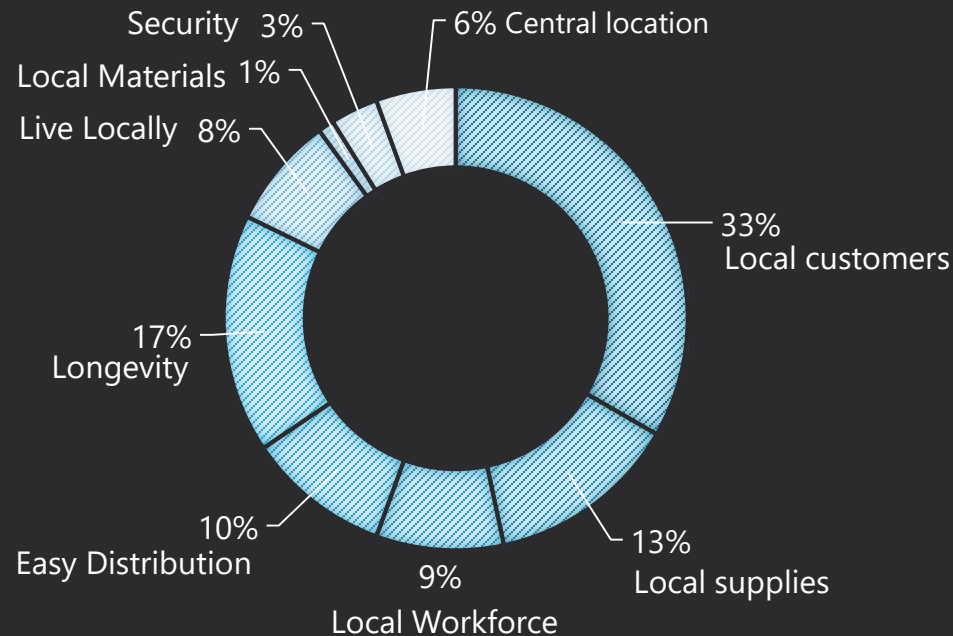
Hot Air Ballons

80 companies  
66% response rate





# Benefits of making locally

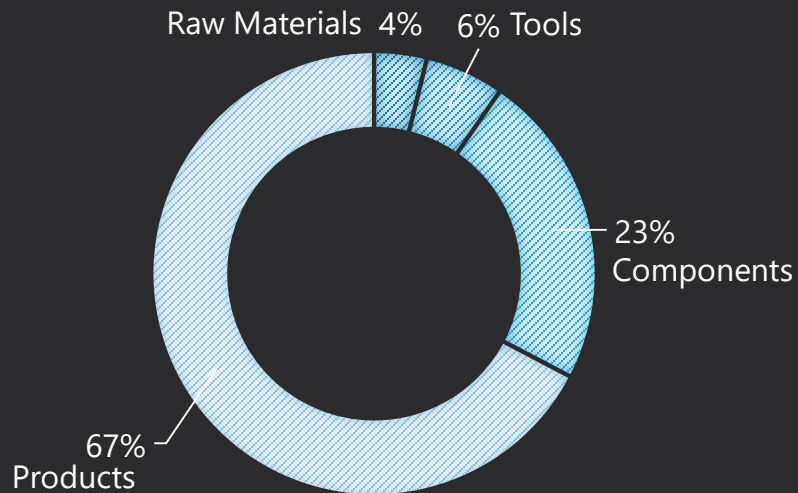


Out of the 41 companies that manufacture on site

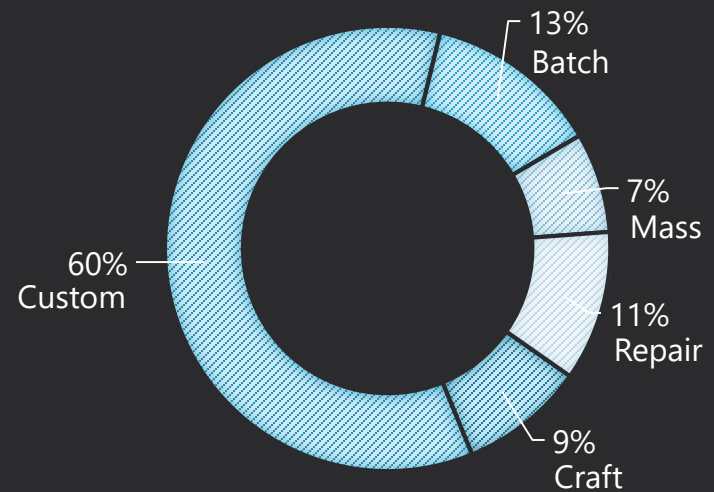
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## What is produced



## Scale of productions



Out of the 41 companies that manufacture on site

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# shed

maker stories



maker landscapes



maker directory

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policy makers

circular economy makers  
sharing economy makers

urban living makers

economic makers

community makers