Liveable Neighbourhoods

A '*Concept* applied' or
Healthy, Sustainable Places *revealed*?

Jonathan Clarkson & Team

Perth People Place
(PPP)

December 2022

Thank you to:

- SURF;
- Richard Boddington, Drymen;
- Husam Alwaer, DCAD (and staff & students there); and
- The very good work going on across Local Authorities & Communities in Scotland (Under significant resource constraints)

- I'm careful not to simply repeat presentations from the above – but to illustrate how we at PKC are applying that as a pragmatic working example.

Disclaimer:

A. This is *Pilot* work emerging from the Pandemic, Climate and Cost of living crisis as well as emerging NPF4 with PKC. It's not approved PKC Policy.

B. This is a *Team* effort – collaborating across multiple stakeholders (internal & external).

Three Important early reflections...

1. Neighbourhoods seem more 'relatable' in Urban situations - Rural places and communities are very different.

2. Relationship based Place-making/shaping does take time. Radical incrementalism is wise. It's just we're in a climate emergency…

3. The order of magnitude in addressing the predominantly 20th century, urban sprawl and movement patterns, must surely be addressed and retrofitted somehow?

At one scale, perhaps Neighbourliness is the most important thing - sharing and shared assets?
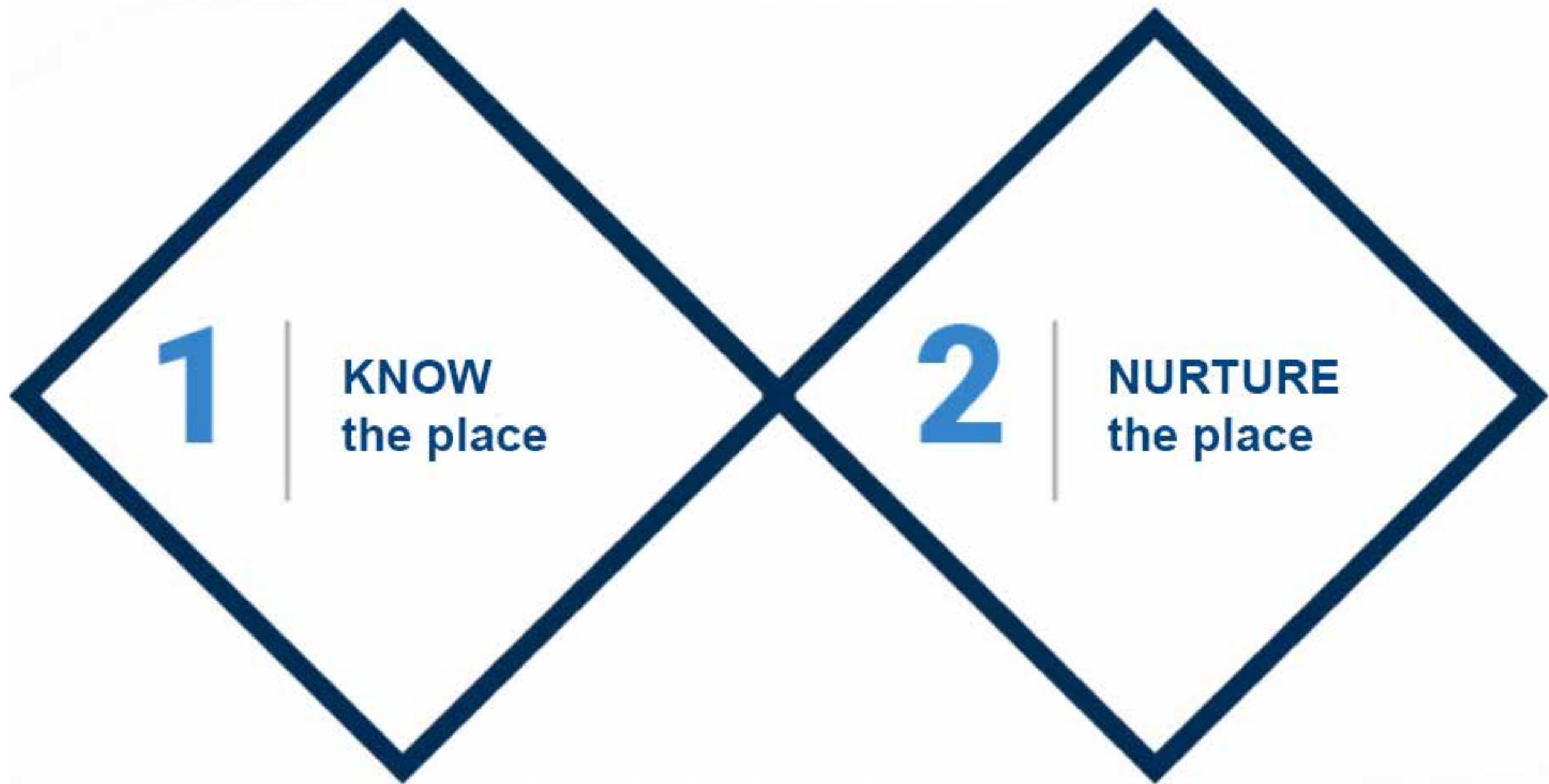
Part 1: The Process

"The sum of the parts must be greater than the whole."

(Are **Neighbourhoods** optimal parts?)

&

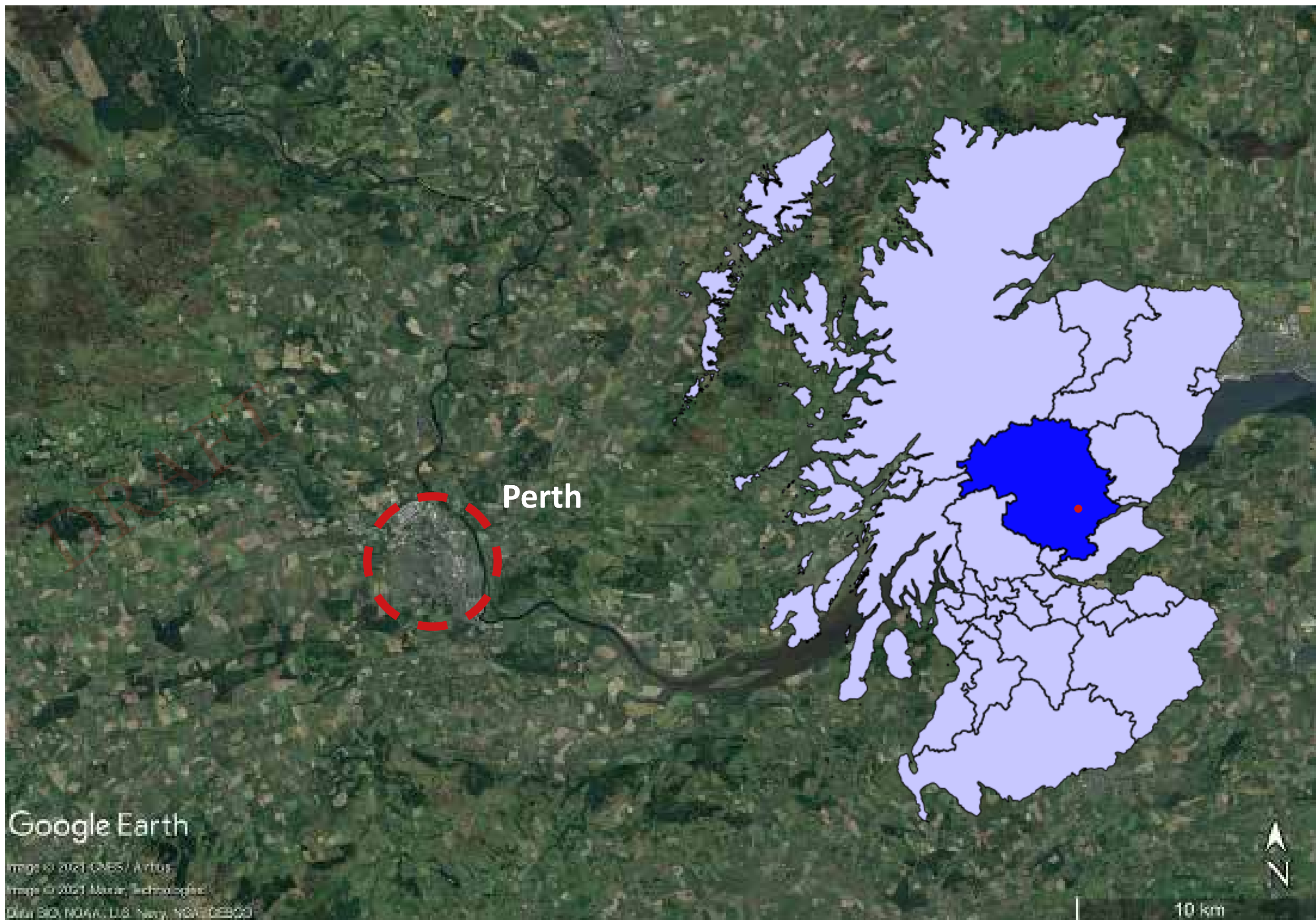# Communities of Interest | Communities of Place

(Spectum - not Binary)

1 | KNOW the place

2 | NURTURE the place

Experts don't start by already knowing the answer. They start by asking pragmatic questions such as:

What is this place?

Perth

Pont Maps of Scotland, ca. 1583-1614

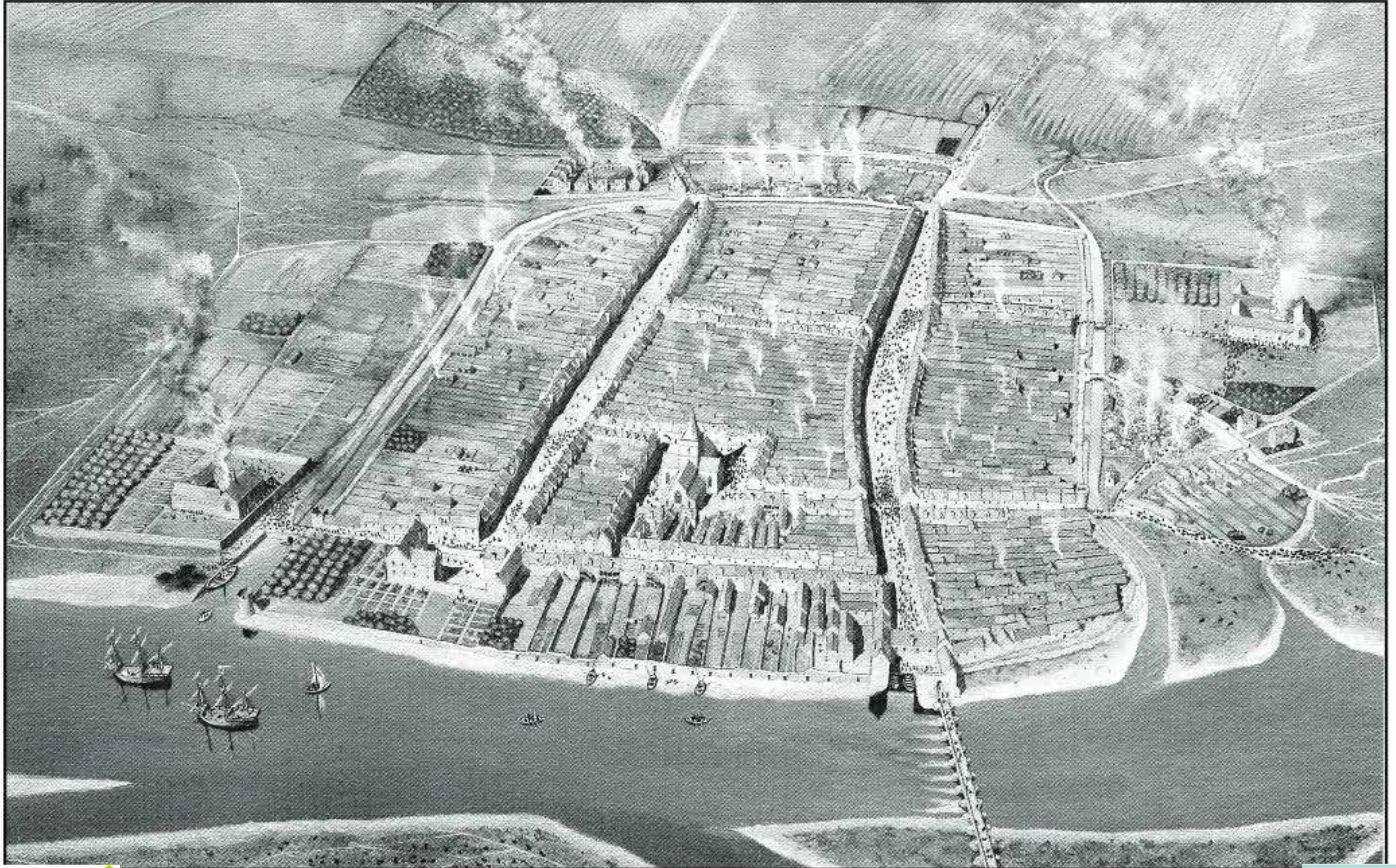# A picture by David Simon (courtesy of Perth & Kinross Heritage Trust)

A picture by David Simon (courtesy of Perth & Kinross Heritage Trust)
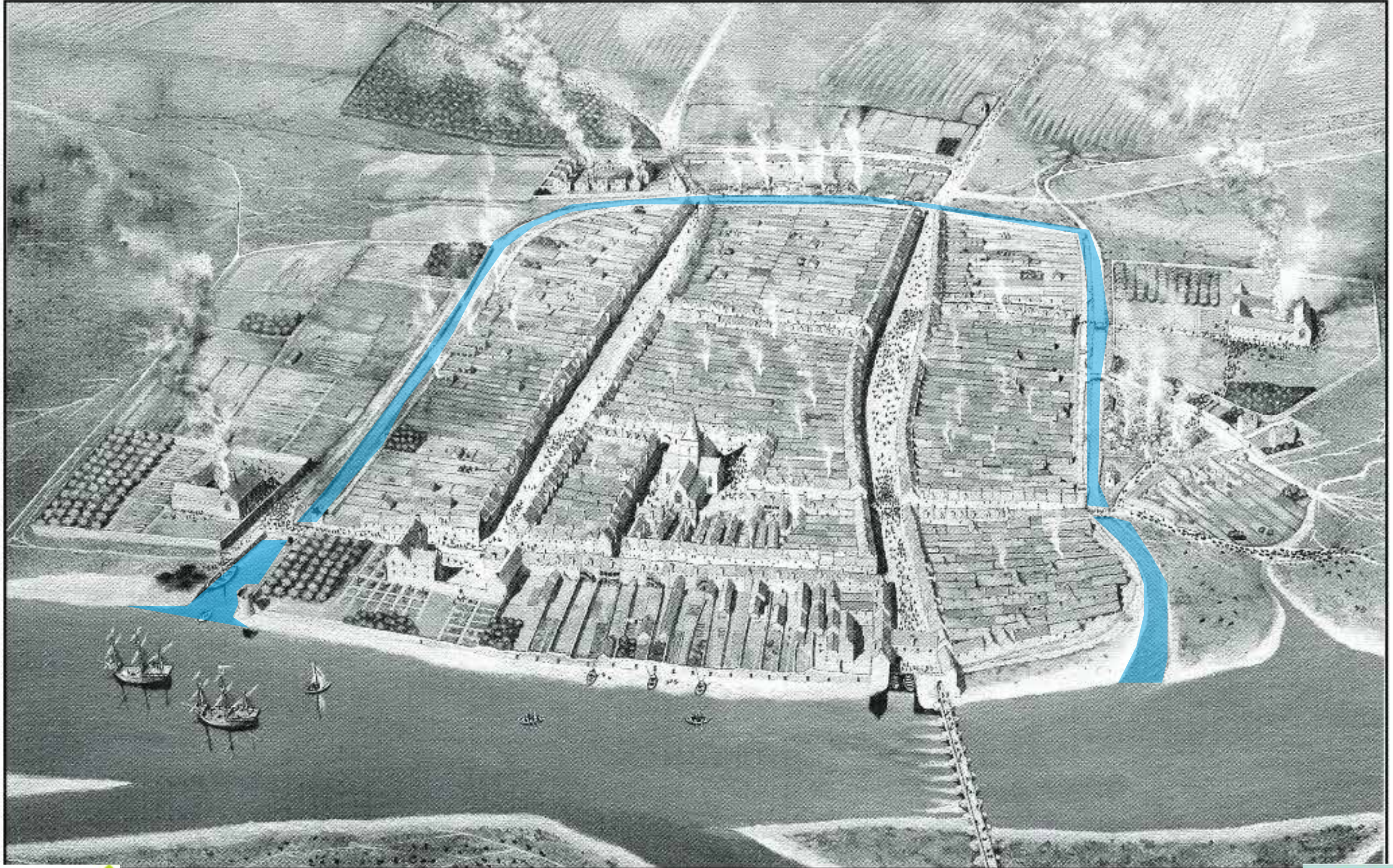
Name:	Stobie, James, fl. 1775-1804
Title:	The counties of Perth and Clackmannan.
Imprint: London : s.n., 1783

1/4 Mile

Medieval Core (the original 20 minute Neighbourhood?)
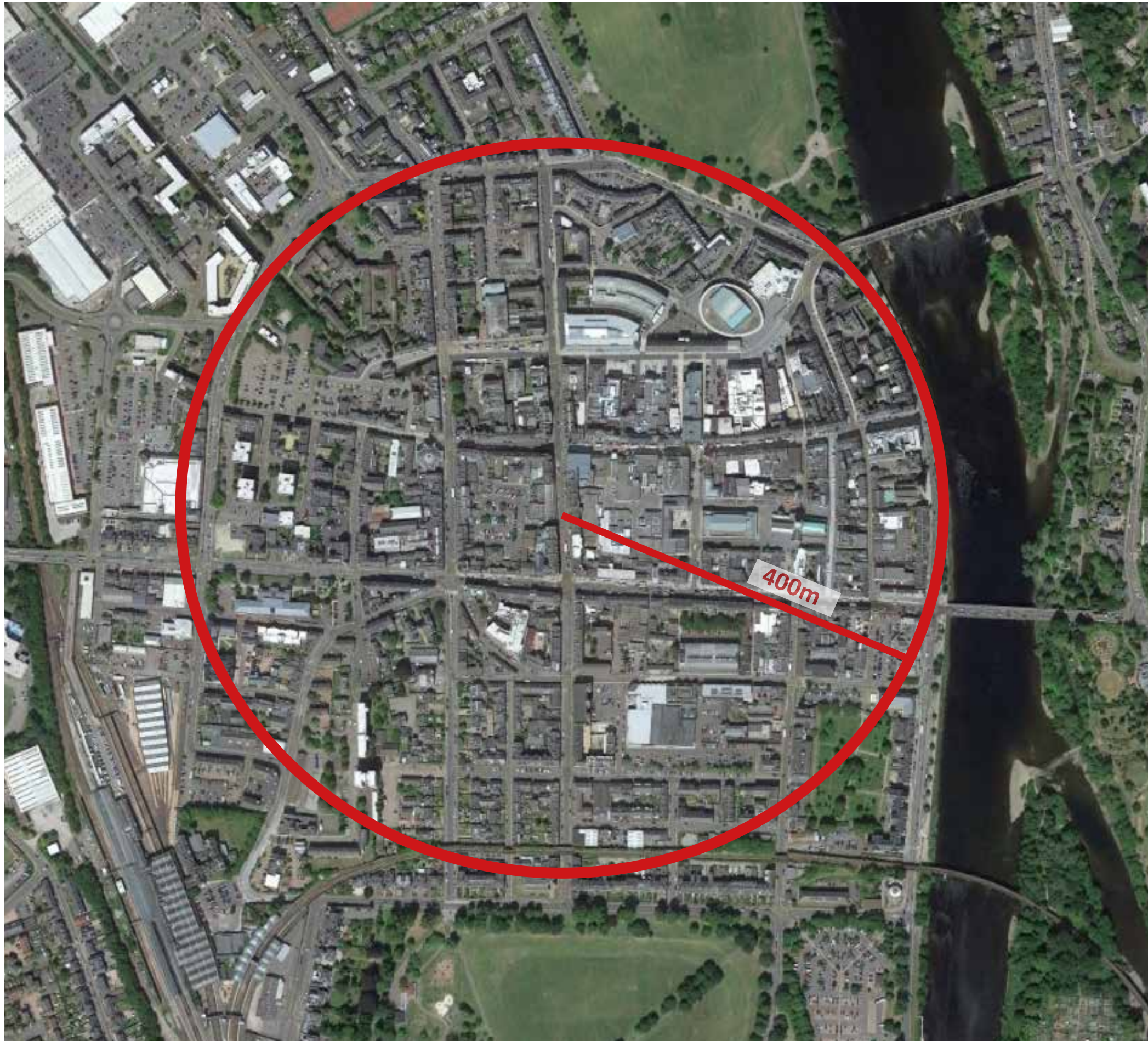
Medieval Suburbs (the original liveable Neighbourhood + sanitation improvements etc)

Proposed Kinnoull Street 1821

Proposed Scott Street 1821
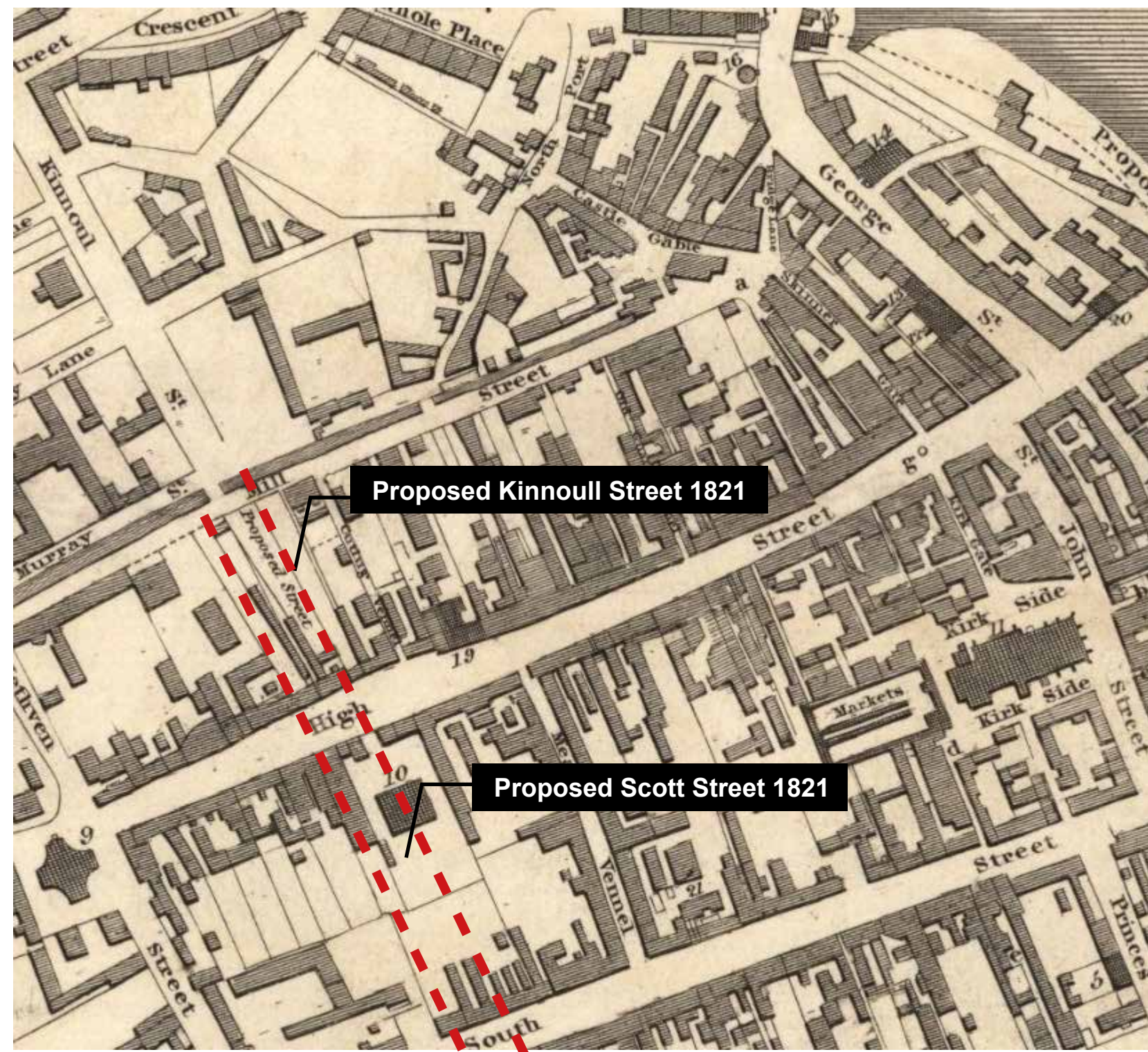
Built out at the turn of the 19th to 20th century - 10 years in the making.
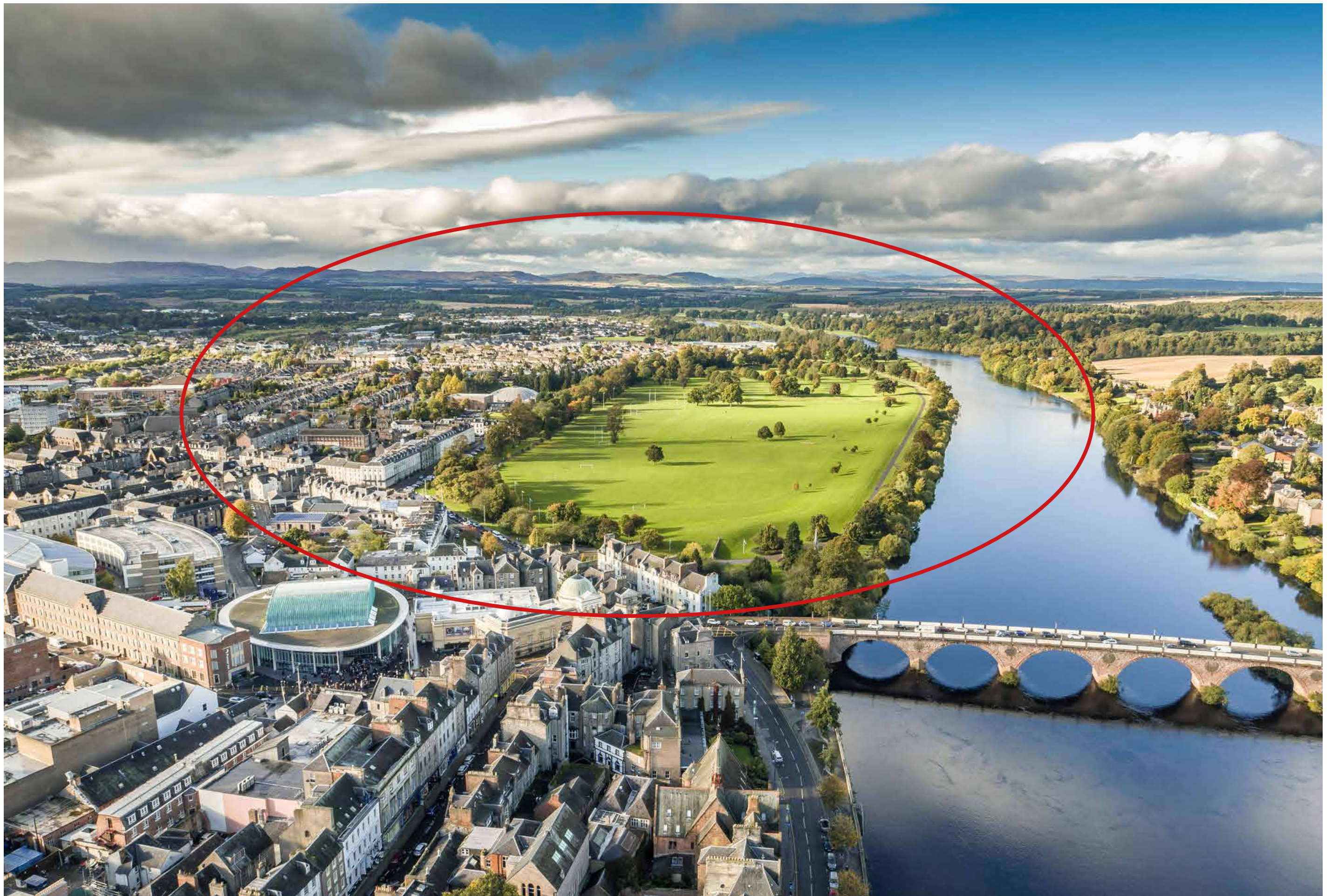
Sustainability & Fairness
Values or 'Golden Thread' through All Perth & Kinross democratic governance plans.

People/Communities

City Plan 2

Core route alignment options

Figure 14 Map of Core Routes Alignment Options (larger version of this map is available in Appendix A)
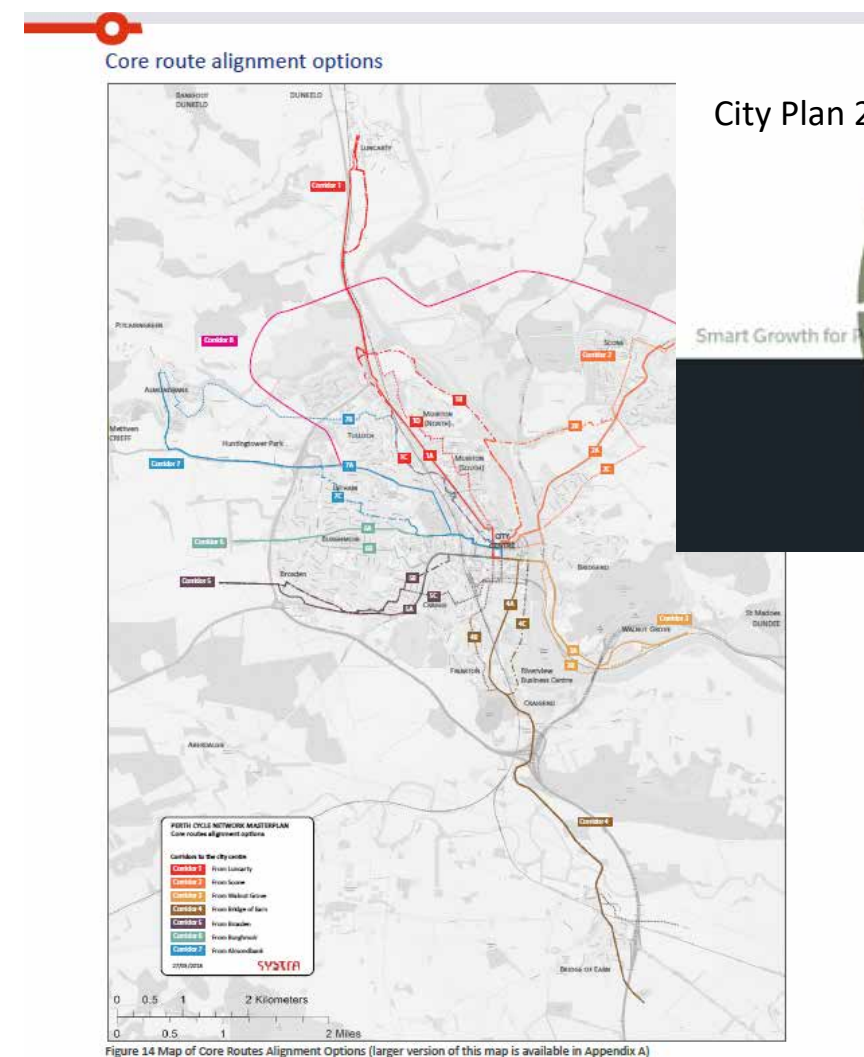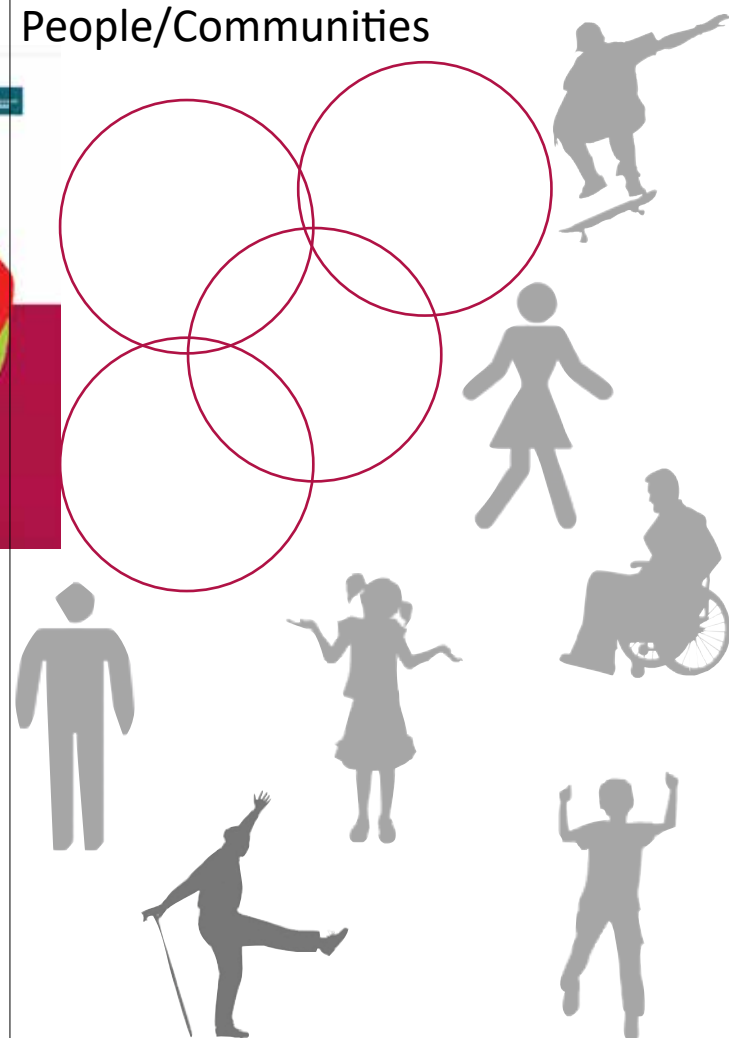
We're developing a project methodology which allows for *deliberative* democratic process - i.e.

Sharing the Design Process with Folks to help everyone make better informed democratic decisions with a project focus which is;

Fair, Healthy & Sustainable Movement.
Or
'Liveable Neighbourhoods' local folks

Surface S

outer side

Volume E

y ↑

x

x' | δx

δy

y

cross section

z
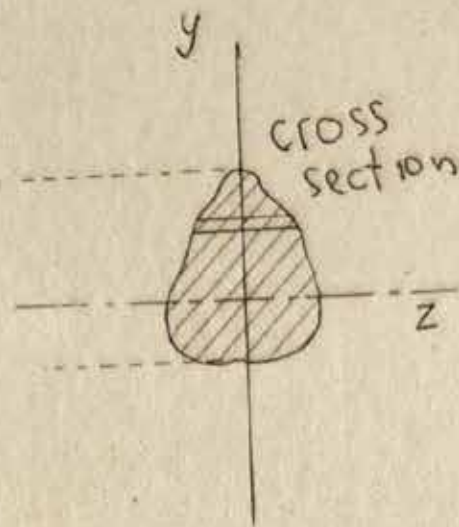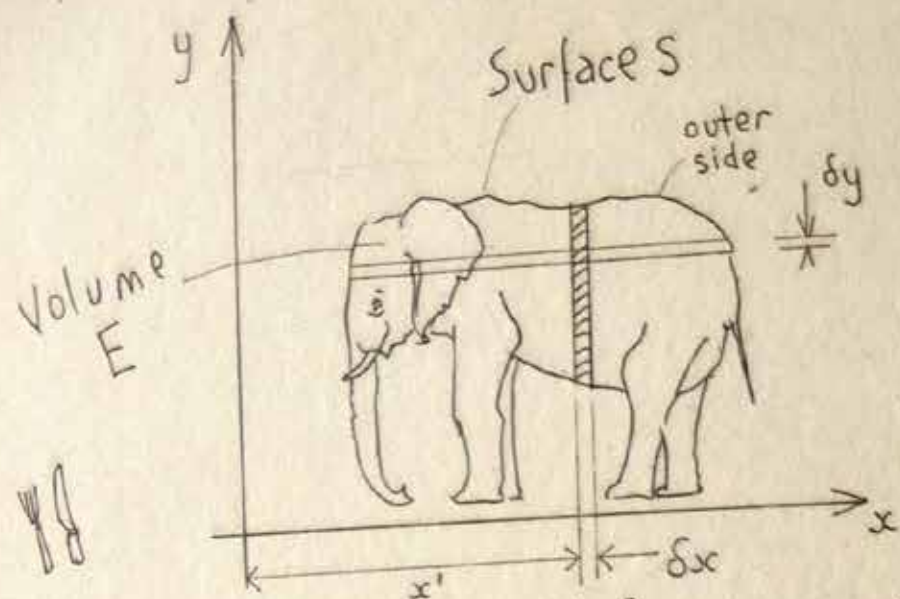
Define elephant by the functions
$$P(x,y,z) \; ; \; Q(x,y,z) \; ; \; R(x,y,z)$$

then
$$\text{Volume } E = \iint_S z \, dx \, dy \quad \text{where } z = f(x,y)$$

[Green's theorem in three dimensions has:
$$\iint_S \left(P \, dy \, dz + Q \, dz \, dx + R \, dx \, dy \right)$$
$$= \iiint_E \left(\frac{\partial P}{\partial x} + \frac{\partial Q}{\partial y} + \frac{\partial P}{\partial z} \right) dx \, dy \, dz$$

for $P = x$ $\;Q = 0$ $\;R = 0$
we get
$$\iint_S x \, dy \, dz = \iiint_E dx \, dy \, dz \;]$$

How to eat an elephant?

functions of an elephant:
• elephant production
• foliage clearance → howdah?
• vehicle
• logging
• circus performer
• remembering lists
• elephanting
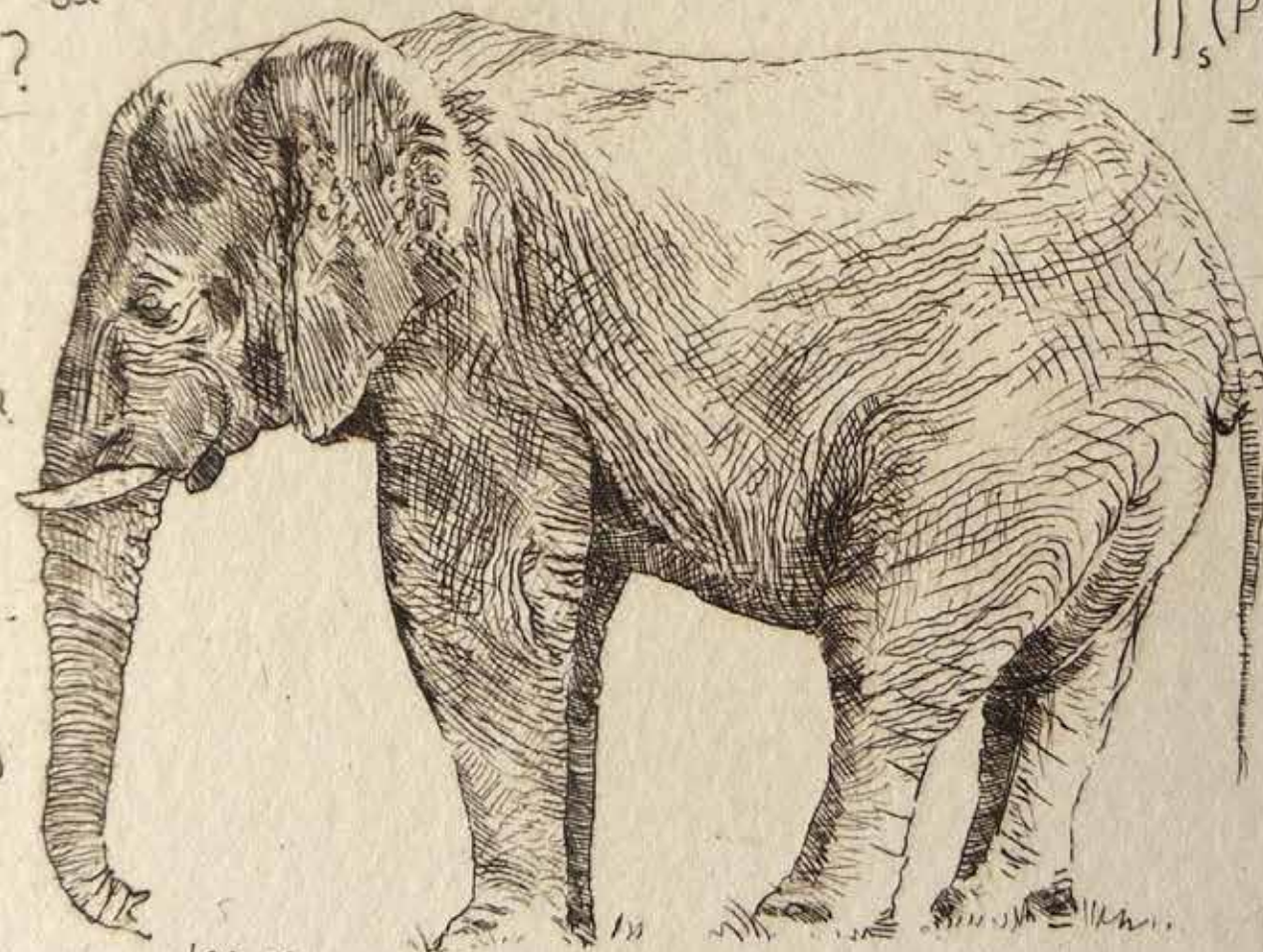
$$x = a^{\log_a x}$$

a logarithm is an exponent
which defines to what power
the base a must be raised
in order to give x, called
the antilogarithm.
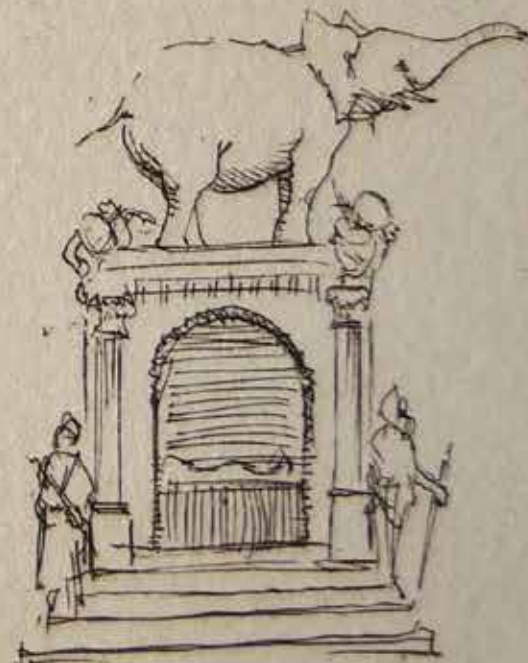
ENGAGE ON MOVEMENT FRAMEWORK   CONSULT ON DETAIL PROJECTS/PROPOSALS

Detailed Project Scoping
Combined boundaries - Dunkeld Road
V1 28/06/2021

Micro Design Focus Area

Baseline Meso Study Limit

Sustrans Streets Study Limit

Sustrans Streets Focus Area

Drawing No. Sk003

Google Earth

2 km

N

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Start with what's strong - not what's wrong...
(Political context matters)

https://www.pkc.gov.uk/article/19845/Map-of-Electoral-and-Community-Council-boundaries
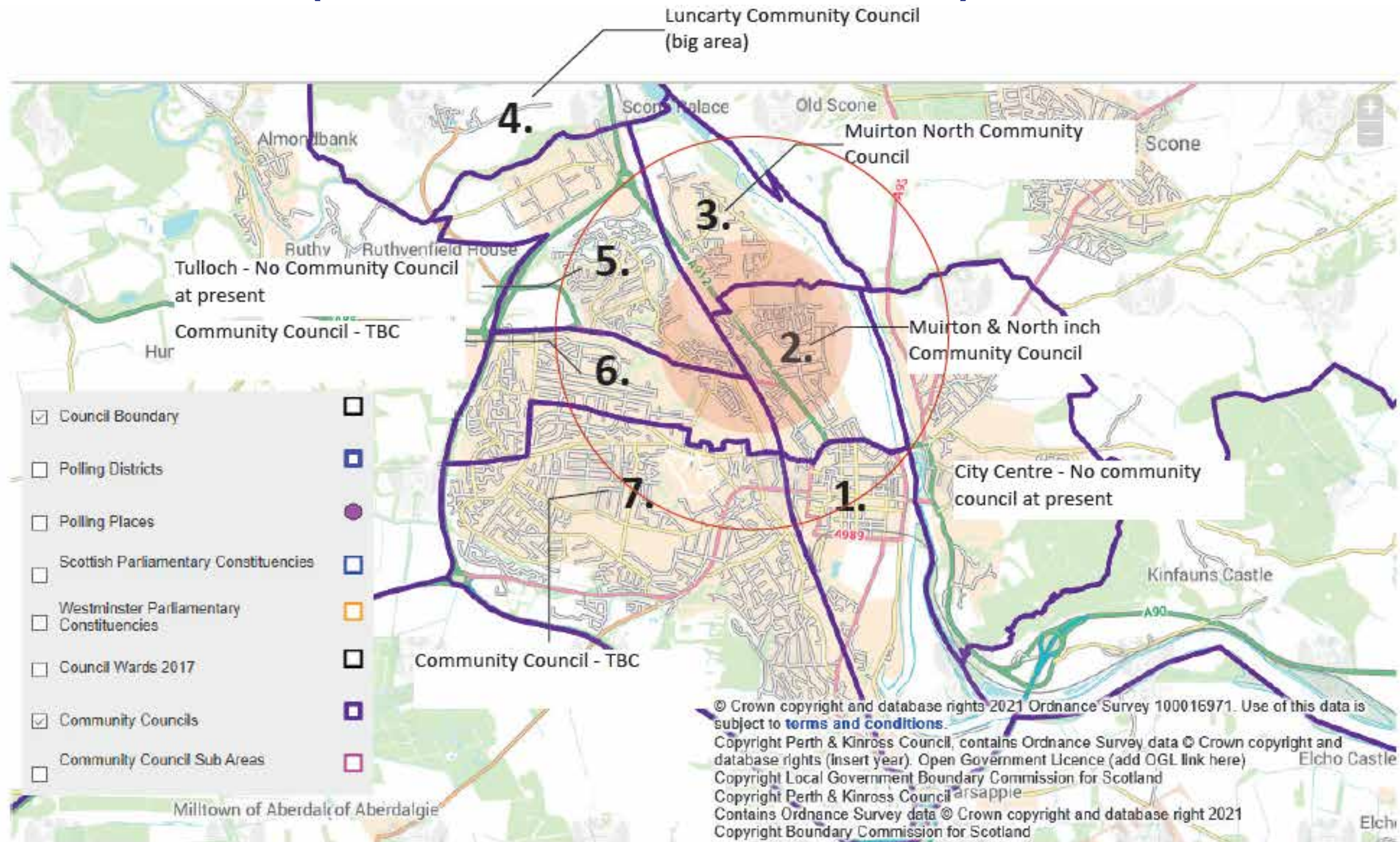
Participative (Deliberative) & Representative Democracy

Lower Risks

Common Place based-Framework co-ordinating and enabling multiple Plans

20 Minute Neighbourhood

Robust Understanding
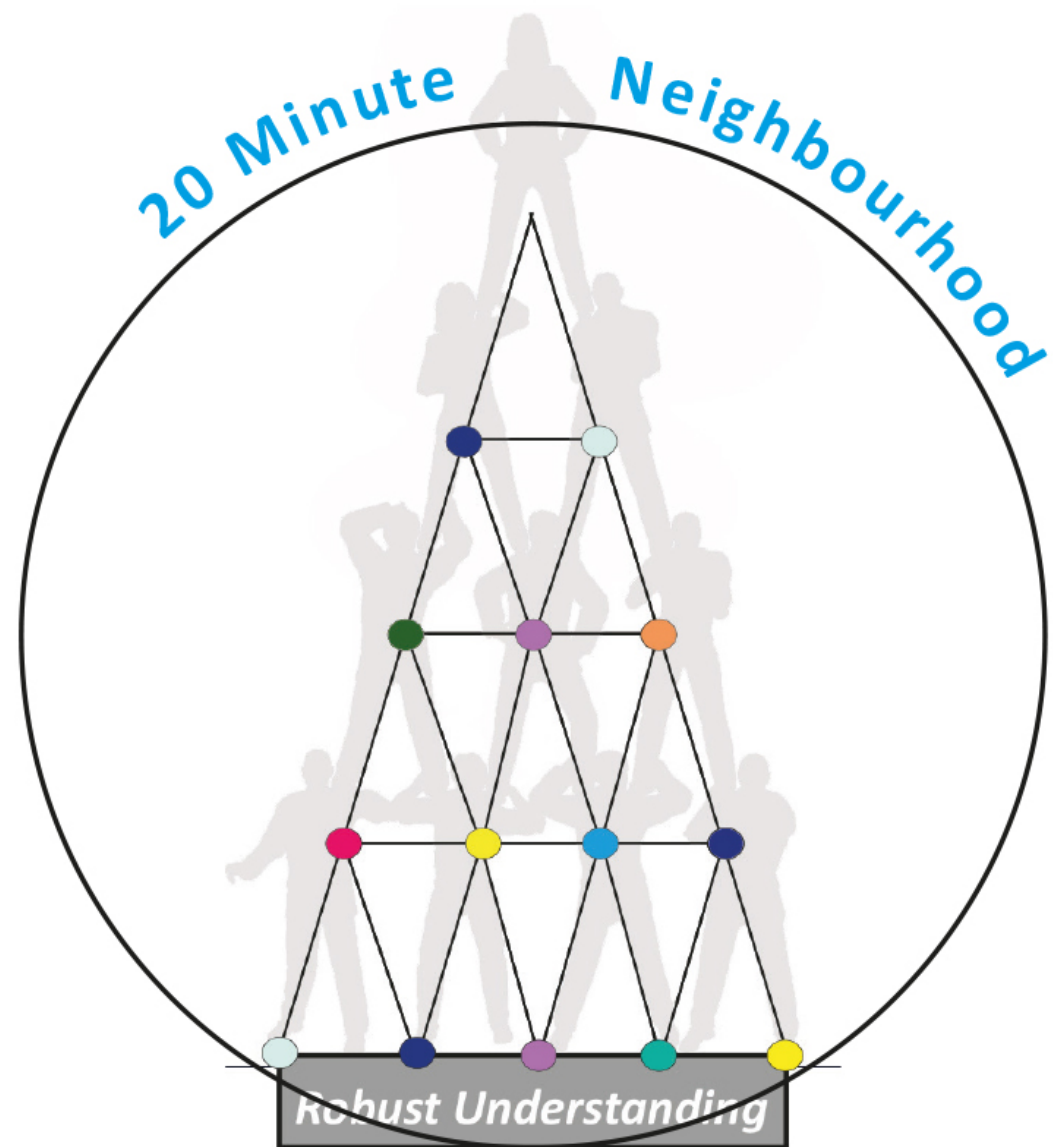
- More stable
- More affordable
- More cohesive
- More whole-place

Higher Risks

Constituted Community Group's limited Frameworks enabling multiple Plans

20 Minute Neighbourhood

Plan
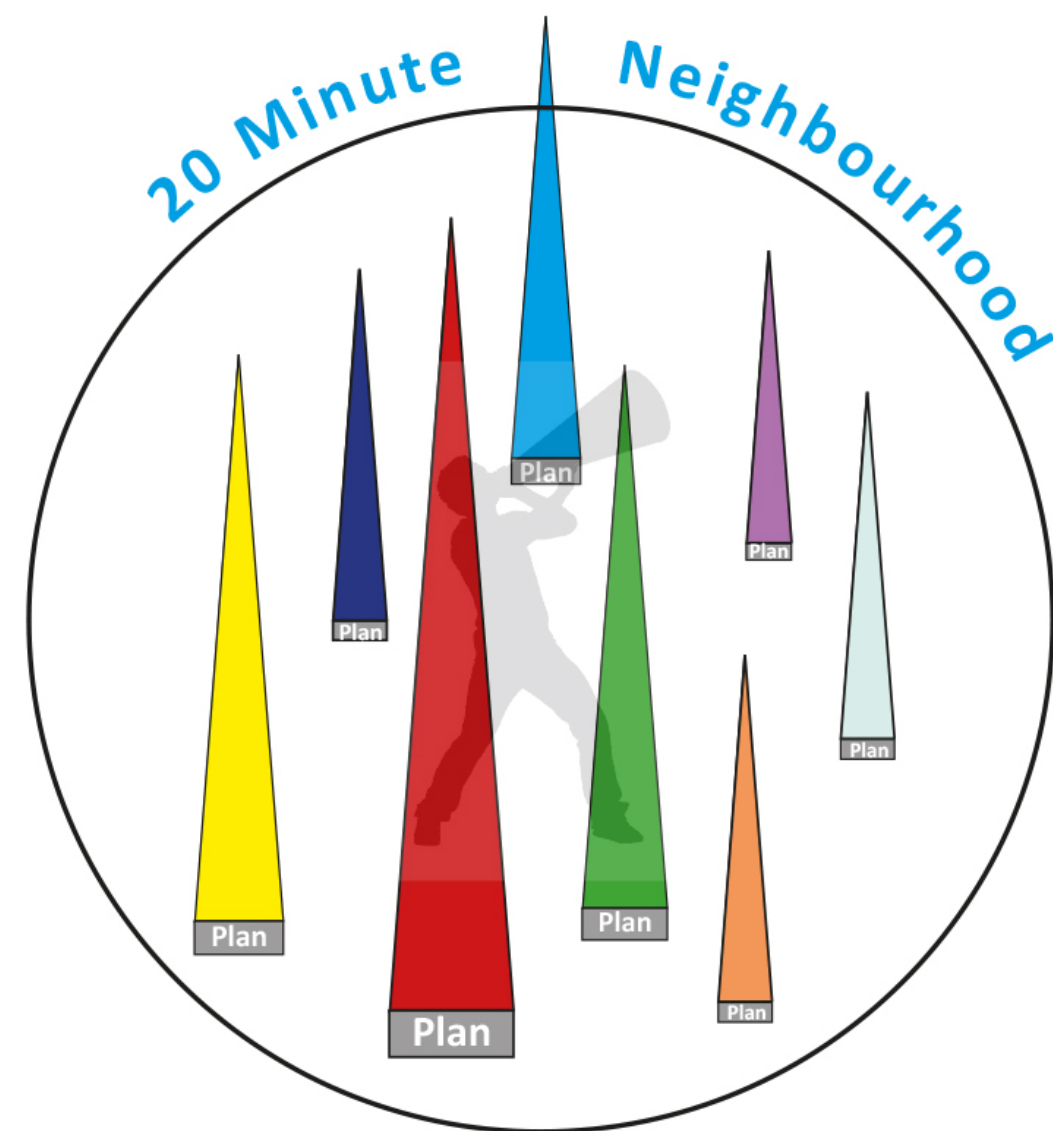
- Less stable
- Less affordable
- Less cohesive
- Less joined-up

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Top down V's 'Bottom up'.... really?

1. **High** Level Strategic/National/International/Regional
2. **Middle** Level Neighbourhood Contexts
3. **Detailed** Level Street extents for focused intervention/detailed design

(Subsidiarity or Devolution)

UK

SCO

EU

TAYP

UN

LOCAL

Place Framework

LDP

Perth City Plan

LOIP
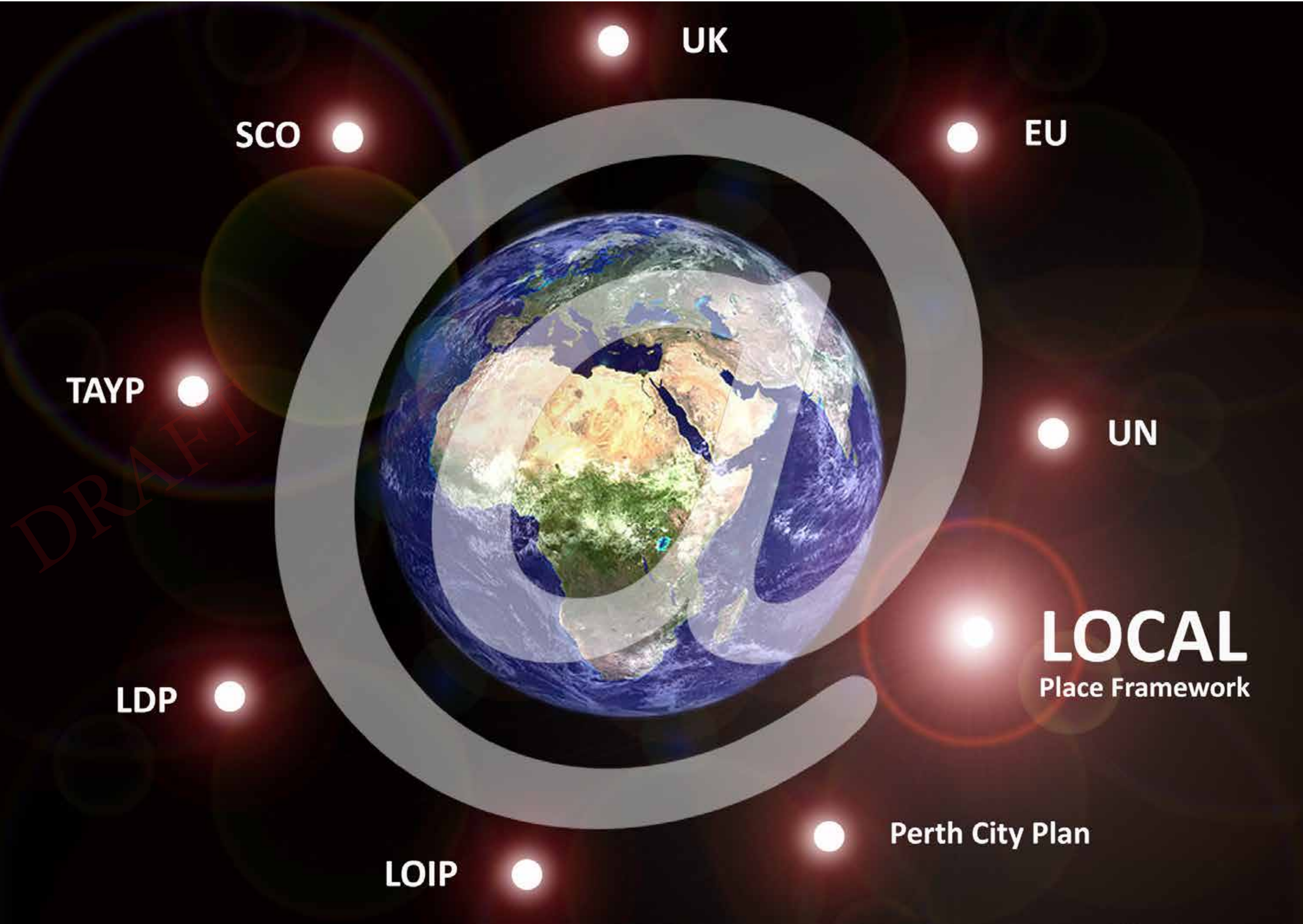
DRAFT

North Perth Neighbourhood Advisory Group
Terms of Reference (draft)

Liveable Neigbourhoods are a key and recurring feature at the heart of sustainable, healthy and safer communities where people, nature and enterprise can thrive. They help create the local conditions for the Perth Vision: A place for everyone to live life well.

Purpose & Role

To bring together, Community representatives, including from business and enterprise in North Perth, with a shared interest in participating in projects which aim to maintain and improve; the local streets, paths, public open space networks and sustainable transport - both infrastructure and services.

Urban Neighbourhoods typically have a catchment area greater in size, than any single community or Community Councils' boundary.

The primary role of the group, is in advising and participating, where possible, in local engagement, design and consultation for improved Sustainable Transport and Active Travel projects across your local Neighbourhood.

The aims of this group are to:

- Help advise PKC's projects team with ongoing local research & survey work during design development and project(s) delivery stages;
- Advise on delivery of local engagement & consultation events;
- Help facilitate collaboration in the design process to optimise locally informed; and locally responsive improvement proposals.

Responsibilities of this group are to:

- Collaborate across community boundaries on matters of shared interest - specifically Sustainable Transport and Active Travel;
- Continue to reflect the views, concerns and aspirations of local residents, key local groups including visitors to the area;
- Advise on relevant local visions, plans or projects, current or emerging, which are relevant to the purpose of the group; and
- Establish whether this group could provide a basis for developing future Local Place Plans, their coordination and delivery.

Anticipated Outcomes

- **Strengthened local, inclusive, informed, democratic decision-making;**
- **Healthier and safer streets and public open spaces;**
- **Enhanced natural environments;**
- **More accessible streets, public spaces and transport systems;**
- **More sustainable places - for everyone.**

Inputs (Cross Departmental PKC Teams)	Outputs
• Discussion papers • Progress briefings • Progress reviews & advice	• Minutes & advisory briefing notes • Issues/opportunities updates

Partner LOGOs Placeholder

Chair:
John McCrone

Frequency:
Every second month

Values

Fairness.
Sustainability.
Cooperation.

Working Agenda

1. Welcome & Introduction
2. Minutes approval
3. Neighbourhood update
4. PKC projects update
5. Next Steps
6. AOCB & Thanks

Attendees
- North Muirton Community Council
- North Inch & Muirton Community Council
- Wards 11 & 12 Elected Members
- Perth Traders Association - PTA
- Perth Chambers of Commerce - PCC
- Perth City Leadership Forum - PCLF
- Centre for Inclusive Living Perth - CFILPK
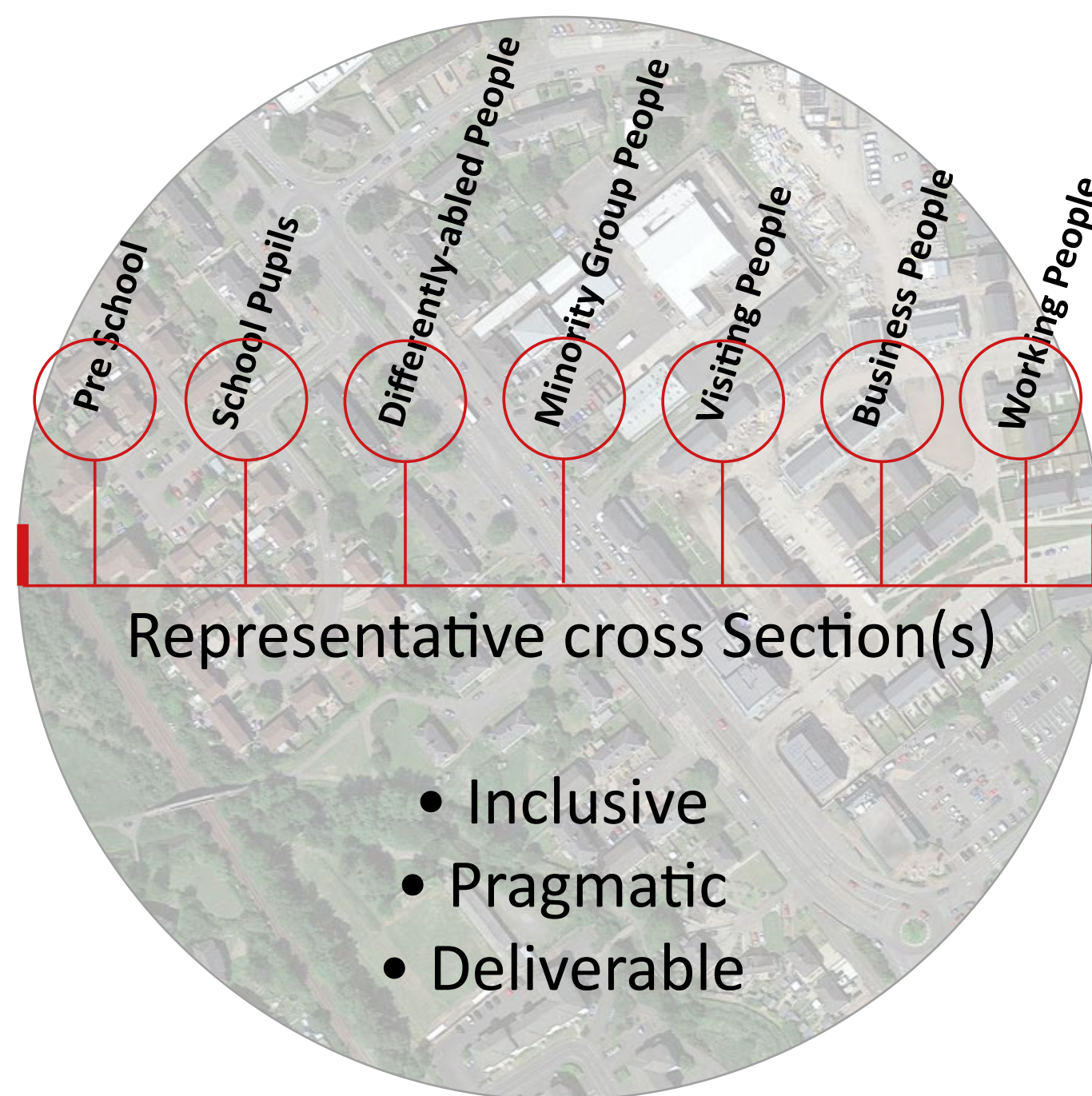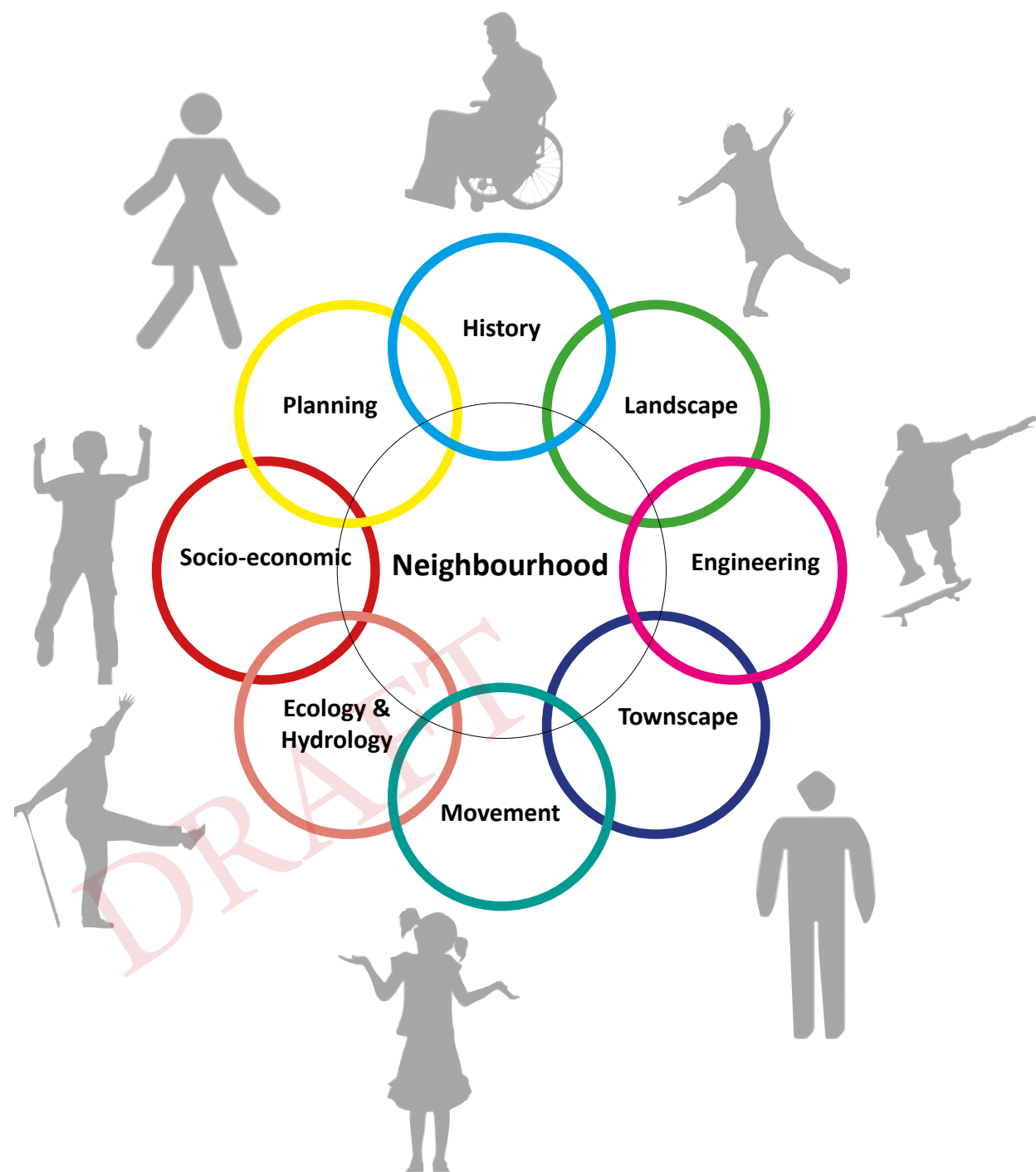- Perth City Local Action Partnership - PLAP

Baseline data – Policy Context Review **(Draft V1.9)**

	Directly relevant to DRC project	Further studies required @28th May 21
1. HIGH level All routes & neighbourhoods	**HIGH** • UN-sustainability Goals. • NPF3/emerging 4 • TfL (Economic benefits of cycling and walking) • Designing Streets (SG policy) • Designing Places (SG Policy) • Cycle by Design Scotland • National Transport Strategy 2 • Strategic Transport Projects Review 2 • Transport Scotland COVID transition plan Programme for Government **Regional/Local Authority** • Tactran RTS (2015-2036) • Tactran RTS3 – MIR (2021) • Perth & Kinross Offer & PKC Corporate Plan • PKC-NetZero-Climate Emergency • Local Outcomes Improvement Plan (LOIP) / Communities Plan • Local Development Plan 2 (LDP2) • Perth's Transport Future LTS (2010) • PKC Active Travel Strategy • Placemaking Guidance (adopted 2020) **Perth City** • Systra PCN Masterplan • Perth City Plan 2 • Bike Life Perth • Commonplace (Engagement and consultation stages) • Dunkeld Road Corridor Meeting 3 Sep 19 NIMCC • Perth Rail Station – Masterplan • Cross Tay Road Link (CTLR) • Perth Parking Survey(s) • Business case (SUSTRANS - bid) • Perth City Local Action Plan • Perth Central Conservation Area Appraisal - 2008	TBC further to review of this Desk top Study – and through the project process.
1. MEDIUM level Dunkeld Rd & 4 neighbourhoods	1. Place Standard Workshop 2. Active Travel Audits (North Muirton) 3. ISM (individual, Social and Material) workshop 4. PYA Engagement (Urbantu) 5. Primary Schools-Engagement 2019-20 (SUSTRANS) 6. Perth High Street (Living Streets Audit) 7. P&K Offer Equalities Conversations Update - April 2021 8. Probable Cost Estimates (SUSTRANS BID) 9. TACTRAN – Active Travel Audit with OM costings 2018 10. PKC community Household Surveys (various communities)	Suggest an Urban Design Framework study and report (similar to a Design and Access Statement). It will provide meso level appraisal in a form we can use to hold a 'place' informed conversation(s) with key stakeholders. TBC by John/Peter as part of the project methodology. • See previously circulated emerging/suggested scope • Refined business case for DRC phase?
2. DETAILED level Specifically Dunkeld Rd per plan	1. Public Life Surveys – (where did these take place within our corridor?) 2. Traffic & travel data (various sources) 3. Future years modelling assessments 4. Design Feasibility study (Royal HaskoningDHV)	TBC from scoping and emerging from the above framework decisions but likely: • See previously circulated emerging/suggested scope • A defined data capture programme for a robust "before" scenario
Combined	Dundee University Urban Design Projects	

Level = International, National, Regional Policy & City wide| Middle Level = Local Neighbourhoods Framework Context | Detailed level = Detailed Place & Detailed Project specific

Neighbourhood circles:
- History
- Landscape
- Engineering
- Townscape
- Movement
- Ecology & Hydrology
- Socio-economic
- Planning

DRAFT

Representative cross Section(s)
- Pre School
- School Pupils
- Differently-abled People
- Minority Group People
- Visiting People
- Business People
- Working People

- Inclusive
- Pragmatic
- Deliverable

Balanced decisions

Local experts co-working with **specialist experts**

Programme & Outline Project(s) Management Plan – Draft

Author: Elliot Williamson

Co-Authors: N. Moran & J. Clarkson

Date: 03/03/2022

Revision: v1.4

PERTH PEOPLE PLACE

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Values

- Fairness
- Sustainability
- Collaboration

The Perth People Place Vision which forms part of the Perth City Plan:-

To make Perth one of the best small cities in Europe.

The Perth People Place core Mission is:–

To make significant improvements to Sustainable Transport and Active Travel.

Perth People Place Outcomes:-

- Improve the health and well-being of local people and visitors to Perth by reducing pollution and making more active forms of transport and travel safer and easier to access.

- Significantly strengthen sustainability with a specific focus on movement uses, and associated carbon reduction.

- Increase and strengthen local democracy via deliberative and participative decision-making processes.

- Strengthen the quality and local positive character and structure of the local built and natural environments by learning from underlying historic patterns in Place development.

Part 2: Working example - Movement

We can't understand People, without understanding context.. And we can't understand Place without understanding complex overlapping elements (or we increase risks in decision-making)

Note:

The movement system is a democratic system - and a shared asset which we all have a stake in across multiple communities (by any definition).

Inverness

Aberdeen

Dundee

Perth as a 'Strategic Gateway'

Glasgow

Google Earth

Image © 2021 CNES / Airbus
Image © 2021 Maxar Technologies
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Macro - Regional/National/Global
Meso - Neighbourhood
Micro - Community Streets

Drawing No.001

N

10 km

Edinburgh

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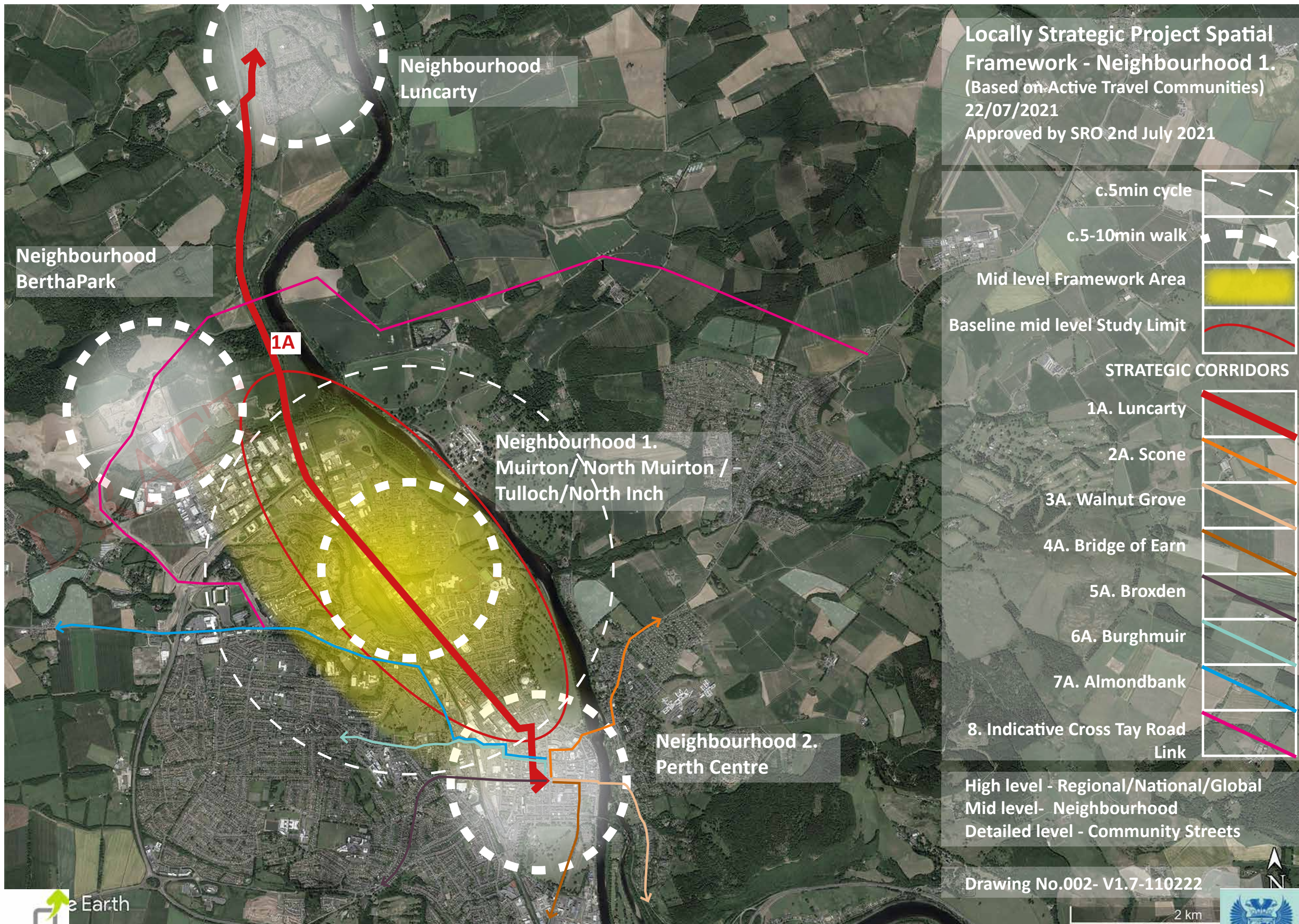
Locally Strategic Project Spatial Framework - Neighbourhood 1.
(Based on Active Travel Communities)
22/07/2021
Approved by SRO 2nd July 2021

Neighbourhood Luncarty

Neighbourhood BerthaPark

1A

Neighbourhood 1.
Muirton/ North Muirton /
Tulloch/North Inch

Neighbourhood 2.
Perth Centre

c.5min cycle

c.5-10min walk

Mid level Framework Area

Baseline mid level Study Limit

STRATEGIC CORRIDORS

1A. Luncarty

2A. Scone

3A. Walnut Grove

4A. Bridge of Earn

5A. Broxden

6A. Burghmuir

7A. Almondbank

8. Indicative Cross Tay Road Link

High level - Regional/National/Global
Mid level- Neighbourhood
Detailed level - Community Streets

Drawing No.002- V1.7-110222

2 km

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e Earth

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Connecting & Dividing
Communities Dunkeld Road
Corridor 1.
08/09/2021

Neighbourhood 1.
Muirton/North Muirton/
Tulloch/North Inch

TULLOCH

Rae Pl.

LETHAM

Strategic
PERTH
Centre

Railway (barrier)

Strategic connecting road

Locally dividing road

Drawing No. 0011 V1.0

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KINROSS
COUNCIL

1 km

Street Hierarchy - Dunkeld Road
Corridor 1.
V1.1 08/09/2021

North Muirton
Radburn Layout
(not really streets)

Neighbourhood 1.
Muirton/North Muirton/
Tulloch/North Inch

Pedestrian
Bridge

TULLOCH

Crieff Rd. Corridor 7

Rae Pl.

LETHAM

Strategic
PERTH
Centre

1.	Primary Streets	
2.	Secondary Streets	
3.	Tertiary Streets	
	Railway (barrier)	
	Active Travel Bridges (existing)	

Drawing No. 0010 V1.2 -
North Inch Path added

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1 km

Sustainable Transport & Active Travel Projects

Neighbourhood 2
Project 1- Sketch Route Options
Muirton, North Inch & Tulloch
2022-2025
V.1.0

Key
- - - Primary
- - - Secondary
o o o Recreational
o o oo Tertiary
Various

* Trip generators

CRIEFF ROAD

Key:

- ▢ (red) **Aspirational / unfunded**
- ▢ (orange) **Design development**
- ▢ (green) **Detail design / delivery**
- ▬ (pink) **Cross Tay Link Road CTLR**

PPP - City Wide Projects:

- ▢ (orange) **Mobility as a Service (MaaS)**
  Smart P&K Communities PKC

- ▢ (orange) **Active Travel Hubs (ATH)**
  Transport Planning,Communities

- ▢ (green) **Electric Vehicle Charge Points (EV)** roll-out ongoing
  Transport Planning,Communities

- ▢ (orange) **Perth Air Quality Action Plan**
  Transport Planning,Communities

- ▢ (green) **Perth & Kinross on the *GO***
  Transport Planning,Communities

- ▢ (orange) **Pavement Parking Ban**
  Transport Planning,Communities

Strategic Projects - Bertha Park & Choose
Community Lead:
Luncarty Community Council.
Project Lead:
Transport Planning - PKC

Community Lead:
Luncarty Community Council
Project Lead:
Roads Infrastructure, Communities PKC

Cross Tay Link Road CTLR

Perth Airport

Neighbourhood 1.
Tulloch/Muirton/NorthInch/Balhousie

Strategic Projects - Community-Shared Tay Crossing
Bridge
Community Lead:
Scone & District Community Council (SDCC)
Project Lead:
Planning & Development Communities - PKC

DRAFT

Community Lead:
City Leadership Forum/Perth Traders Association (No Community CC)
Project Lead:
Place Development, Communities - PKC

City Centre

Strategic Projects - Neighbourhood 2. Framework

Strategic Projects - Broxden Park & Choose
Community Lead:
Community Council Not Active.
Project Lead:
Transport Planning - PKC

Strategic Projects - Rail & Bus Station MP
Network Rail Lead:
Richard Malloy
Project Lead:
Place Development, Communities - PKC

Strategic Projects - Willowgate Park & Choose
Community Lead:
West Carse Community Council
Project Lead:
Development Planning, Communities - PKC

Google Earth

4 km

N

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Sustainable Transport & Active Travel Projects

Coordinating Framework Plan - Neighbourhood 1.
Muirton, North Inch & Tulloch
2022-2025
V.1.1

Refer to Projects' Audit for

Perth Transport Futures & wider projects context

P/C

Strategic Projects - Bertha Park & Choose
Community Lead:
Luncarty Community Council.
Project Lead:
Transport Planning - Communities PKC

A-B Active Travel Improvements Project 1.
Community Lead:
Neighbourhood Advisory Group
Project Lead:
Place Development, Communities - PKC

Community Lead:
North Muirton Community Council
Project Lead:
Traffic & Network, Communities - PKC

NMCC - North Muirton 20 MPH P4

NMCC - Bute Drive Traffic Calming P3
Community Lead:
North Muirton Community Council
Project Lead:
Traffic & Network, Communities - PKC

NMCC - Sustainable Streets & Accessible Places P2
Community Lead:
North Muirton Community Council
Project Lead:
Place Development, Communities - PKC

Bus Improvement Corridor P11
Community Lead:
Neighbourhood Advisory Group
Project Lead:
Transport Planning - Communities PKC

Community Lead:
Neighbourhood Advisory Group
Project Lead:
Place Development, Communities - PKC

NI+MCC-Sustainable Streets & Accessible Places P2

Lade Project 'White Bridge' P10
Community Lead:
Neighbourhood Advisory Group
Project Lead:
Greenspace, Communities - PKC

NI+MCC - Residents' Parking Strategy P5
Community Lead:
North Inch+Muirton Community Council
Project Lead:
Traffic & Network, Communities - PKC

NI+MCC - Florence Place One way system P6
Community Lead:
North Inch+Muirton Community Council
Project Lead:
Traffic & Network, Communities - PKC

Balhousie Street Art Project P8
Community Lead:
North Inch+Muirton Community Council
Project Lead:
Traffic & Network, Communities - PKC

NI+MCC - Vehicle Activated Signs P7
Community Lead:
North Inch+Muirton Community Council
Project Lead:
Traffic & Network, Communities - PKC

A-B Active Travel Improvements Project 1.
Community Lead:
Neighbourhood Advisory Group
Project Lead:
Place Development, Communities - PKC

Network Rail Lead:
Richard Malloy
Project Lead:
Place Development, Communities - PKC

R/B **Strategic Projects - Rail & Bus Station MP**

Key:
- Aspirational / unfunded
- Design development
- Detail design / delivery
- **9** Muirton Primary School

City Wide Projects:
- **Mobility as a Service (MaaS)** Pilot Smart P&K Communities PKC
- **Active Travel Hubs (Satellite)** Transport Planning, Communities P
- **Electric Vehicle Charge Points (EV)** roll-out ongoing Transport Planning, Communities
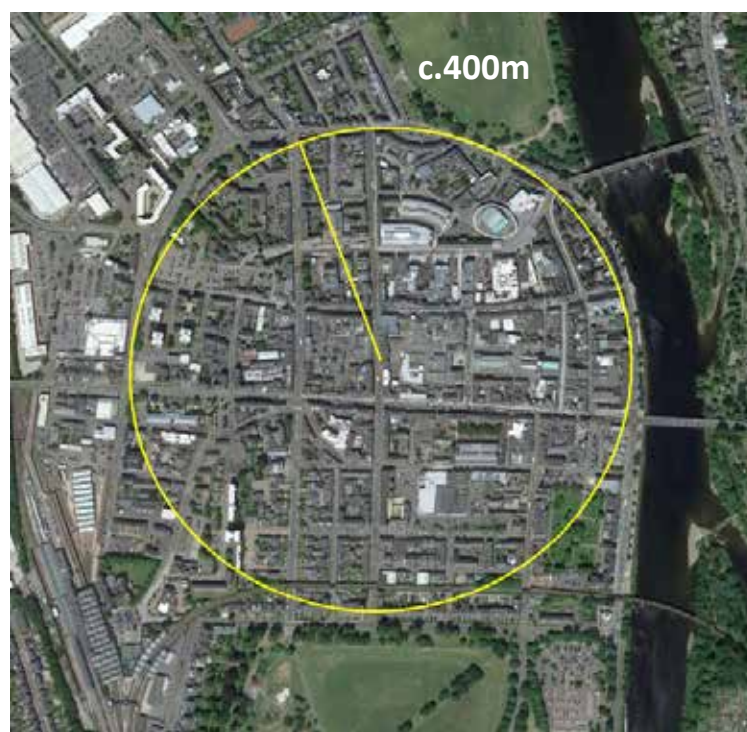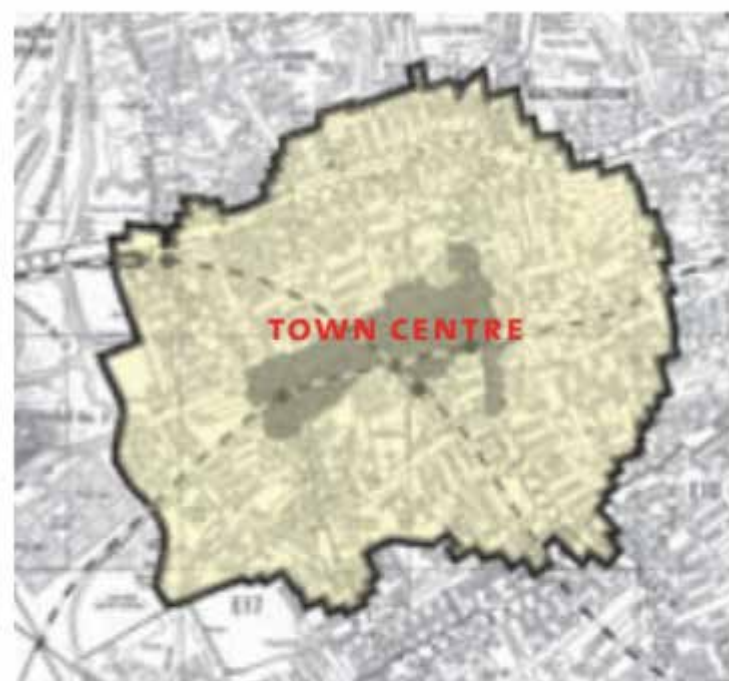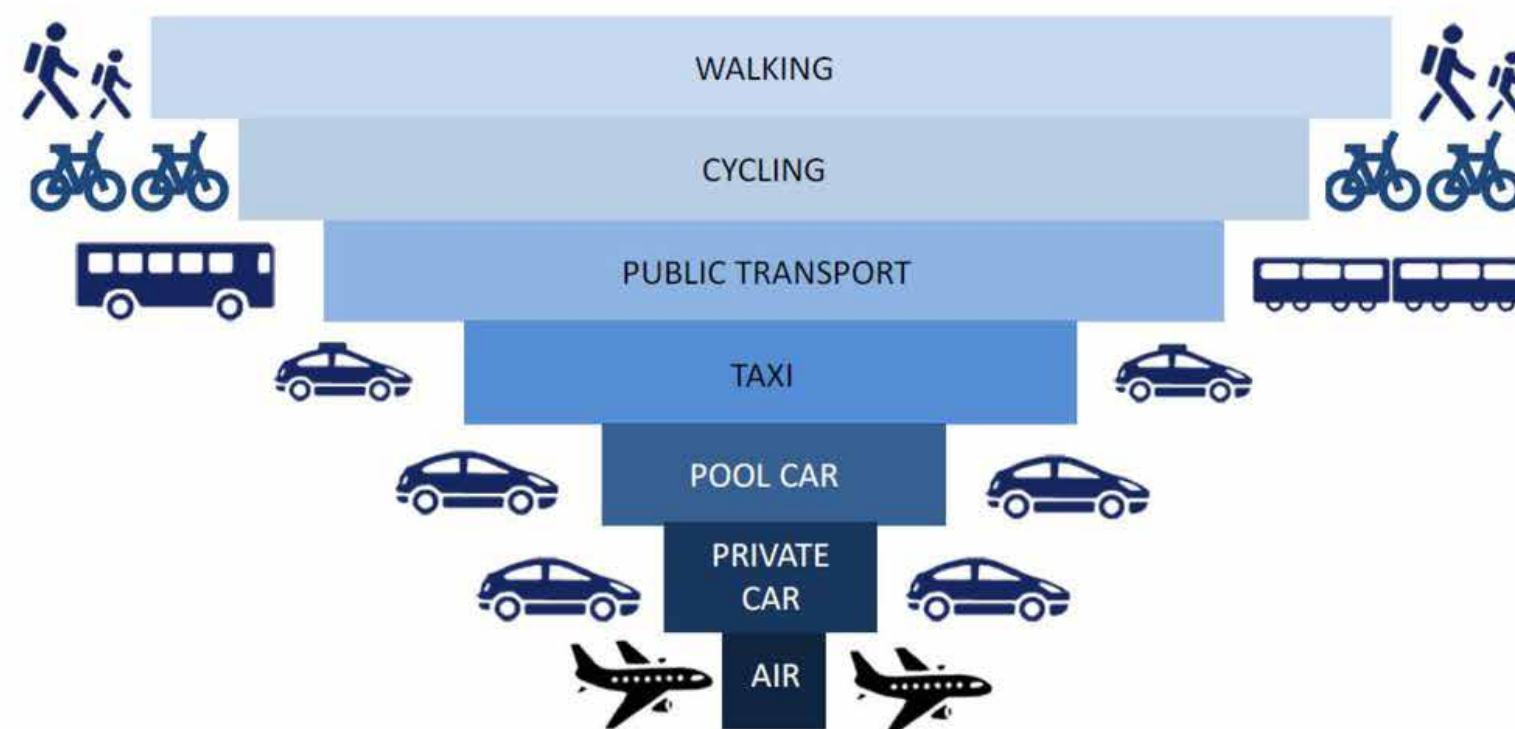
DRAFT

1 km

Google Earth

N

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c.400m
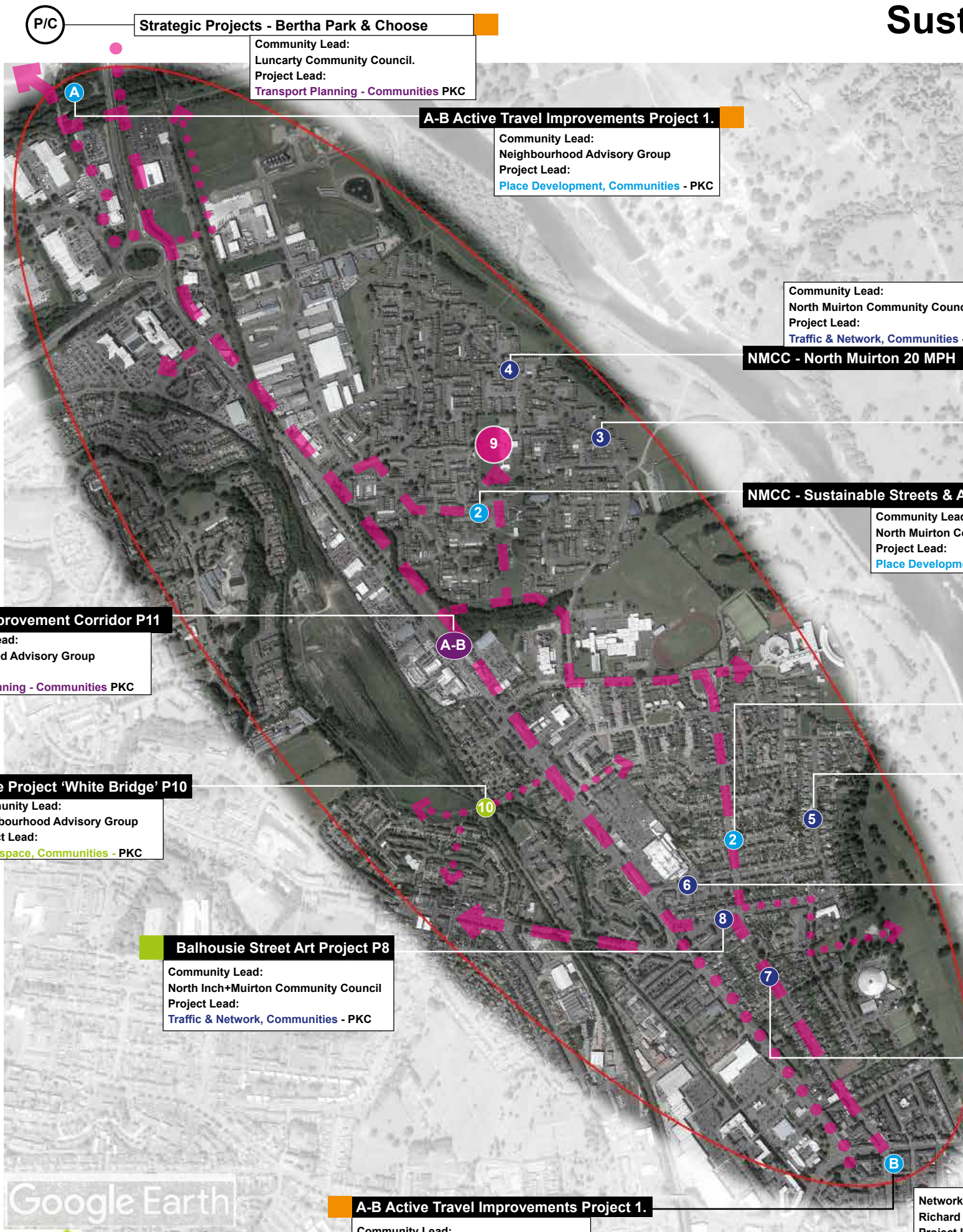
Perth...

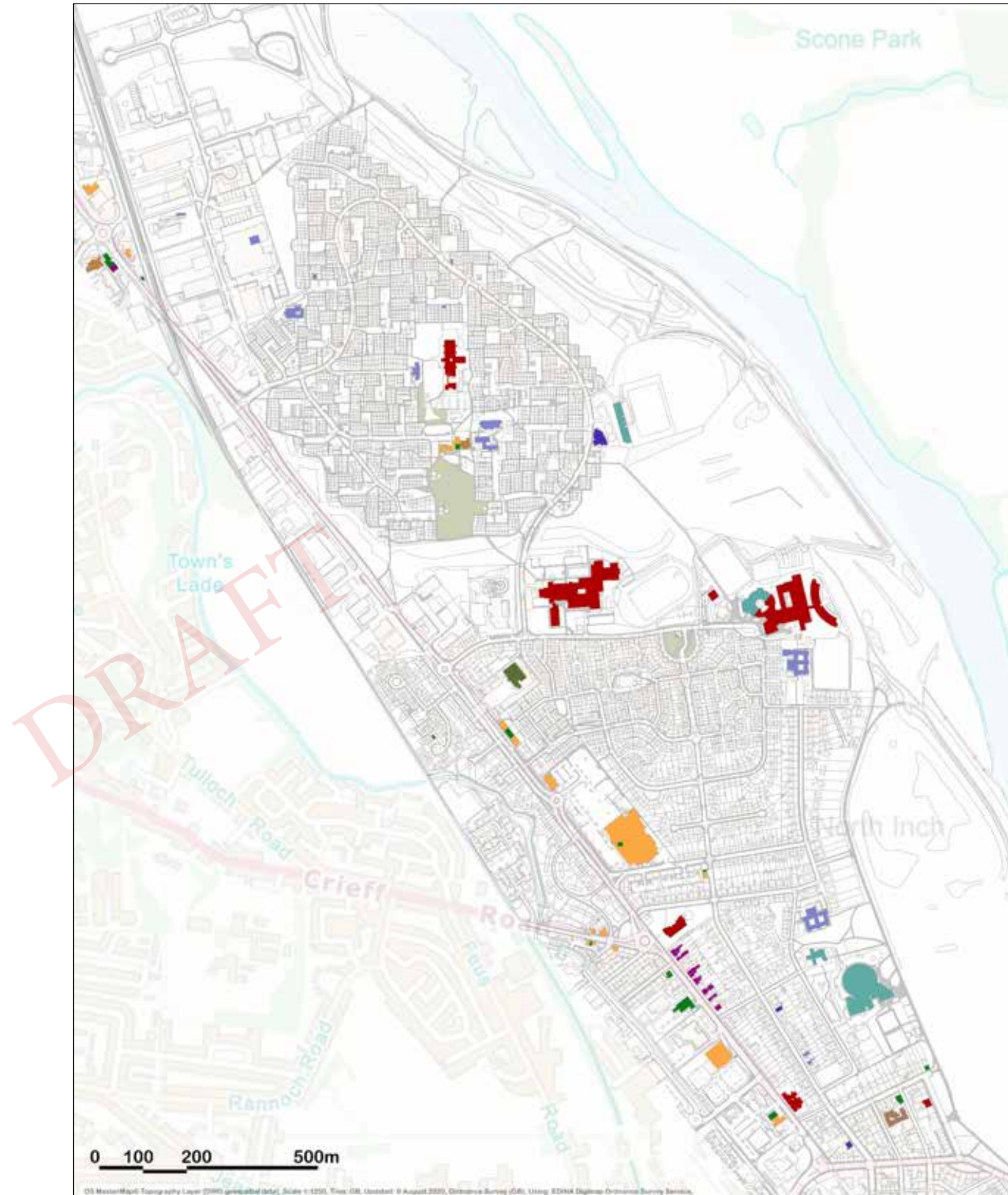The first step is to define the walkable catchment area to local facilities

TOWN CENTRE

This can then be refined to reflect more accurately existing routes and barriers to movement.

Health supporting Sustainable Places = key outcomes

WALKING

CYCLING

PUBLIC TRANSPORT

TAXI

POOL CAR

PRIVATE CAR

AIR

Why do we need to get into motorised transport in the first place?

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Where's the best place to put the things we share?

DJCAD - Urban Design Students pre pandemic

Perth City Visions

DRAFT

Project Mission

Movement

Dunkeld Road Project

CITY CENTRE

Neighbourhood

- History
- Landscape
- Engineering
- Townscape
- Movement
- Ecology & Hydrology
- Socio-economic
- Planning
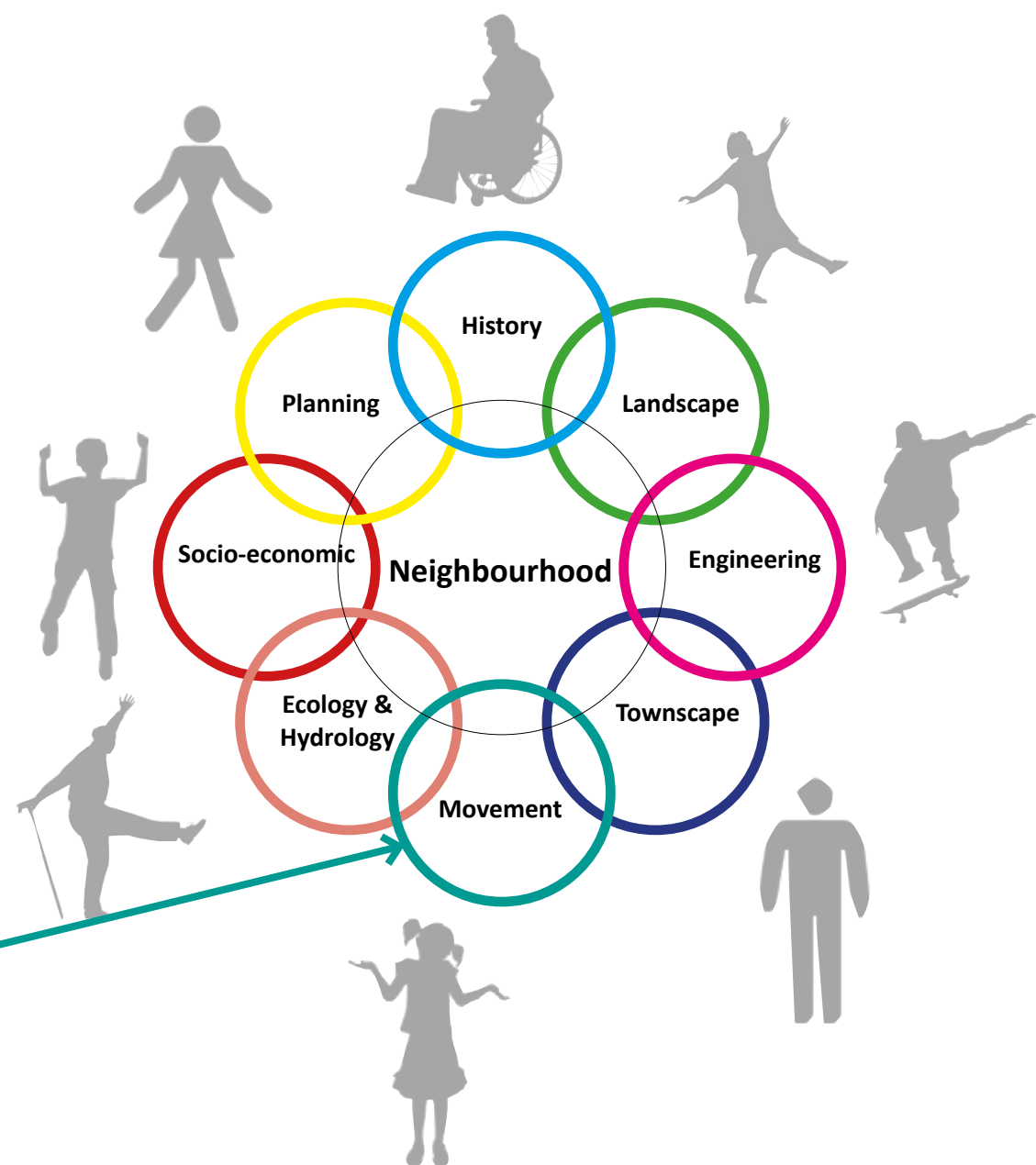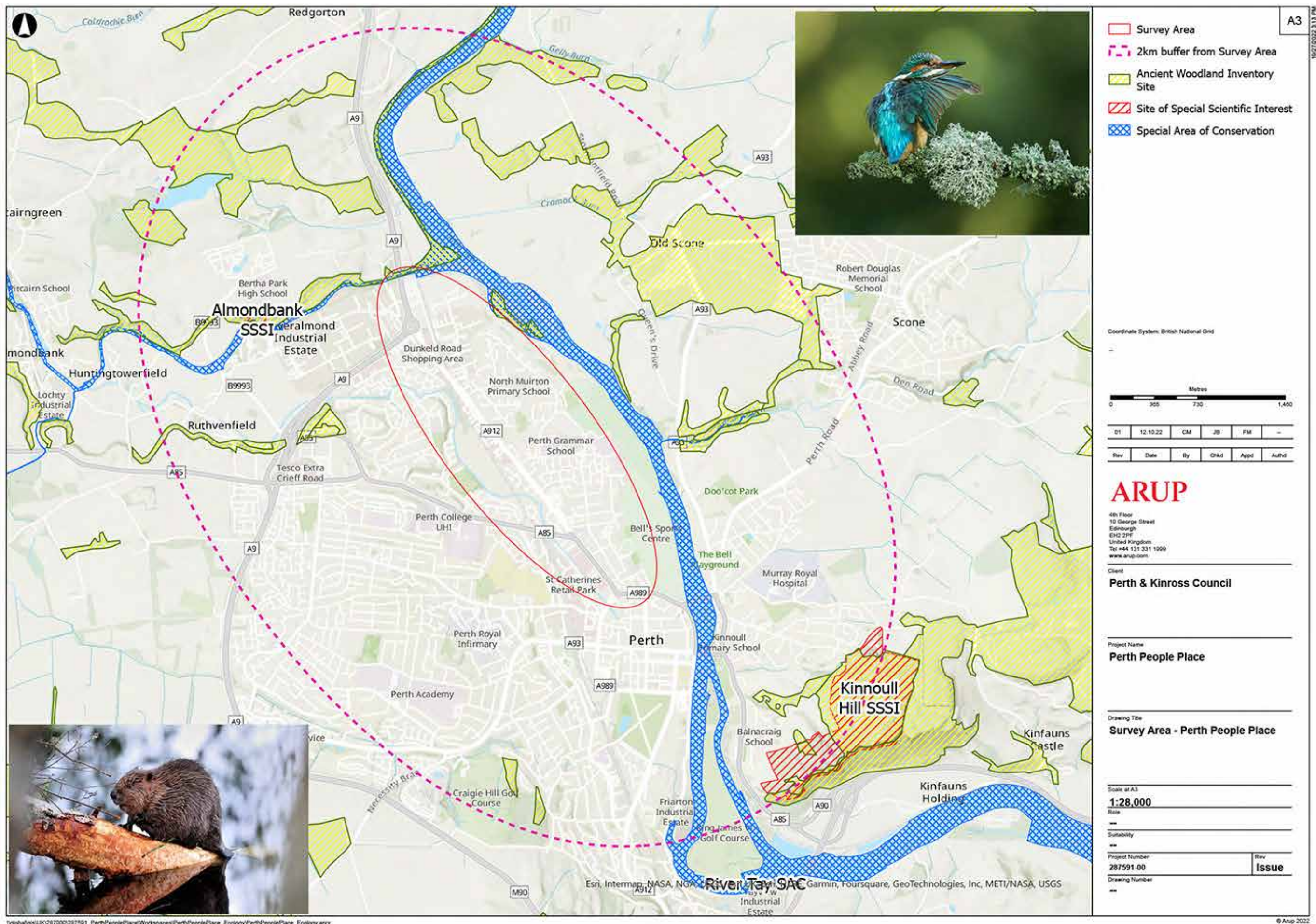
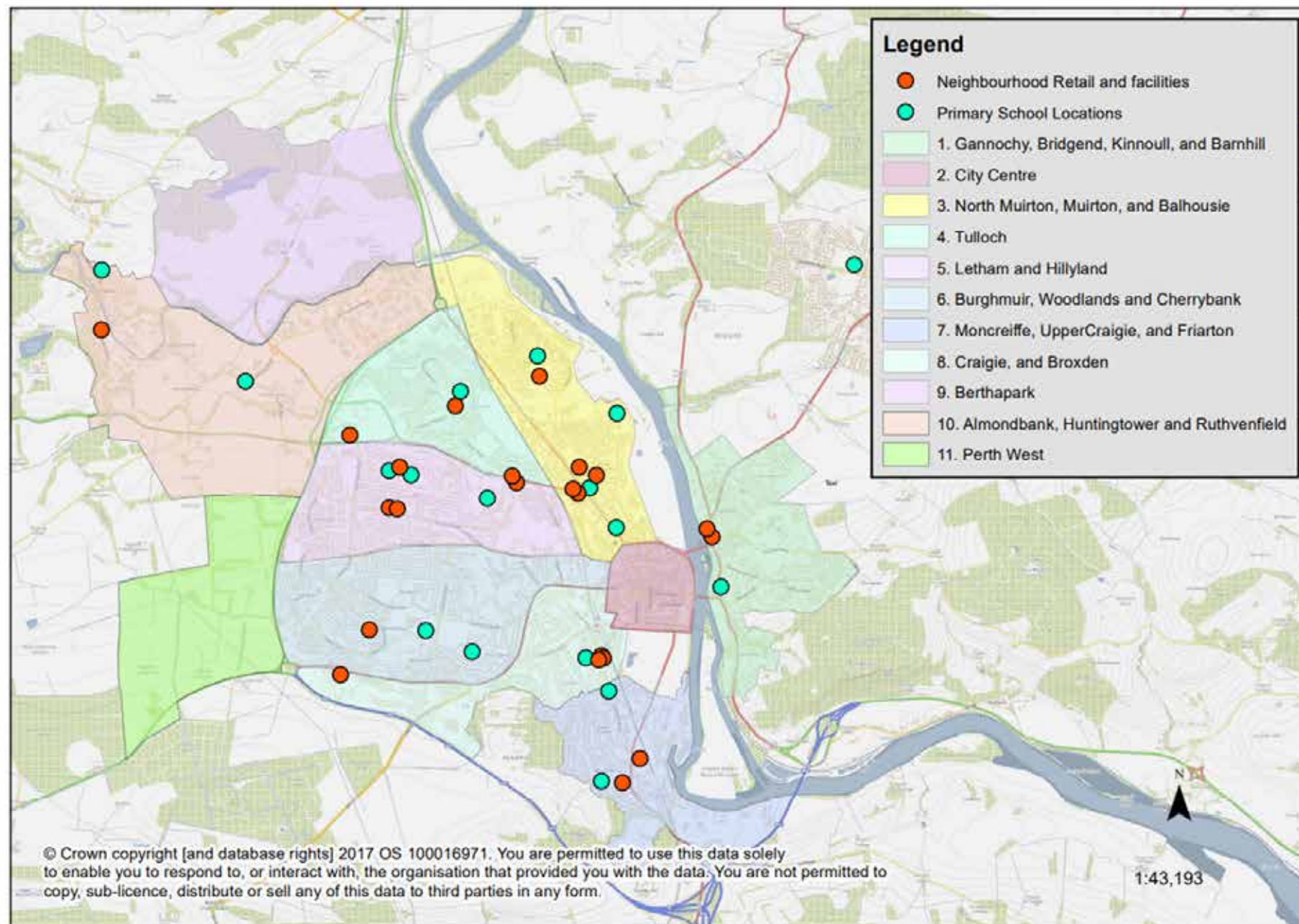# Preliminary Ecological Survey Report

Neighbourhoods - a **process** informing **and** being informed by, our Local Development Plan LDP processes (& Transport Planning) via collaboration.

Peer review & validation (quantitative only - using travel time map demo on line).

Legend

- 🔴 Neighbourhood Retail and facilities
- 🟢 Primary School Locations
- 1. Gannochy, Bridgend, Kinnoull, and Barnhill
- 2. City Centre
- 3. North Muirton, Muirton, and Balhousie
- 4. Tulloch
- 5. Letham and Hillyland
- 6. Burghmuir, Woodlands and Cherrybank
- 7. Moncreiffe, UpperCraigie, and Friarton
- 8. Craigie, and Broxden
- 9. Berthapark
- 10. Almondbank, Huntingtower and Ruthvenfield
- 11. Perth West

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sus**trans**
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''Article 12 of the UNCRC says that children and young people have the human right to have opinions and for these opinions to matter. It says that the opinions of children and young people should be considered when people make decisions about things that involve them, and they shouldn't be dismissed out of hand on the grounds of age.

It also says that children and young people should be given the information they need to make good decisions ''

If Knowledge is Power - would local Neighbourhood data centres be helpful?

"Change happens at the speed of trust" S.Covey

Reflections at this Stage:

- Low Trust conditions just now generally - with 'experts' - **consistency of Terminology** may help;

- Our approach thus far, has helped with our social licence to operate through co-process and **co-learning with local experts and specialist experts**;

- Frameworks are pragmatic tools to help map, evidence and therefore help co-ordinate prioritised and targeted changes;

- Shared **Neighbourhood / mid-scale survey** baselines studies can significantly help to achieve better value(s) for time and money;

- Potential to reduce consultation fatigue - with Neighbourhoods of multiple communities working together on **shared** interests;

- They can **reduce risks**; and

- They can help **nurture and strengthen Trust**... (as we face multiple emergencies).

Patrick Geddes

Thank You.

Questions & Discussion