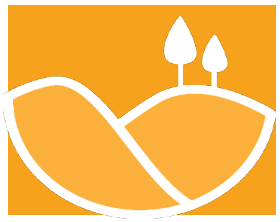
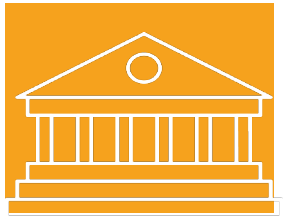

National Trust | Paths

About the National Trust

National Trust

….for the purposes of promoting the permanent preservation **for the benefit of the nation** of lands and tenements (including buildings) of beauty or historic interest…
and as regards lands for the preservation (so far as practicable) of their natural aspect, features and animal and plant life.

National Trust Act 1907



250,000 hectares of land

350 historic houses & gardens

200 historic parks

28,000 buildings & structure

780 miles of coastline

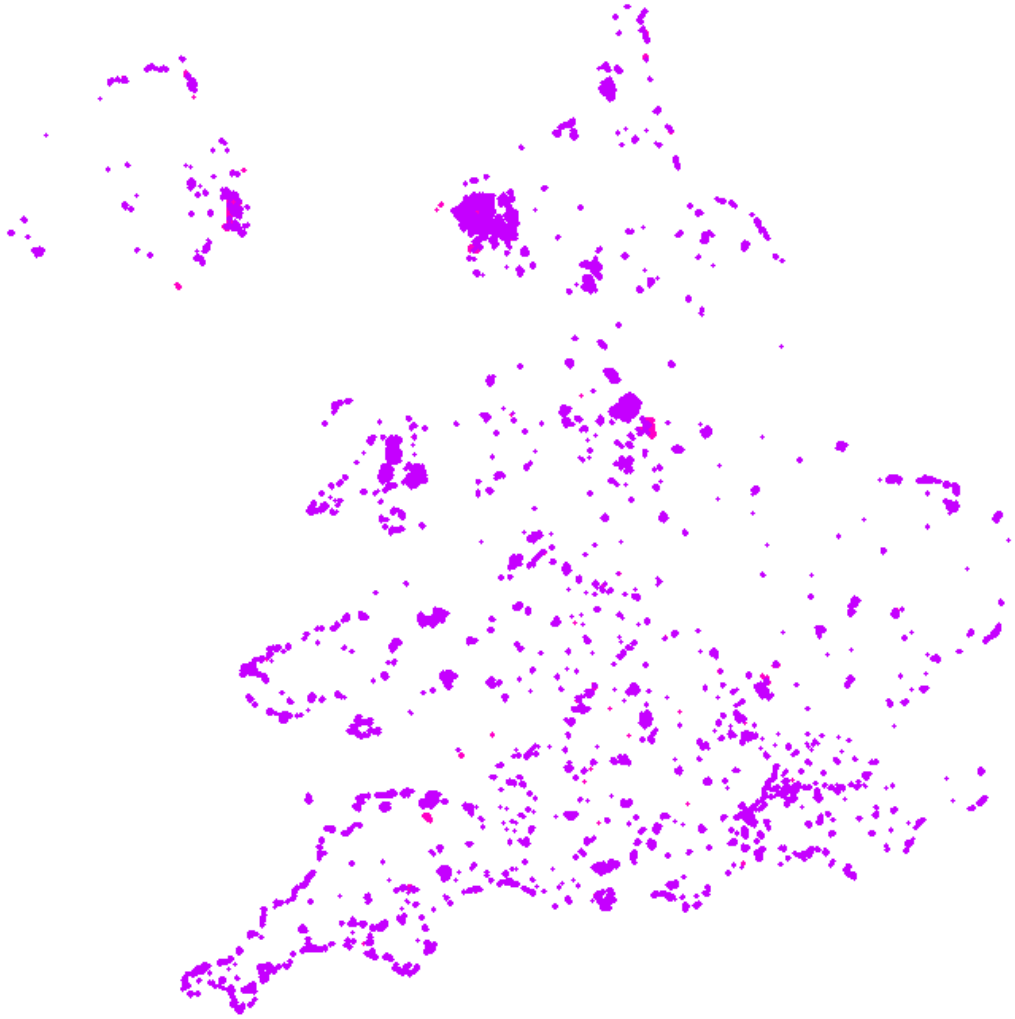
100,000 hectares of Priority Habitat

Public Access

- Broad public access to our places are provided through a network of approximately 20,000 km of paths
- Walking is the most popular activity at NT places with more than 300 million visits every year

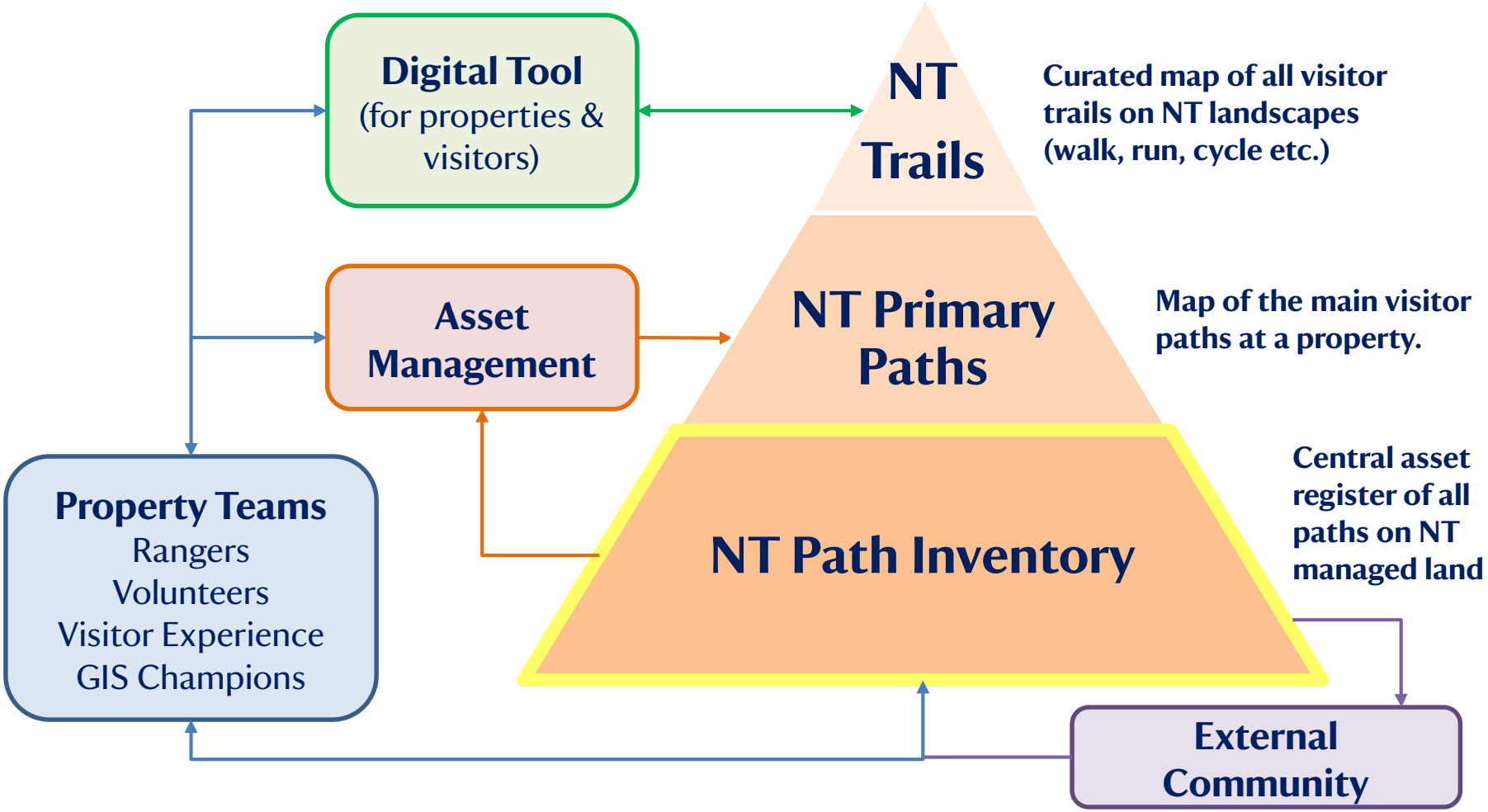
What's the problems we're trying to solve?

- Quantity
- Quality
- Connectivity



Open Paths

National Trust



NT Paths: Project Components

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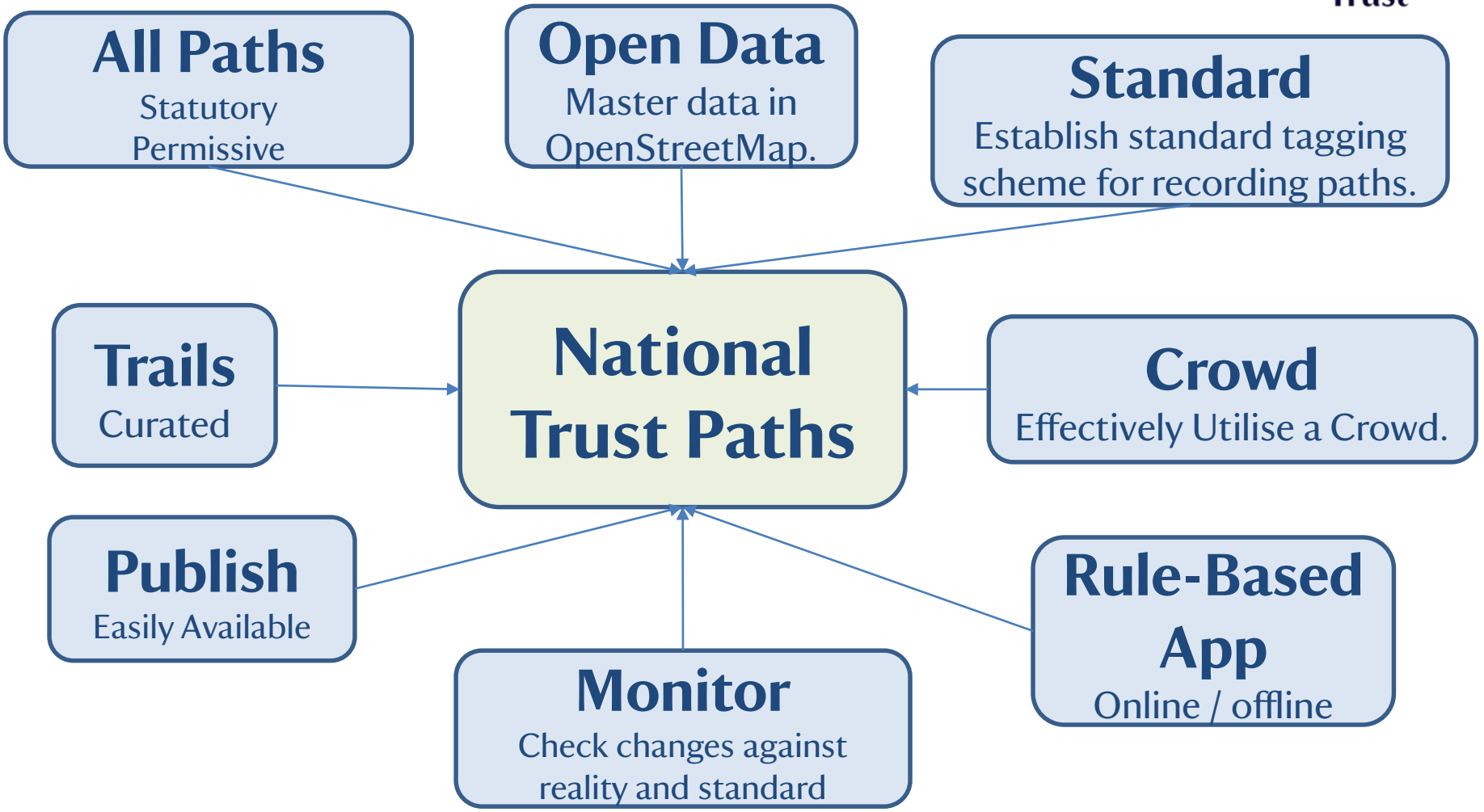

Phase 1 – Establish a Path Inventory; Underway

National Trust

Agree a Path Tagging Standard

- GB appropriate – International reach
- Work with OSMUK

Capture all National Trust Paths into OpenStreetMap.

- Capture geometry
- Consistently tag access entitlement

Monitor

- Proactively monitor change
- Code to be made open

Proposal Phase 2

National Trust

From Paths to Trails

- Curated Trails: Access, Grading, POI, Facilities
- Link to ODI OpenActive

Extending Attributes.

- Current Condition / Status
- Crowd Source?

Wider Adoption.

- Other large landowners
- Interest groups

Proposal Phase 3

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- Get all National Trust trails in OpenActive format.
  - Innovative ways of presenting digital Trail data.

Tagging Schema

Full schema: https://wiki.openstreetmap.org/wiki/Organised_Editing/Activities/National_Trust_Paths

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Physical Property:

- Description of the way (e.g. footpath, track, service road etc.)

Designation:

- **Public Right of Way:** way which the public have a legal right to pass.
- **Permissive Access**: not a right of way, landowner has granted permission for the route to be used by the public.

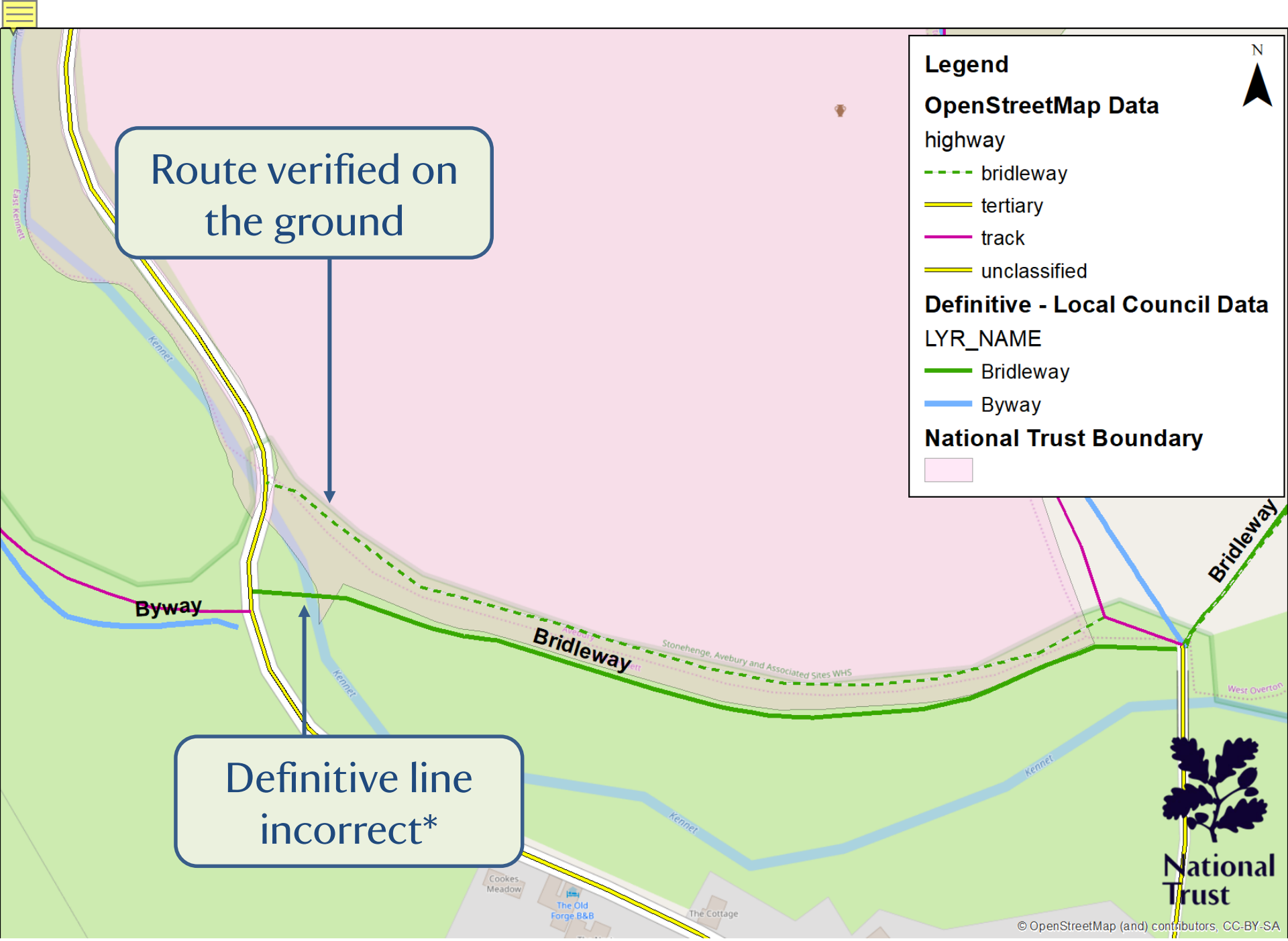
Access:

- **Foot, horse, bicycle, vehicle (non-motorised) & motor vehicle.**
  - Legal, Permissive, Pay-for-entry only (customer), Private, No Access

Optional descriptive tags:

- Surface, tracktype, name, wheelchair, bridge, ford etc.

Case Studies


Route verified on the ground
Definitive line incorrect*
Byway
Bridleway
Bridleway
Legend
OpenStreetMap Data
highway
bridleway
tertiary
track
unclassified
Definitive - Local Council Data
LYR_NAME
Bridleway
Byway
National Trust Boundary
N
Stonehenge, Avebury and Associated Sites WHS
East Kennett
Kennet
West Overton
Cookes Meadow
The Old Forge B&B
The Cottage
National Trust
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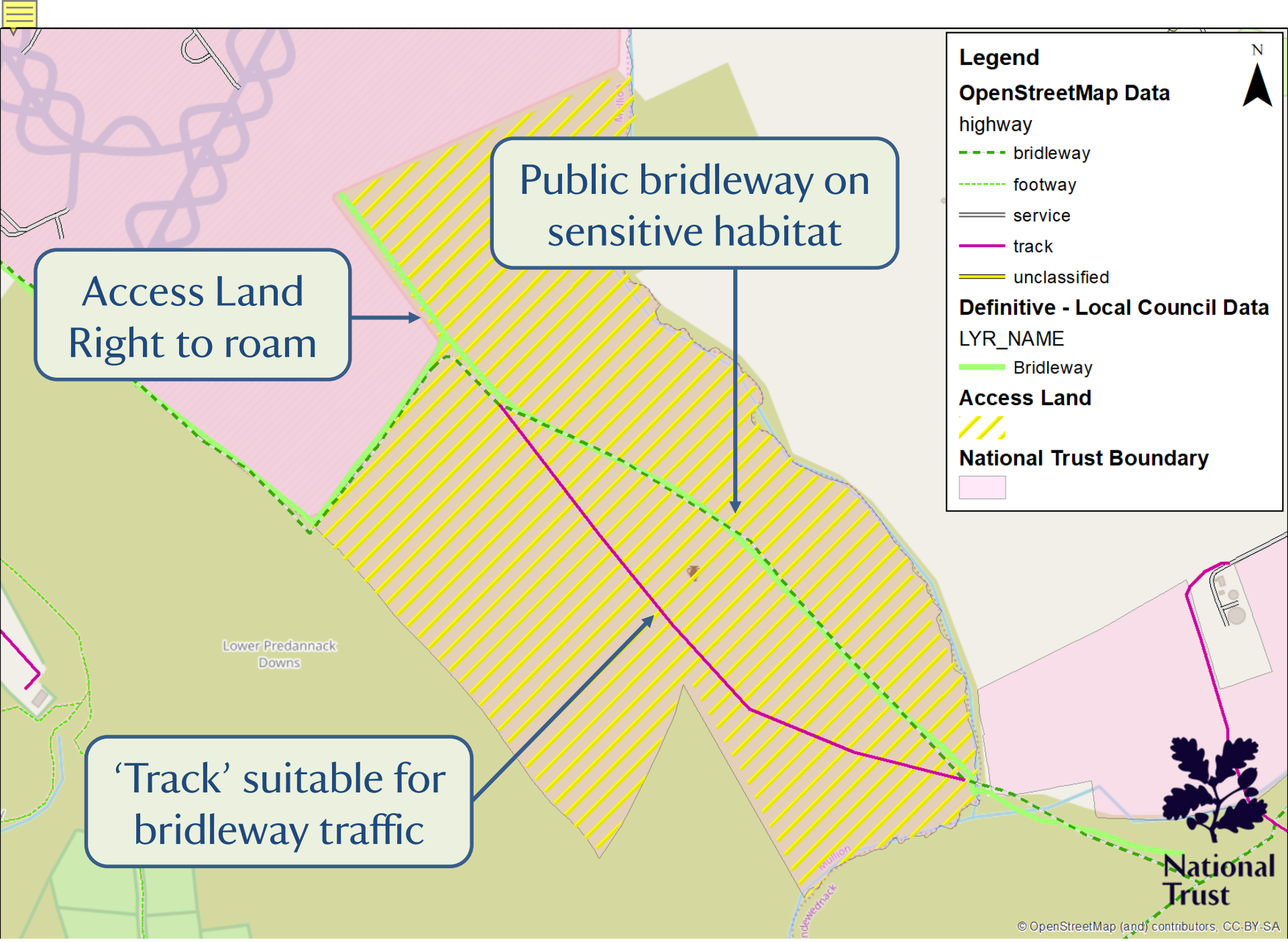
Public bridleway on sensitive habitat
Access Land Right to roam
'Track' suitable for bridleway traffic
Lower Predannack Downs
Legend
N
OpenStreetMap Data
highway
bridleway
footway
service
track
unclassified
Definitive - Local Council Data
LYR_NAME
Bridleway
Access Land
National Trust Boundary
National Trust
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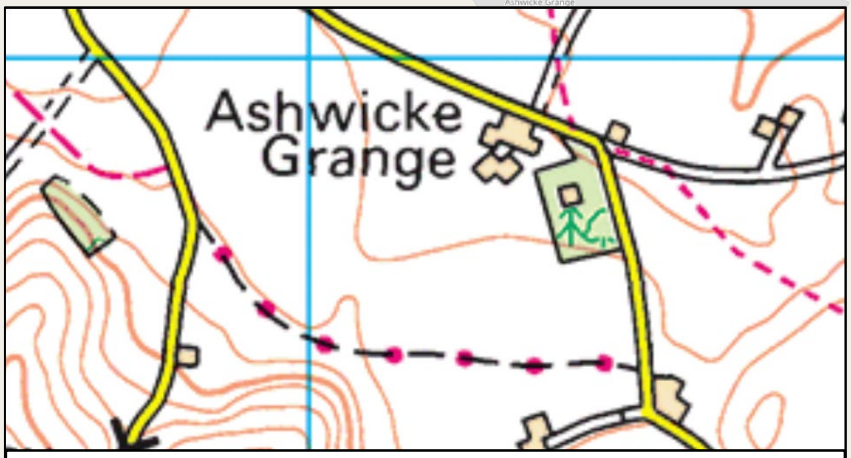

OS 1:50K – 'Minor Road'

Legend

OpenStreetMap Data

highway

- bridleway
- footway
- service
- track
- unclassified

N

Tags

bicycle	designated
foot	designated
highway	track
horse	designated
motor_vehicle	designated

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51.4441, -2.3209

51.4414, -2.3093

Car (OSRM)

Go

Reverse Directions

Directions

Distance: 937m. Time: 0:05.

1. Start on **Ayford Lane** 40m
2. Slight left onto unnamed road 900m
3. Turn right onto **Ashwicke Road**
4. Reach destination

Implications and Challenges

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Crowd Editing

Utilising a crowd (NT/OSM) to edit paths.

Routing

Impact of tagging on routing algorithms.

Licensing

Can other organisations make use of the data?

Monitoring

Ensuring consistency against a standard.

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wiki page: https://wiki.openstreetmap.org/wiki/Organised_Editing/Activities/National_Trust_Paths