

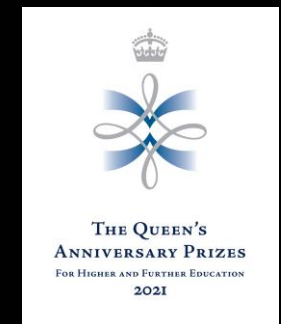
Virtual Bradford: Data4Good

UK Authority
AI & Data4Good
14th October 2022



VISUALISING HERITAGE

IMAGE | PROCESS | ANALYSE | PRESENT





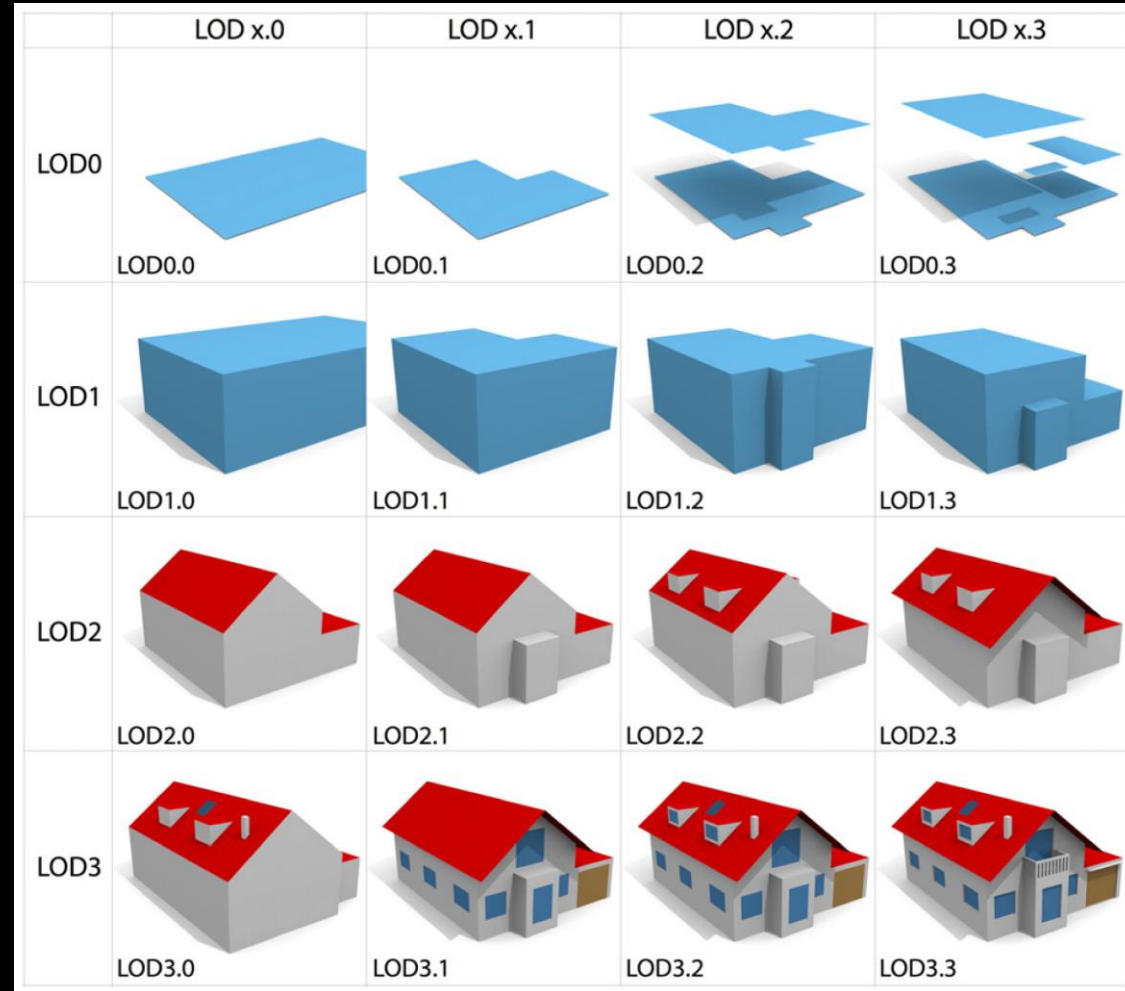
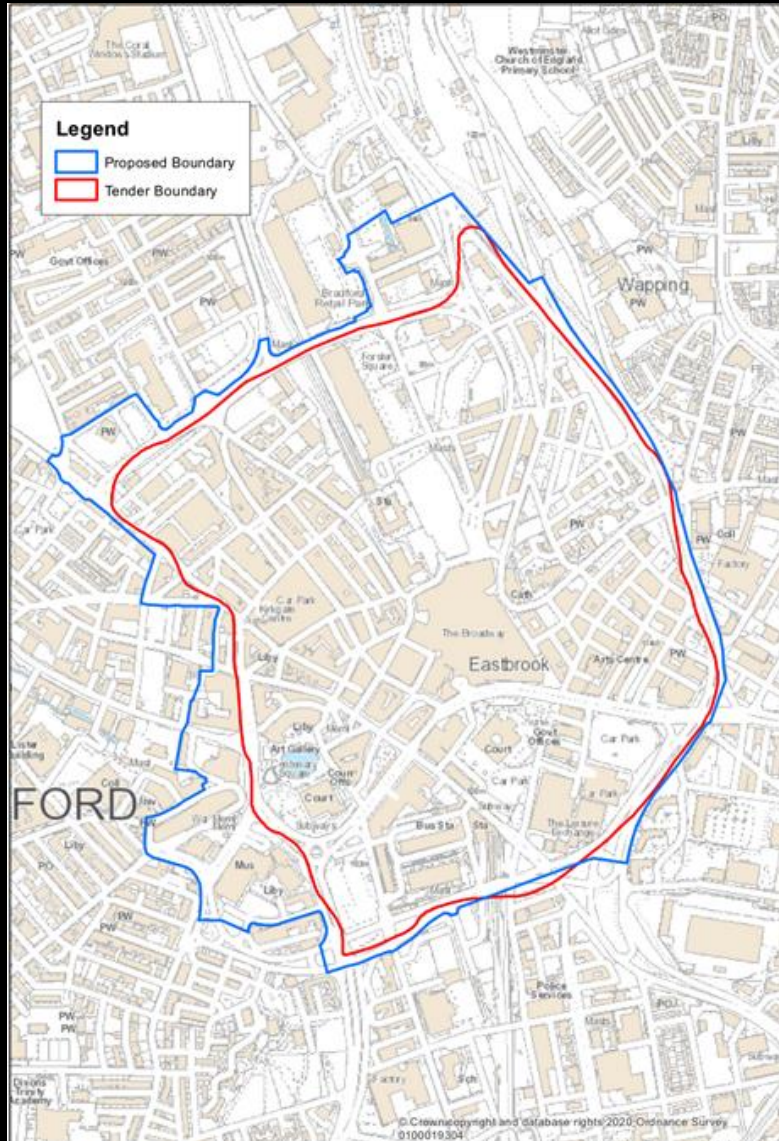
Andrew Wilson

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- School of Archaeological & Forensic Sciences
- a.s.wilson2@bradford.ac.uk

Adrian Walker

- T-Services Manager, Bradford Council
- Department of Place
- adrian.walker@bradford.gov.uk





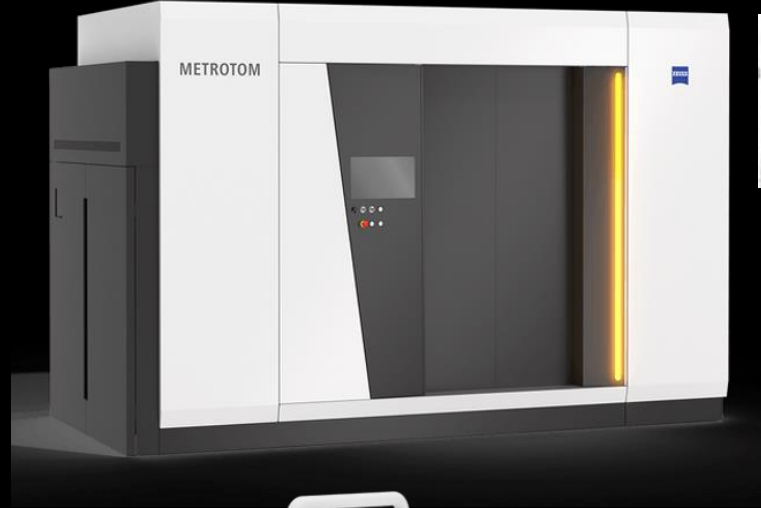
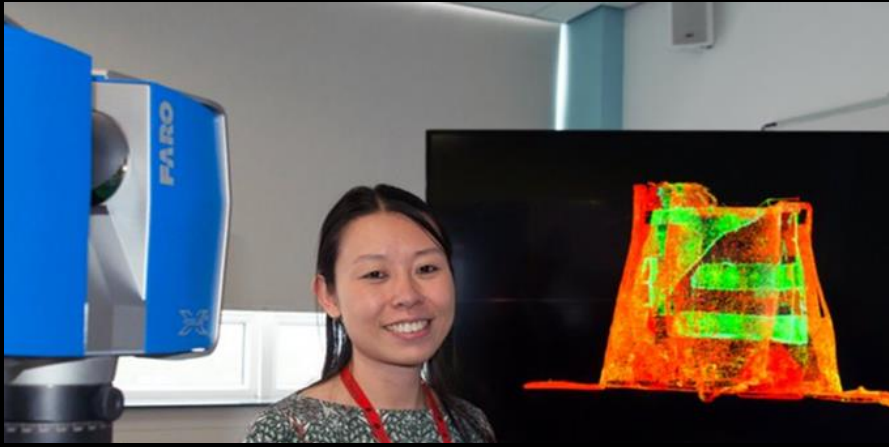
Source: Biljecki et al. (2016) Computers, Environment & Urban Systems 59, 25-37

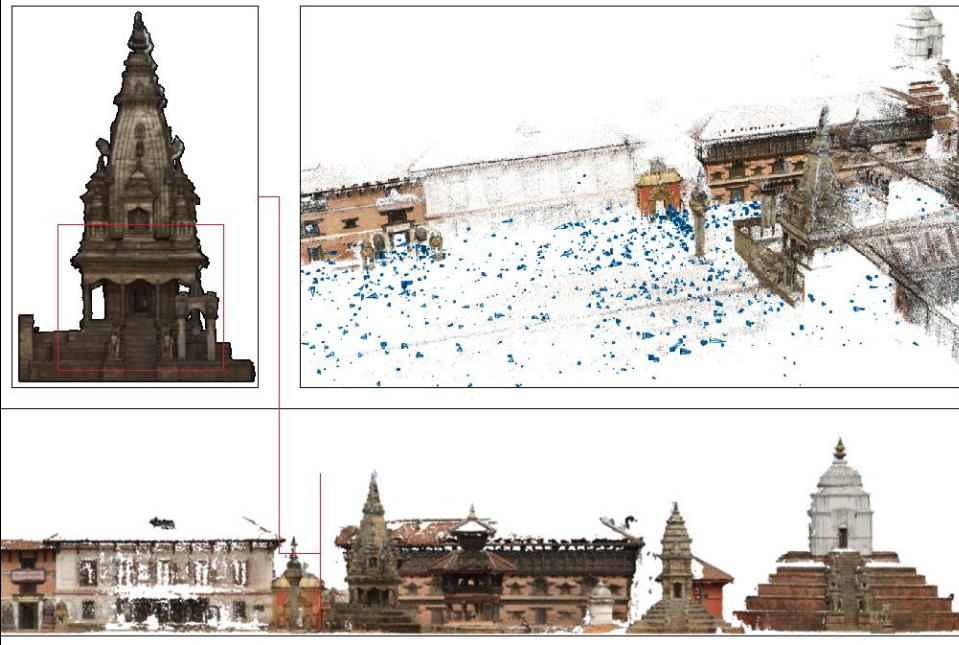


<http://www.cityparkbradford.com/>

- One of the youngest cities in Europe
 - ~29% under 25
 - >25% under 16
- City of Culture 2025
- Welcoming city with a rich and diverse heritage
- First UNESCO City of Film
- One of only 5 UK Cities with a UNESCO World Heritage Site
- Ambition to become UK's leading clean growth district

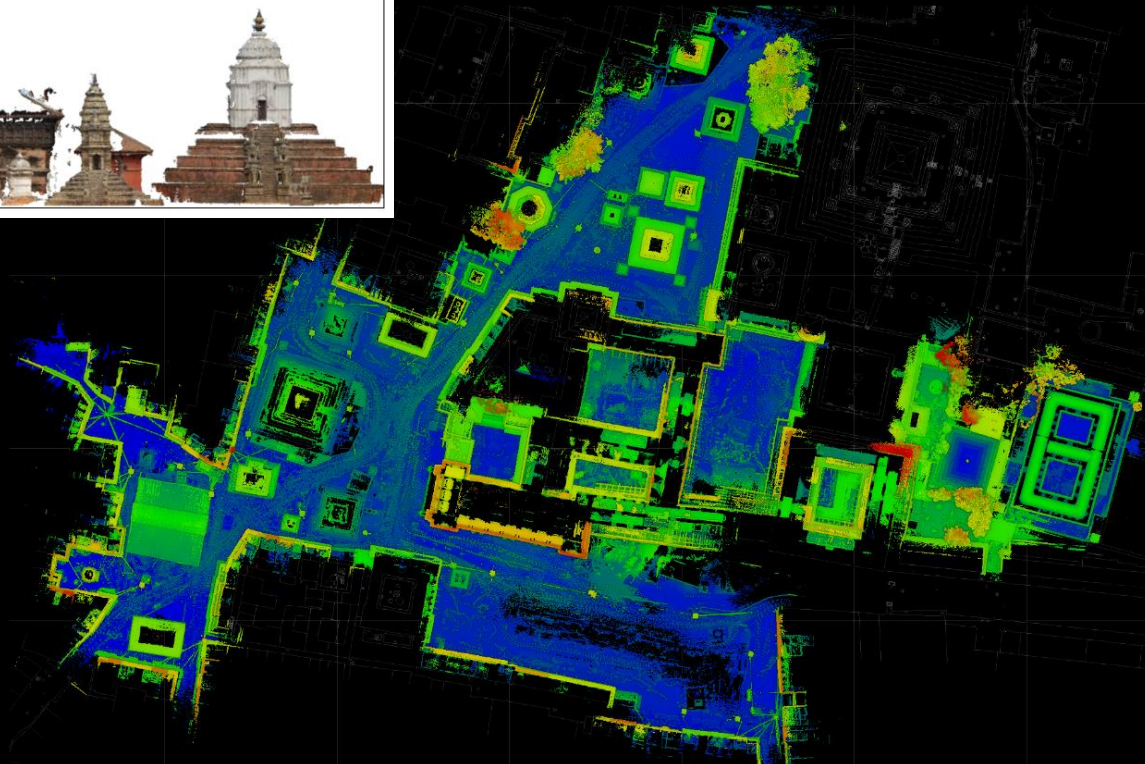






• *“We aren’t able to see Syria with our own eyes, but through VR, you brought Syria to us.”*

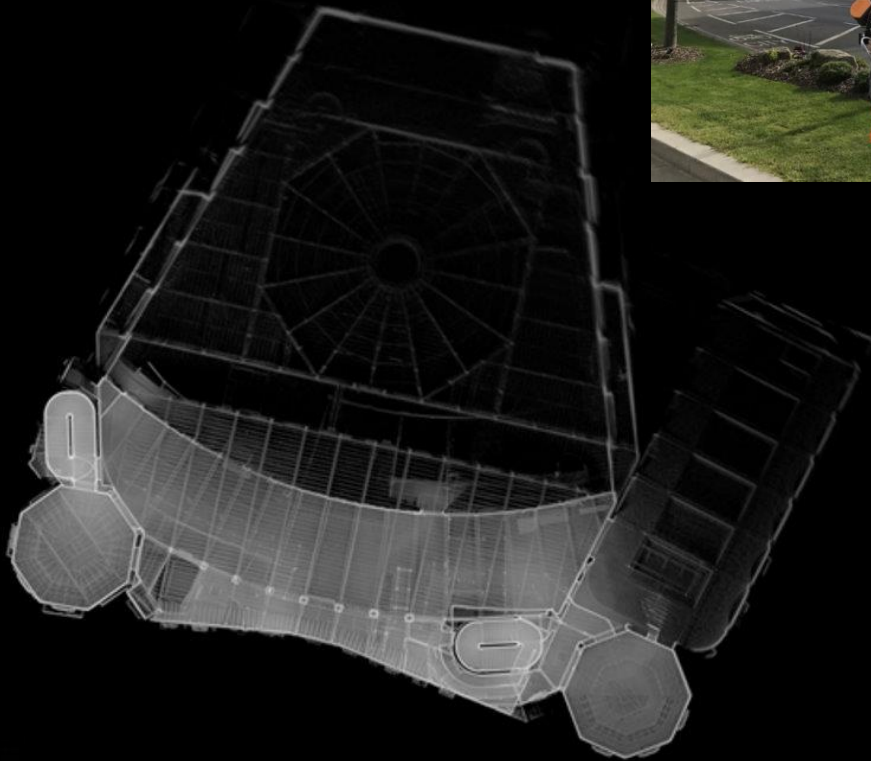
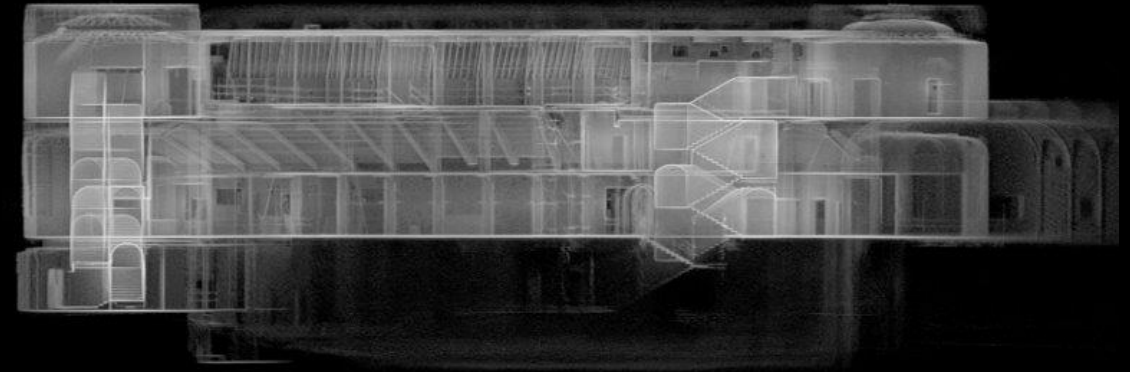
• – A refugee in Azraq Camp, Jordan



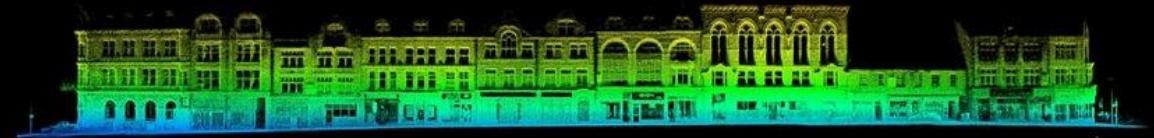


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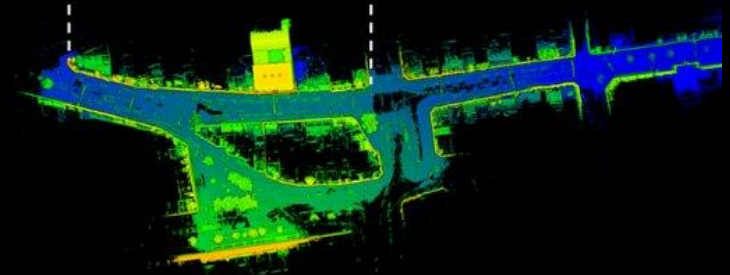


1 2 3 4 5 6 7



All but one of the structures along the eastern side of North Parade represent a Grade II listed structure, starting on the left with :

- 1 - Yorkshire Penny Bank (1895),
- 2 - Devonshire House (1898),
- 3 - 24,26+28 North Parade (1907-10)
- 4 - 20+22 North Parade (1907-10)
- 5 - 14,16,18 North Parade (1907-10)
- 6 - Church House (1871-73)
- 7 - Institute for the Blind (1868)

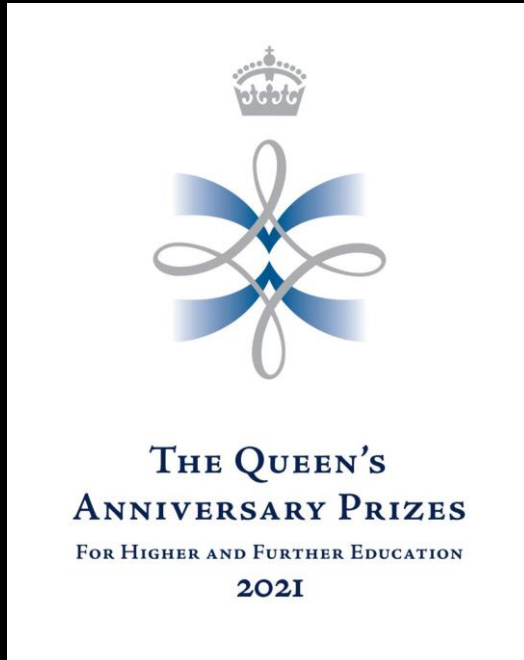


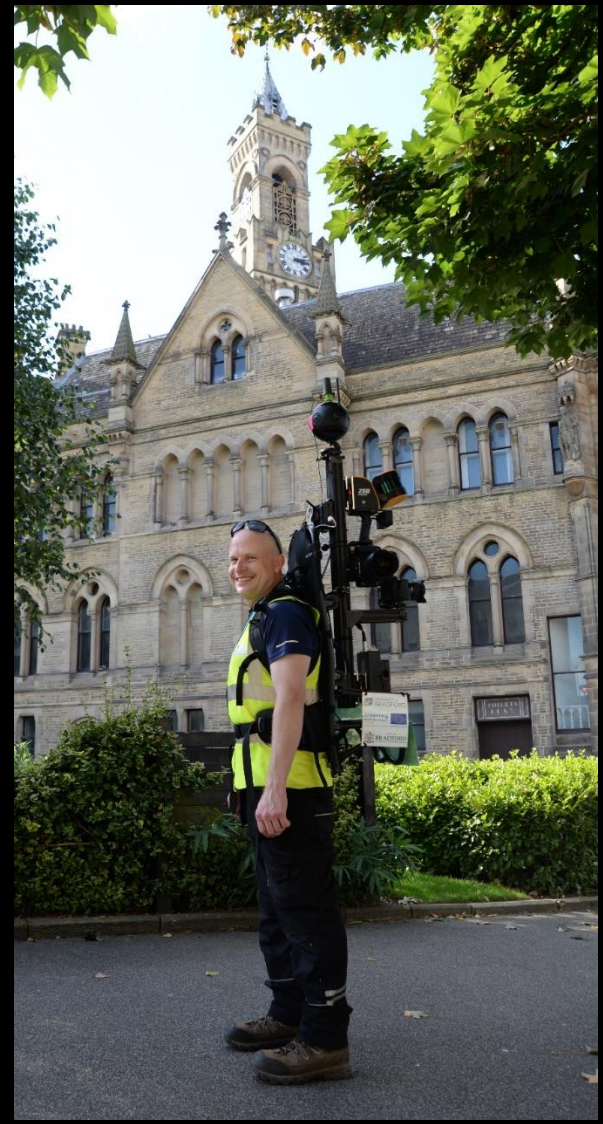
The development of North Parade, as with the rest of city, is a direct result of the global dominance Bradford had over the textile industry

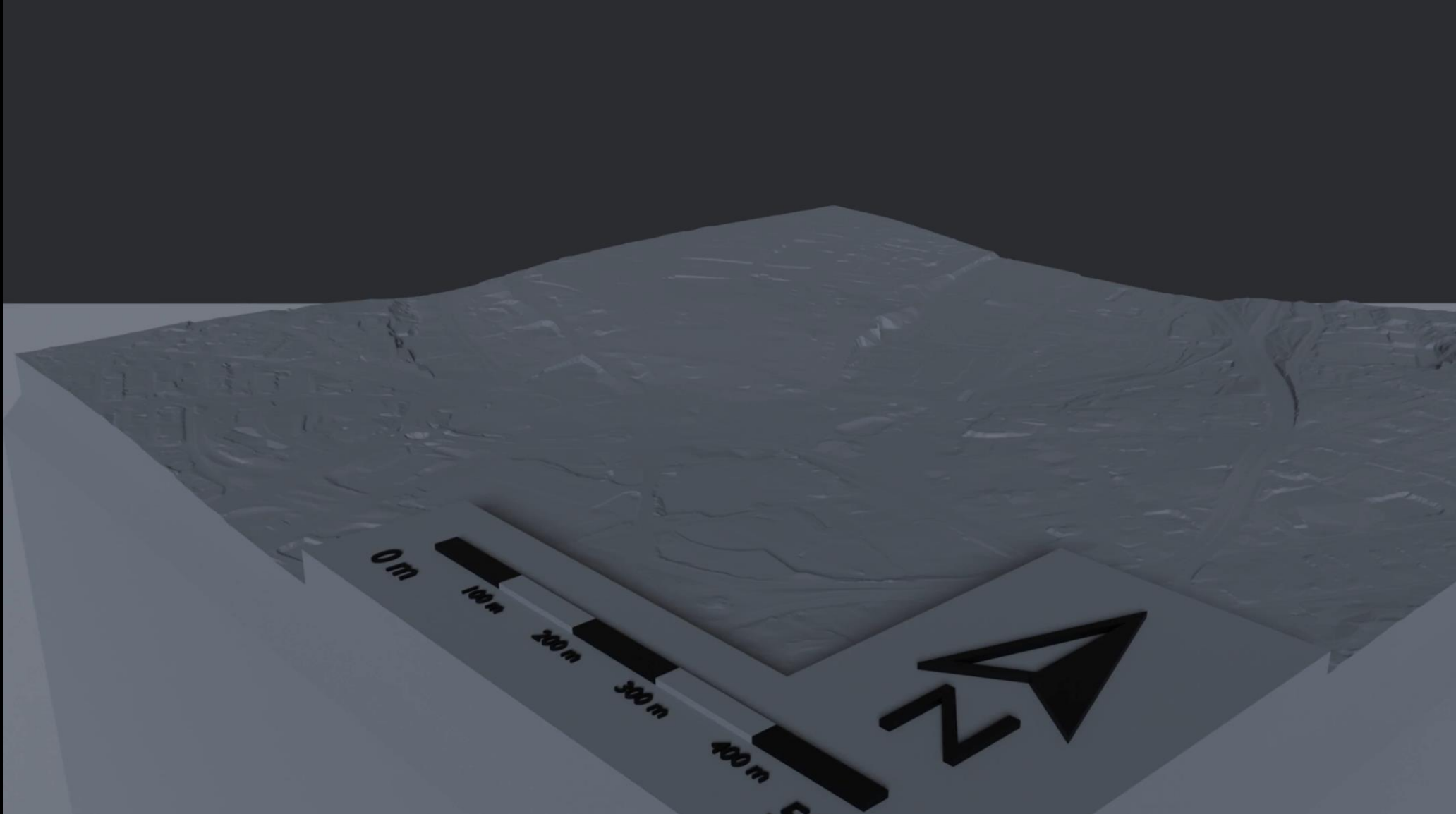


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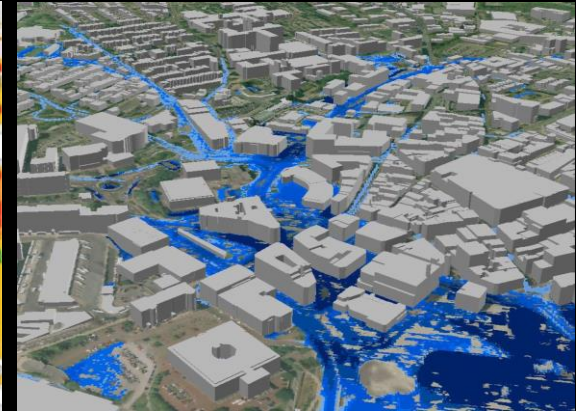






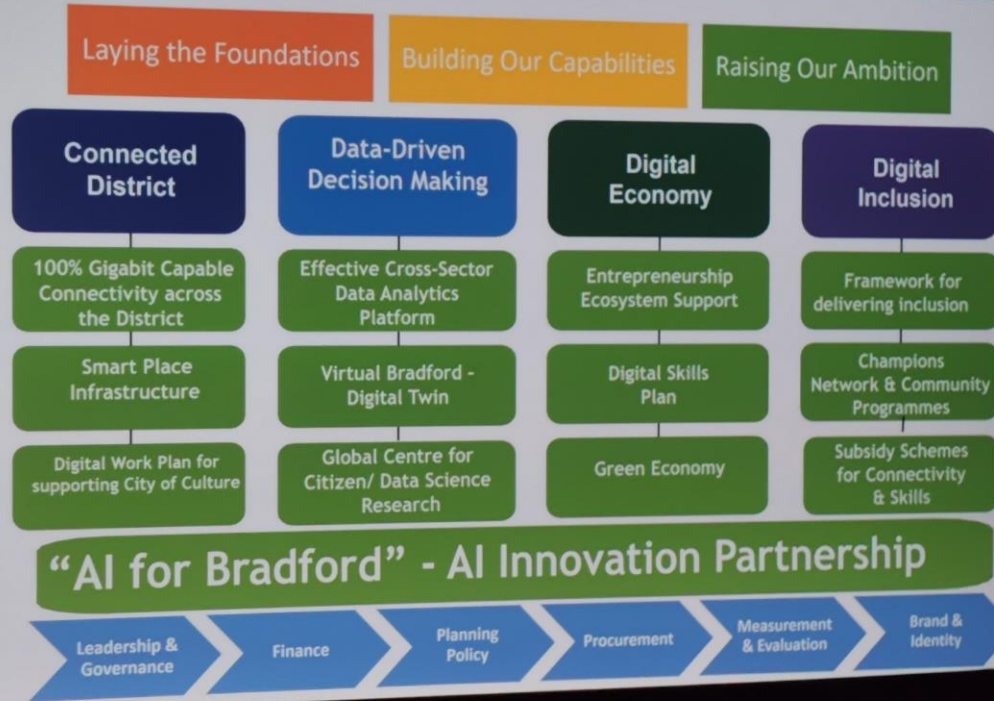
OPEN SOURCE FOR PUBLIC SERVICES

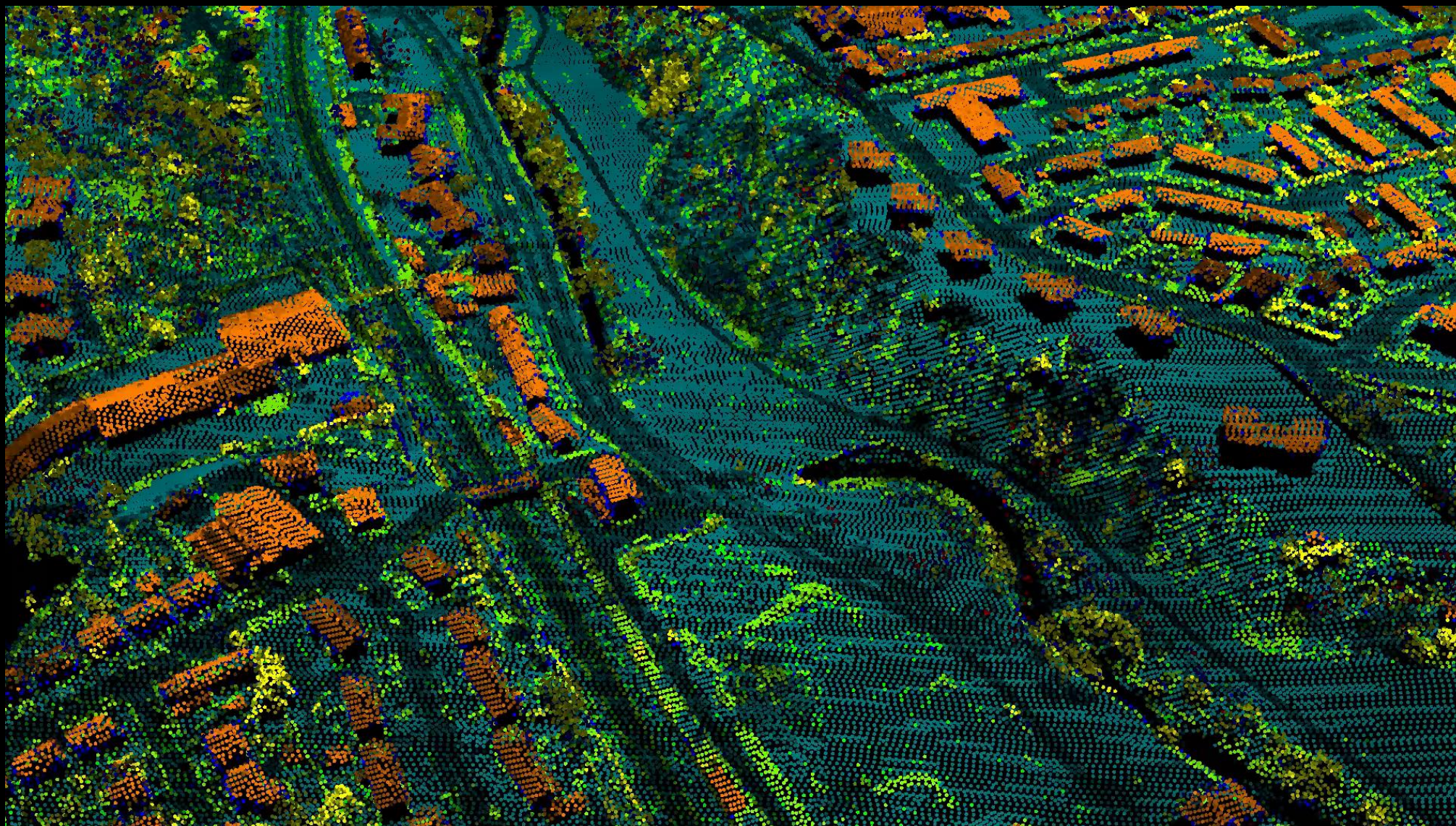
Approach, Evidence & Lessons
from European cities

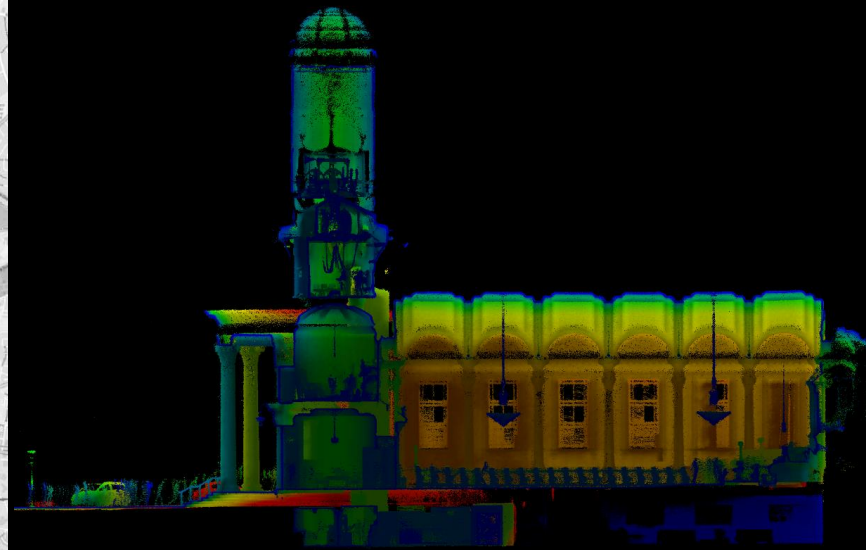
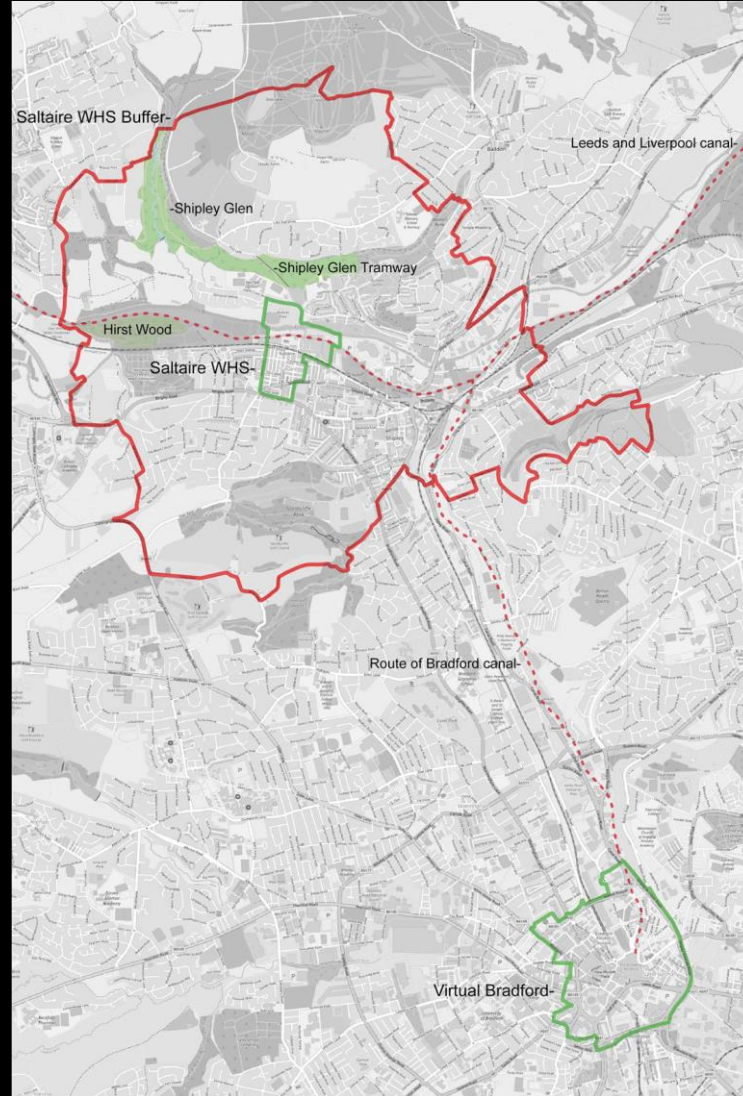




Aim: To support Bradford District's social and economic development in a sustainable way



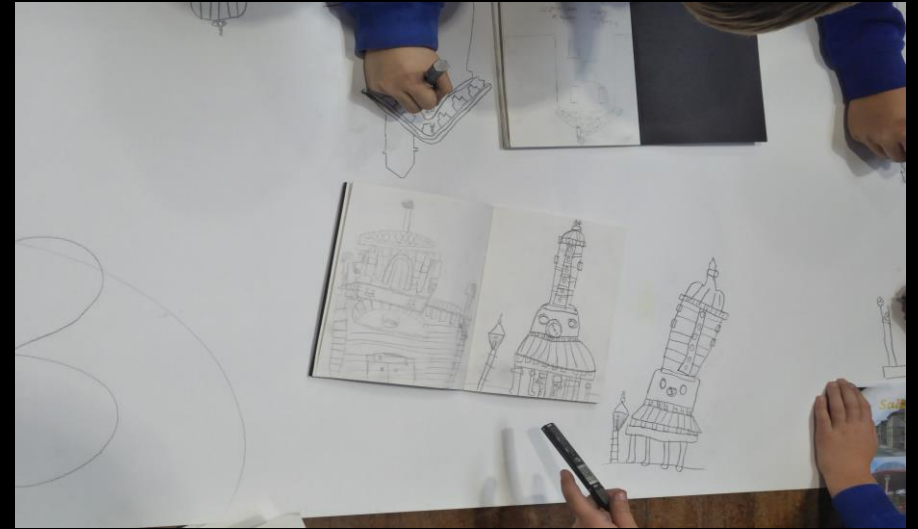
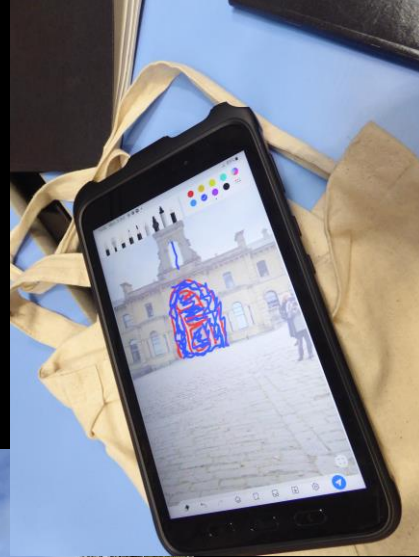




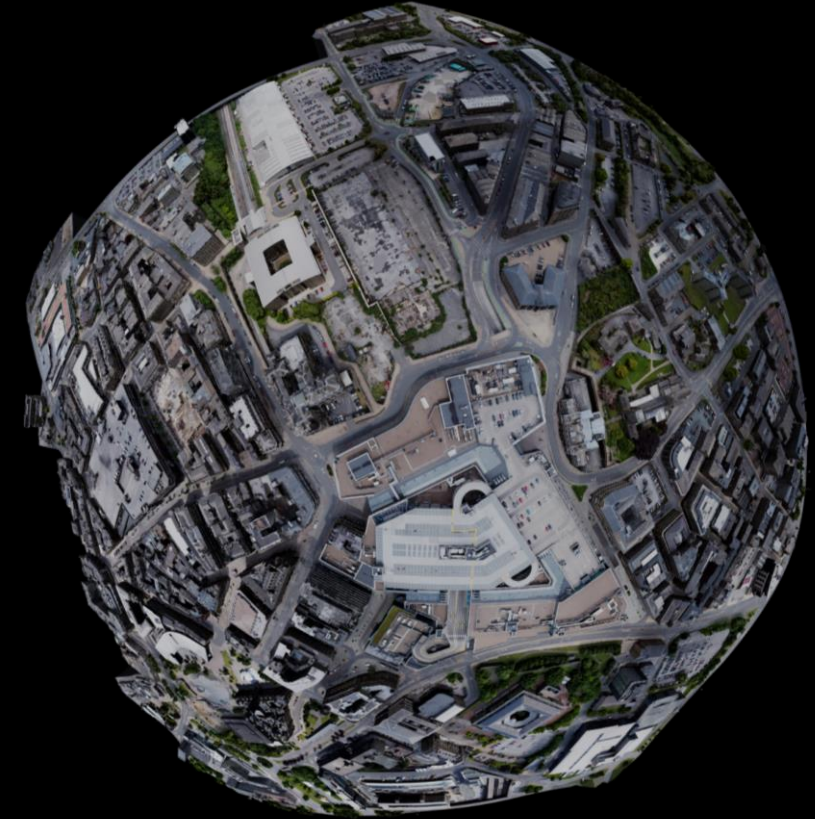
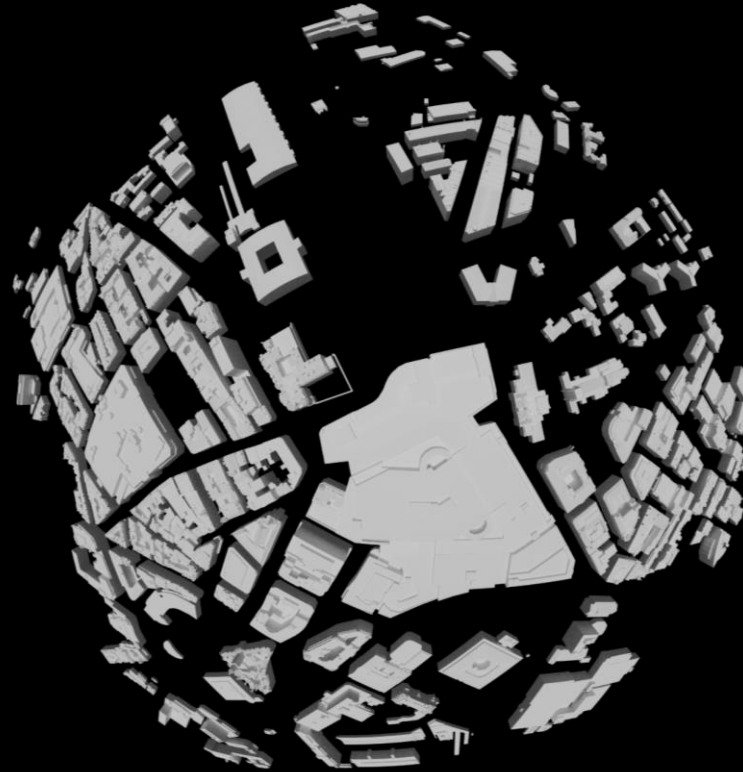
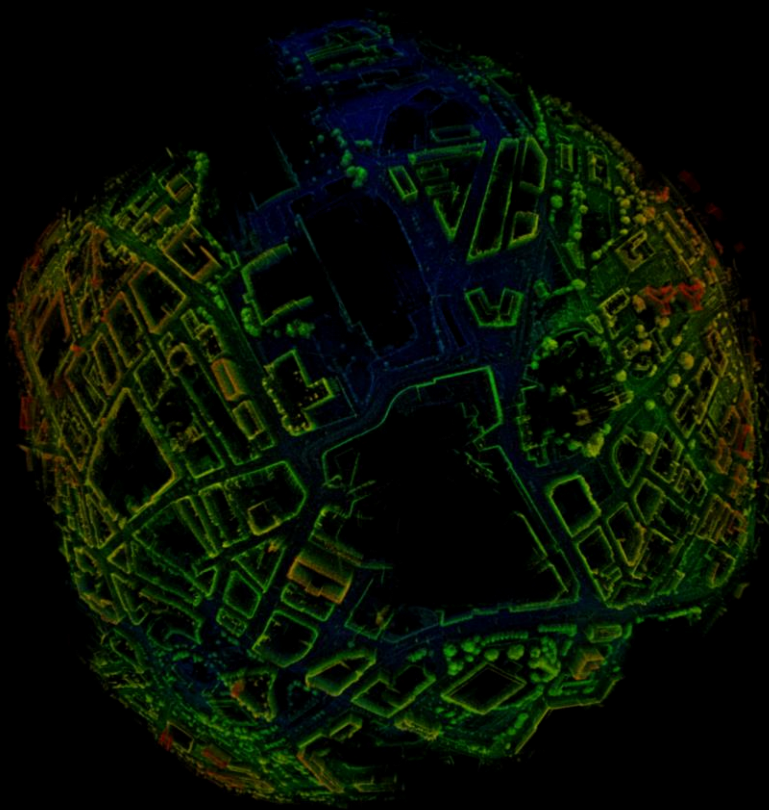
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Virtual Bradford provides stimulus for Bradford as a leading clean growth city, supporting:
Investment ♦ Urban planning ♦ Architectural design ♦ Regeneration ♦ Disaster planning
Modelling & Visualisation ♦ Data-driven decision making ♦ Public engagement ♦ Social inclusion
Creative economy ♦ Educational resources ♦ Heritage ♦ Tourism ♦ Augmented Reality





Virtual Bradford

@bradfordvirtual

<https://github.com/VirtualBradford>

<http://virtualbradford.xyz/>

<http://visualisingheritage.org/virtual-bradford/>

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