



National Trust | Paths

About the National Trust



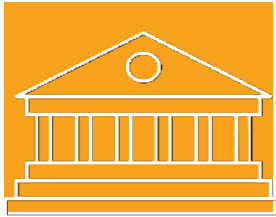
....for the purposes of promoting the permanent preservation **for the benefit of the nation** of lands and tenements (including buildings) of beauty or historic interest...
and as regards lands for the preservation (so far as practicable) of their natural aspect, features and animal and plant life.

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

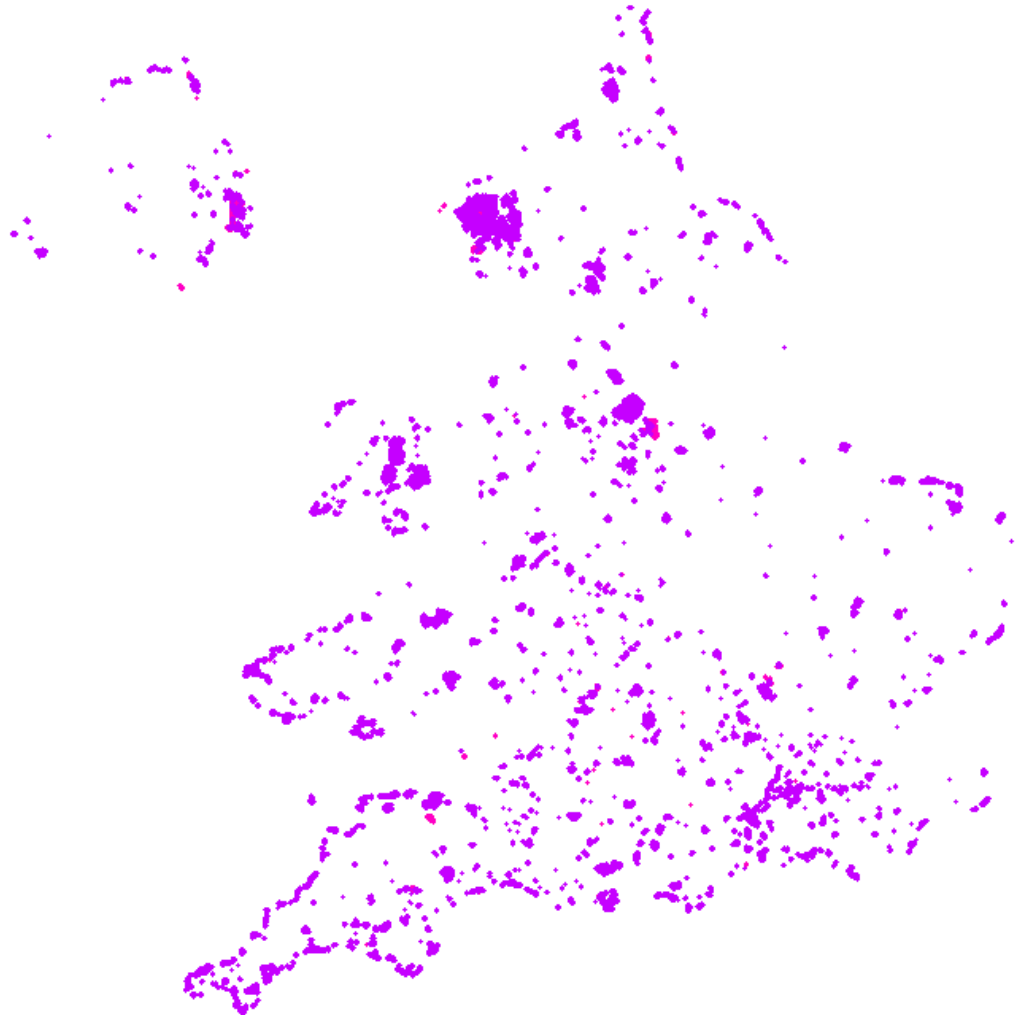
hectares of
Priority Habitat

Public Access

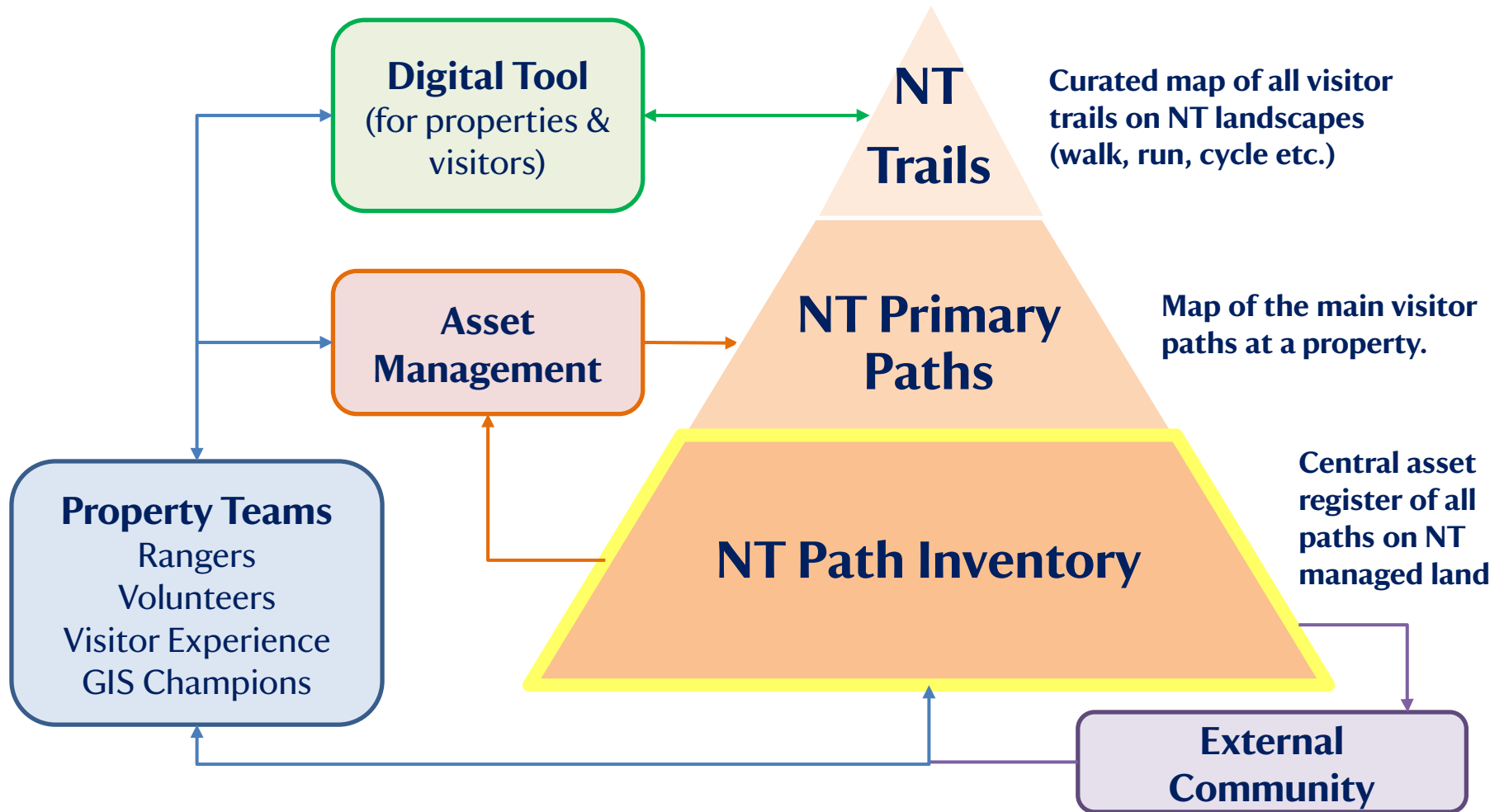
- Broad public access to our places are provided through a network of approximately 20,000 km of paths
- Walking is the most popular activity at NT places with more than 300 million visits every year

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

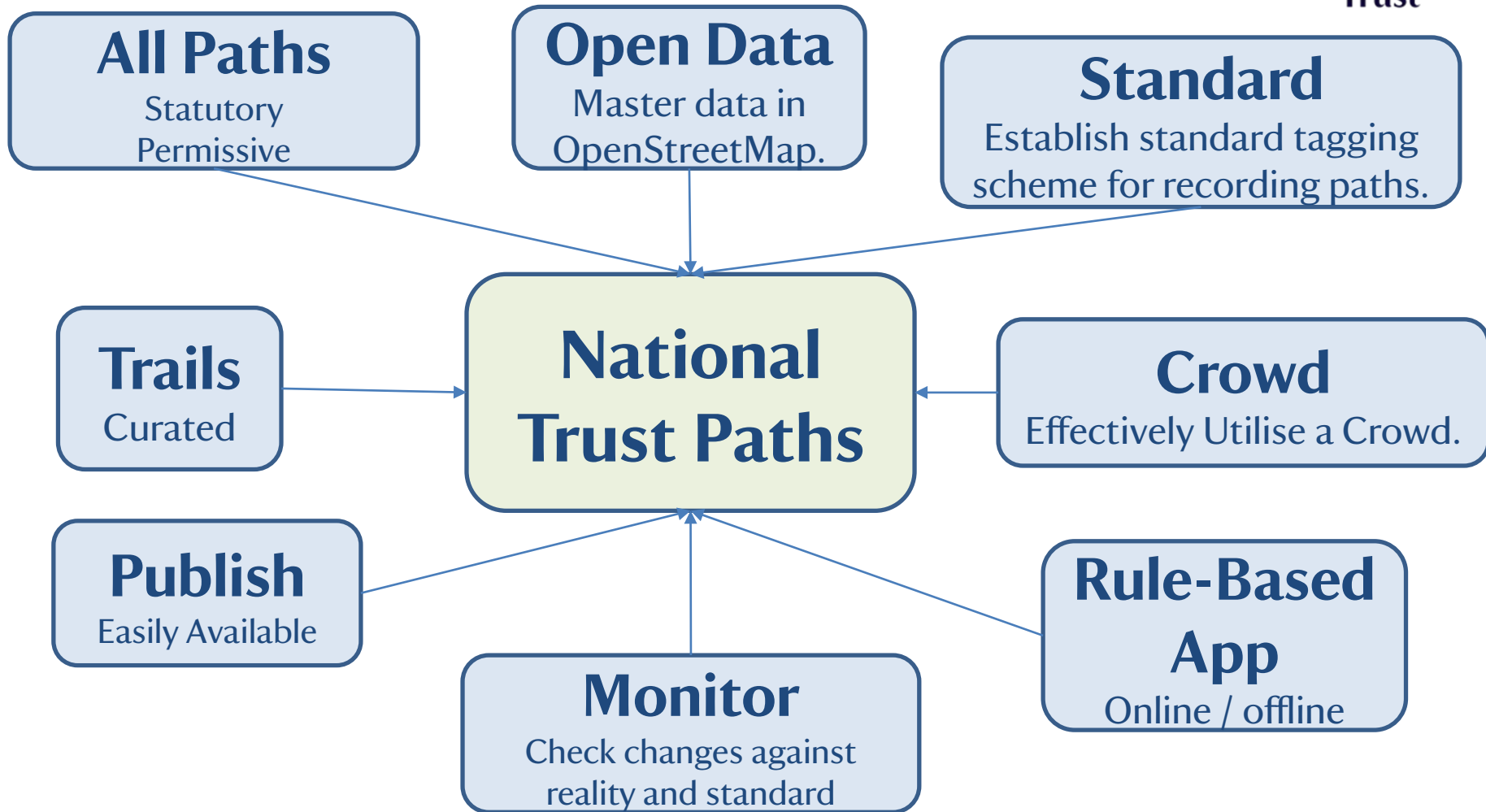
- Quantity
- Quality
- Connectivity



Open Paths



NT Paths: Project Components



Phase 1 – Establish a Path Inventory; Underway



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

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



- 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



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:

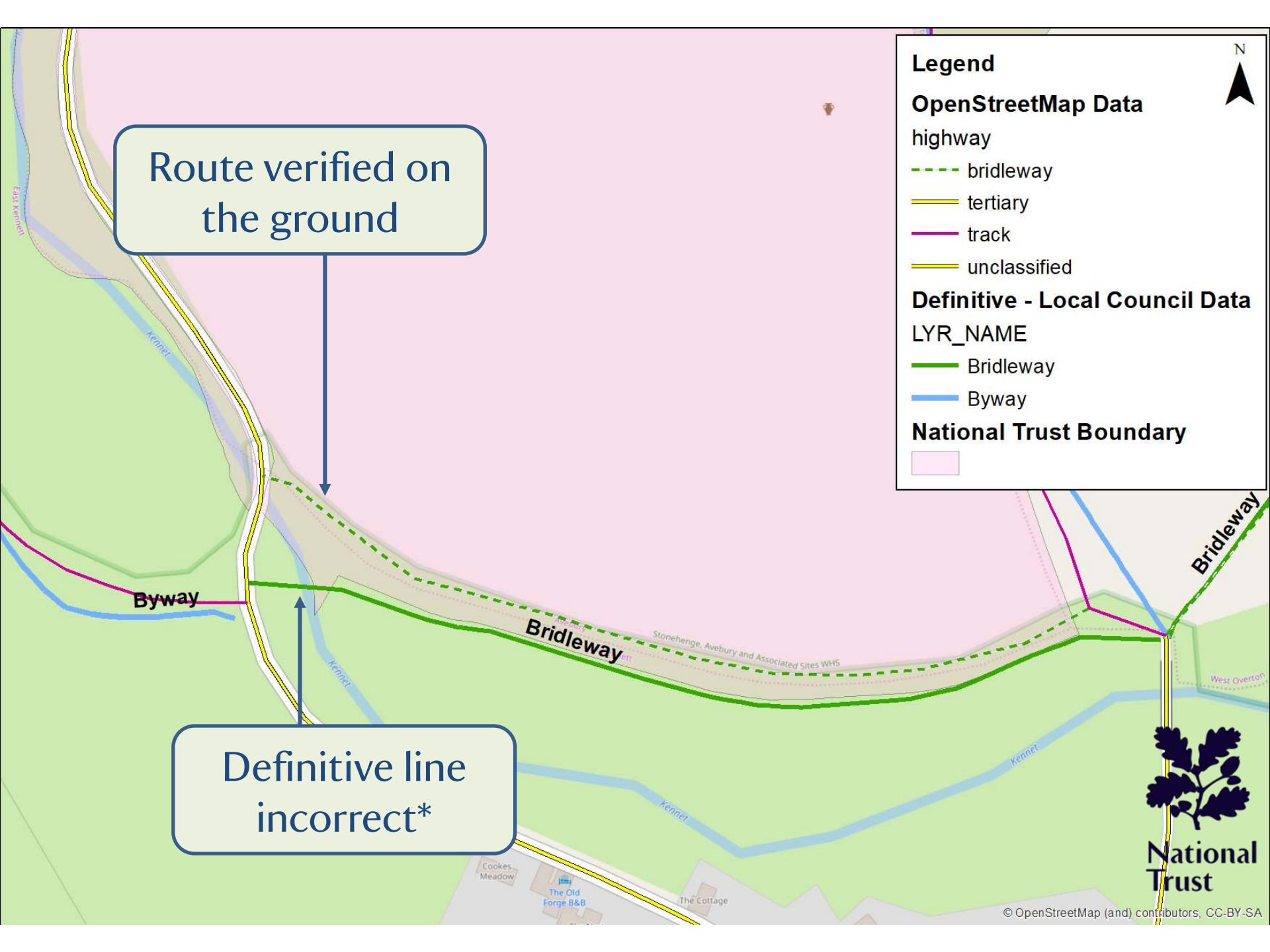
- **Foot, horse, bicycle, vehicle (non-motorised) & motor vehicle.**
 - Legal, Permissive, Pay-for-entry only (customer), Private, No Access

Optional descriptive tags:

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



Case Studies



Legend

OpenStreetMap Data

- highway
- bridleway
- tertiary
- track
- unclassified

Definitive - Local Council Data

LYR_NAME

- Bridleway
- Byway

National Trust Boundary



Route verified on
the ground

Definitive line
incorrect*

Bridleway

Byway

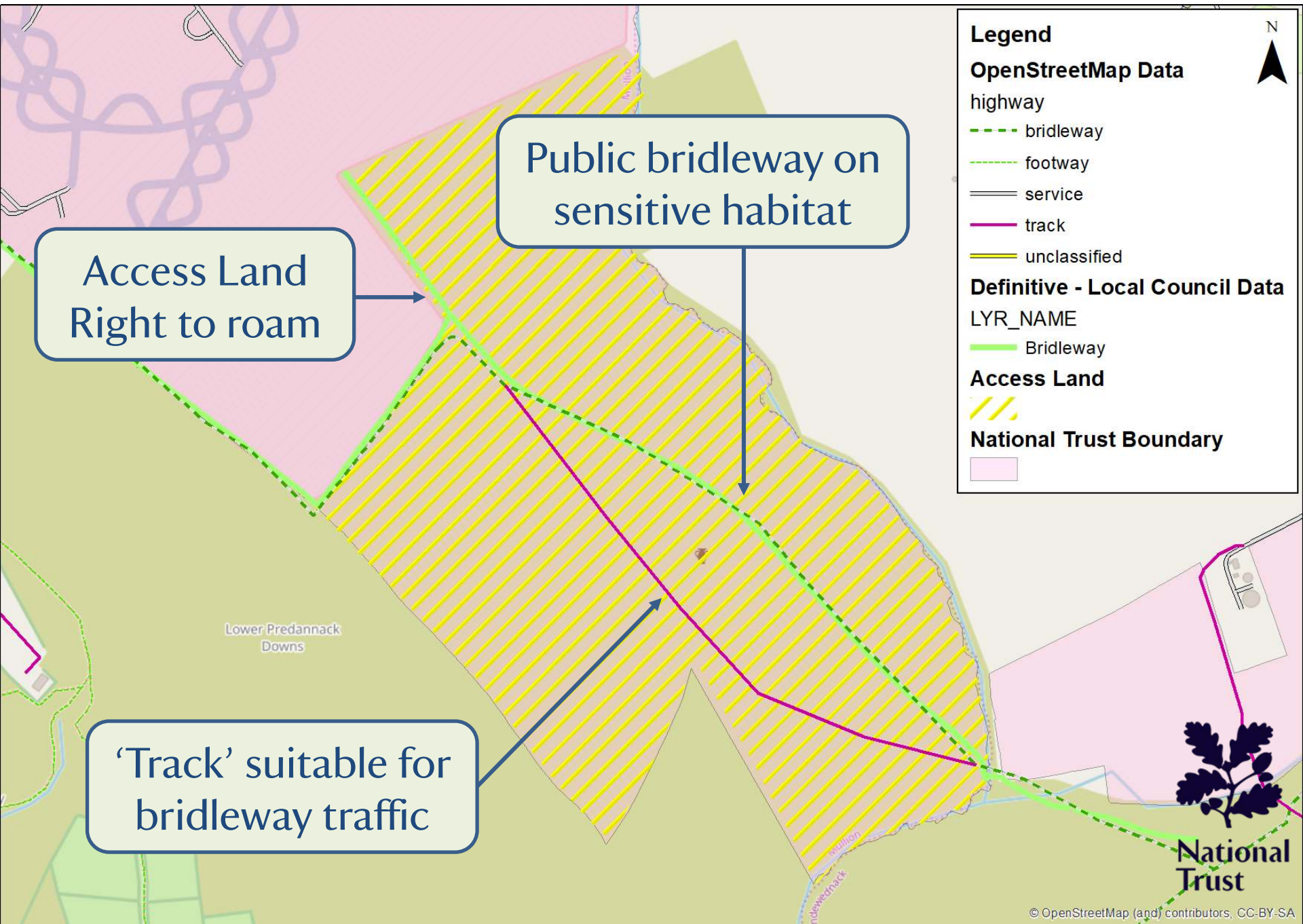
Bridleway

Stonehenge, Avebury and Associated Sites WHS

West Overton



National
Trust



Legend

OpenStreetMap Data

- highway
- bridleway
- footway
- ===== service
- ===== track
- ===== unclassified

Definitive - Local Council Data

LYR_NAME

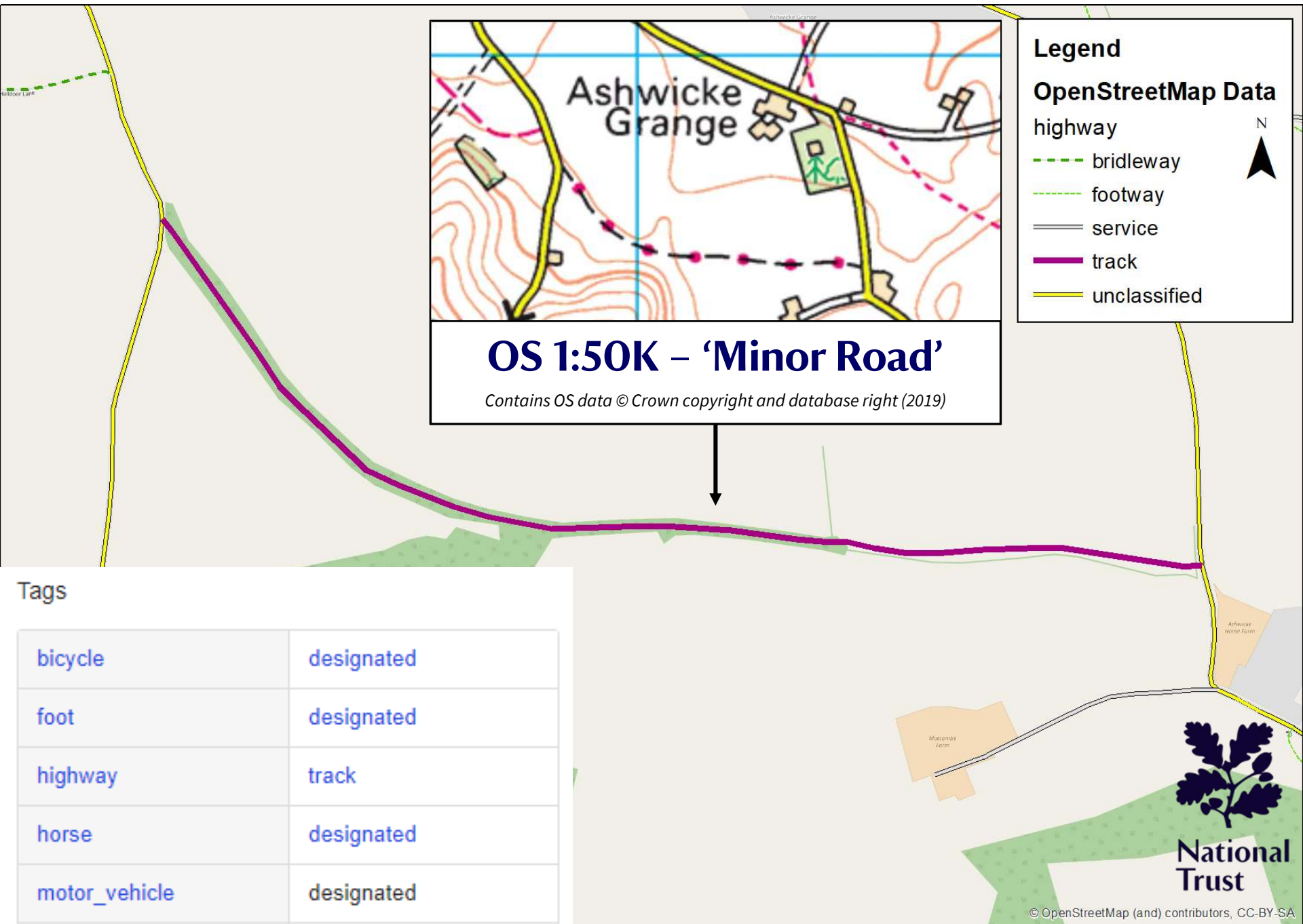
- Bridleway

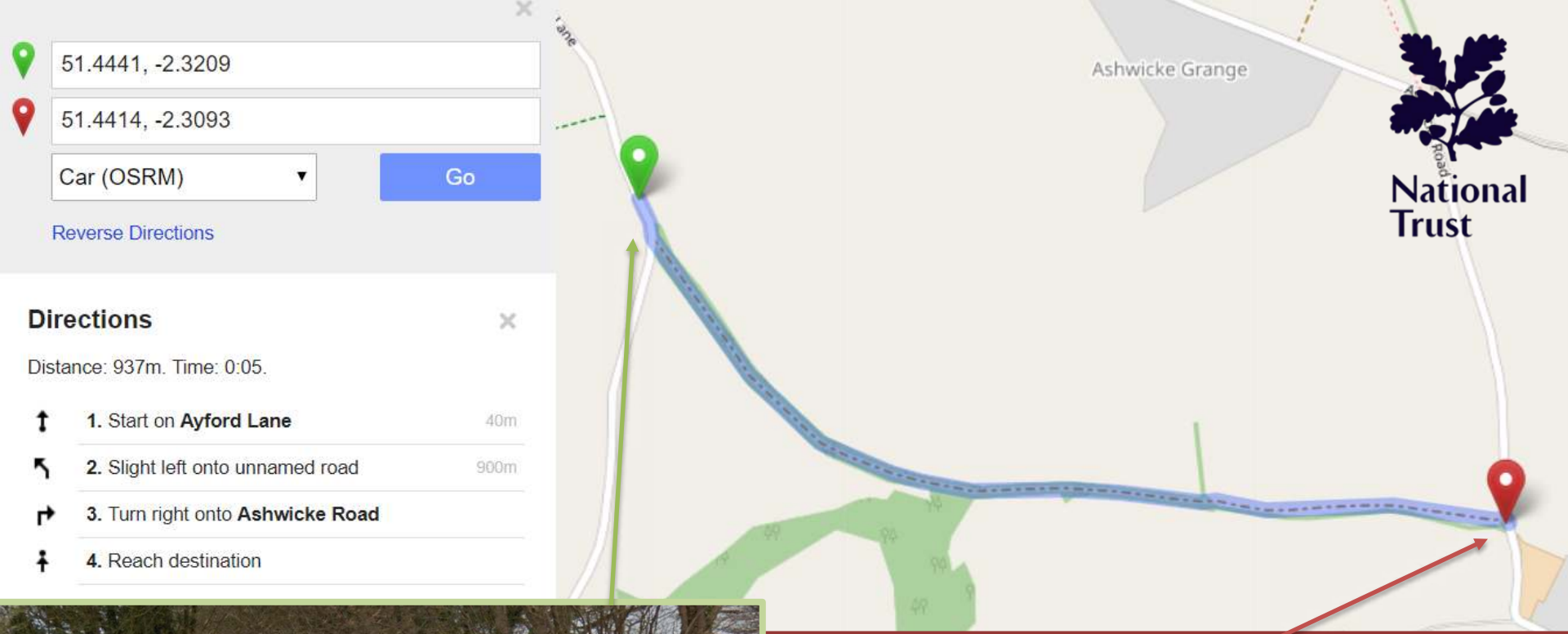
Access Land

- =====

National Trust Boundary

- =====





Implications and Challenges

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.



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