



# Navigating the NBN Atlas Scotland

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# The Trust

- Has 41,000 members.
- Manages 120 reserves:
  - covering almost 20,000ha
  - managed by 15 full time staff.
- Has 20, very engaged, planning volunteers.
- Manages 217,325 records on the NBN Atlas Scotland
  - all on Creative Commons with attribution (CC-BY) licences.
- Knowledge and Evidence team has limited resources!



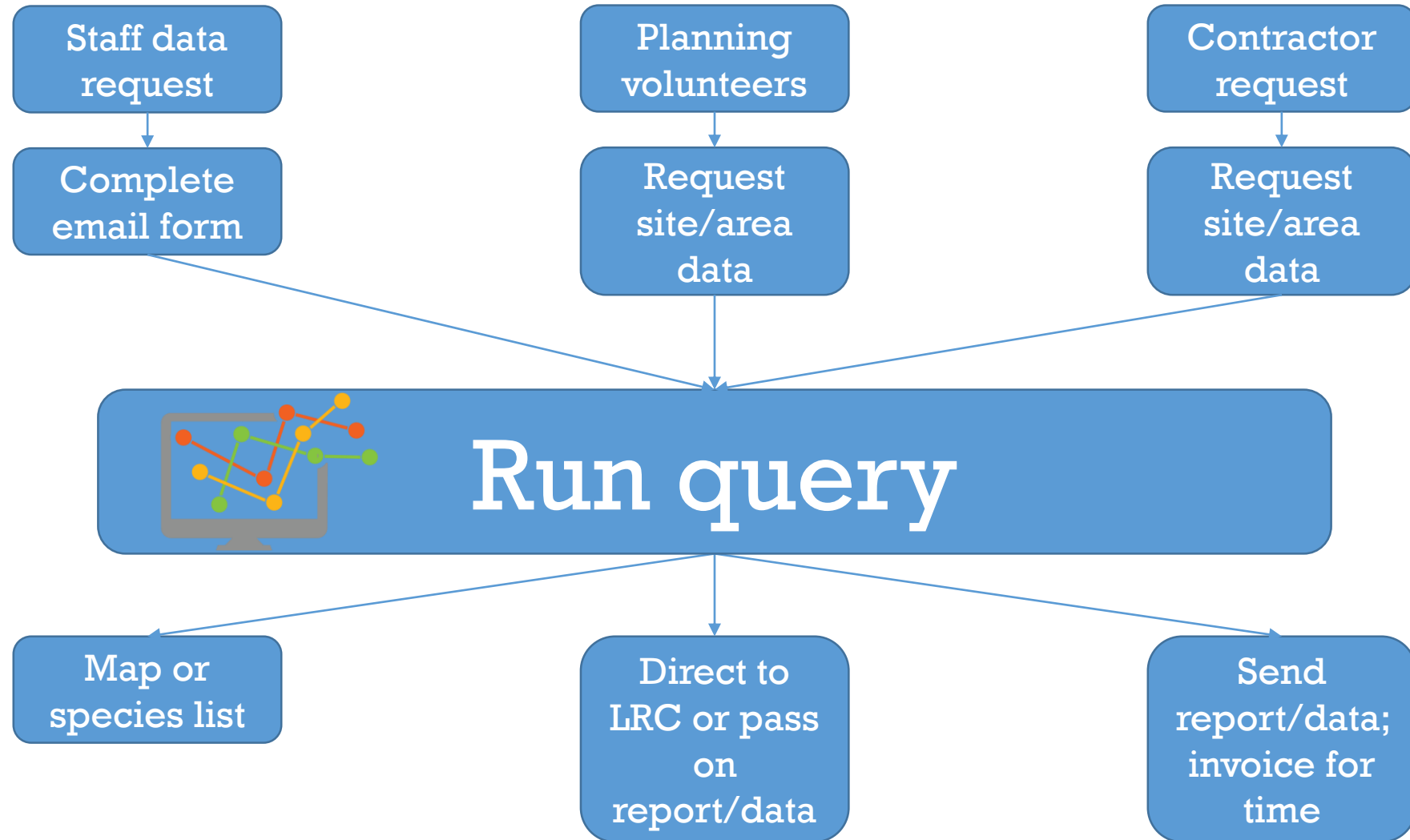
# Impact of the NBN Atlas

- What opportunities does it create?
- How will it improve things?
- What tools are we planning to use that could help you?

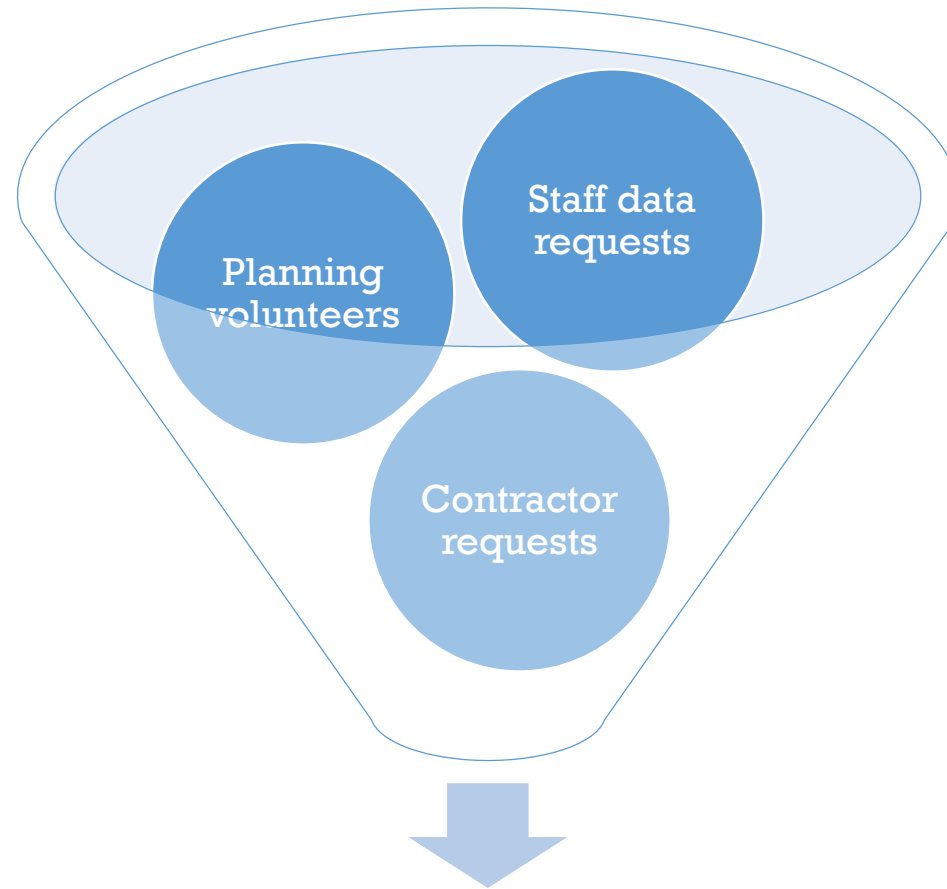




# Existing data flow



# NBN Atlas data flow



**NBN Atlas Scotland**

## 1. Ants: *Formica Exsecta* Records (Scotland)

Major head ant dataset provided by Scottish Wildlife Trust the Royal Society for Protection of Birds and S



## Protecting Scotland's wildlife for the future

Scottish Wildlife Trust

Working towards a network of healthy, resilient ecosystems supporting expanding communities of native species across Scotland.



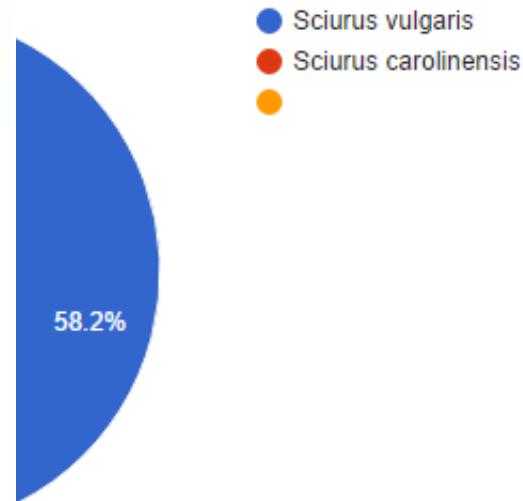
This dataset comprises species recorded on Scottish Wildlife Trust reserves through surveys or monitoring by Trust volunteers. Records in this dataset have undergone a level of verification, either using the rules provided by the NBN Record Cleaner, or other experts, such as Vice County Recorders.

## 9. The Scottish Squirrel Database

Recent and historical records of red and grey squirrels submitted to the Scottish Squirrel Database, an ongoing project throughout Scotland currently administered by the Scottish Wildlife Trust...

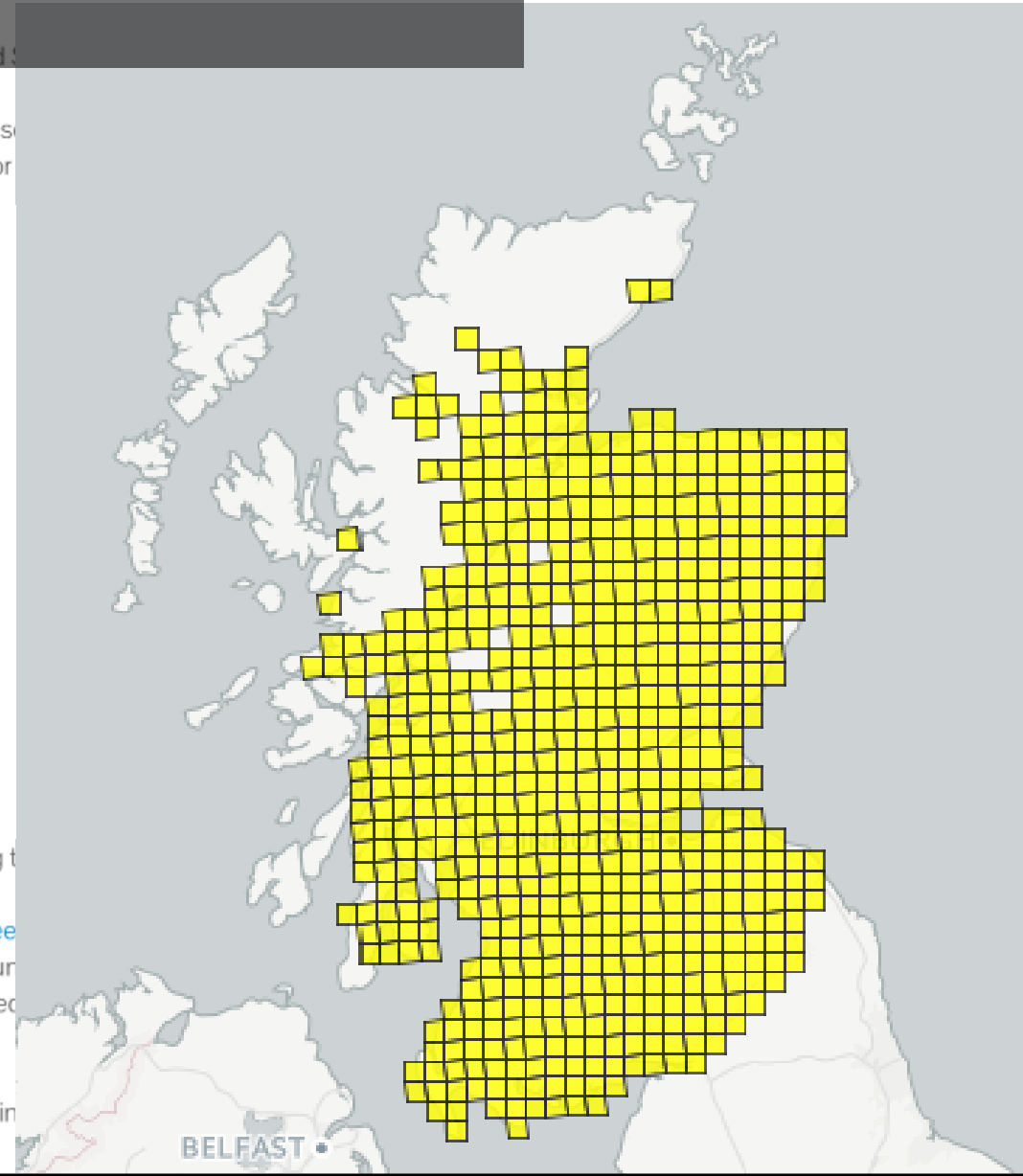
### 1 data

Public to Scottish Wildlife Trust for Trust res  
NBN Record Cleaner as verification rules for



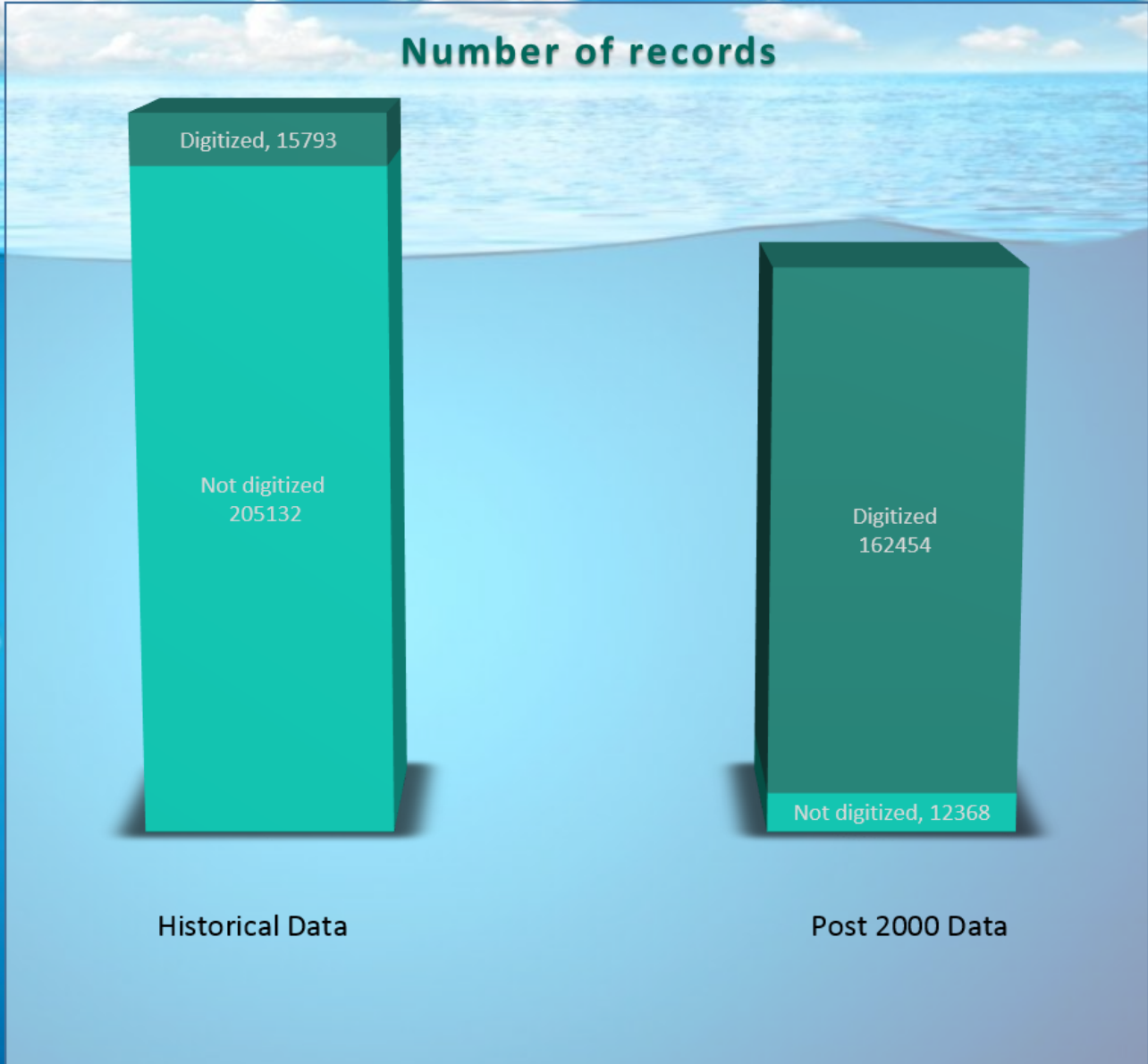
at the time of upload cannot be verified using t

es from reserve convenors and Trust volunteer





# Our Data





# Our data web presence before...

## BIODIVERSITY DATA

The Scottish Wildlife Trust collects a huge amount of data for its sightings, habitat surveys, site designations and much more. You can find statistics for the Trust's reserves in our [Facts and figures report](#).

### What we use biodiversity data for

Species and habitat data are used to help make management decisions on any rare, protected or invasive species. The Trust commissions site visits on a regular basis, but also collects single species observations.

To make this valuable data more accessible and make better use of it, we entered into a database, Recorder 6 (the national standard recorder). Data quality is ongoing and the Trust will follow the [National Biodiversity Data Access Policy](#) on this.

The Scottish Wildlife Trust's species data is shared with the NBN Gateway. Biodiversity data from a range of data providers can be explored on the NBN Gateway. This means that as well as being available to the public, data can be used to help verify records. For further information please see our [Biodiversity Data Access Policy](#).

To view the available species data for Scottish Wildlife Trust reserves, please [browse the sites on the NBN Gateway](#). All data is included. Further information on using the NBN Gateway can be found on the [NBN Gateway](#).

### Related pages

- [Record a sighting](#)
- [Data requests and GIS downloads](#)

### Resources

- [Biodiversity data access policy](#)

## DATA REQUESTS AND GIS DOWNLOAD SUBMIT YOUR SIGHTINGS

### Biodiversity data access

The Scottish Wildlife Trust believes in open access to data unless there is a good reason to restrict it. Full details of all the Trust's species data is made available to both decision-makers and the public on the [National Biodiversity Network \(NBN\) Gateway](#), with the exception of records for species listed as sensitive by Scottish Natural Heritage (SNH), where access is restricted.

These species, such as raptors, badgers and otters, are at risk from public disturbance and their data will only be passed on to approved persons. Species data will also be available to Local Records Centres (LRCs) where they exist for full collation into their systems. For further information, please see our [Biodiversity Data Access Policy](#).

### Data requests

#### Species data

For species data requests, please contact the relevant Local Records Centre (LRC). For a list of active LRCs, please visit the [Biological Recording in Scotland \(BRISC\) website](#).

If your area of interest is not covered by an LRC, please access Scottish Wildlife Trust's species data on the [NBN Gateway](#), ensuring your intended use of the data complies with their Terms and Conditions. If you require greater access to our data than that currently available to you, please use the facility on the NBN Gateway to apply for enhanced access. Requests will be assessed on a case-by-case basis and permission granted to approved persons. Automatic "approved" persons will include SNH area officers, local authority ecologists, police wildlife liaison officers and officers of relevant recording groups, and named consultants. For further information on the decision making process, please see our [Biodiversity Data Access Policy](#).

#### Site data

The Scottish Wildlife Trust holds data on Wildlife Sites (non-designated sites of importance for wildlife) and our own reserves. Local Records Centres (LRCs) act as custodians for wildlife

We would like to hear about your sightings of wildlife on or around Scottish Wildlife Trust reserves. This will help us to gain a better understanding of the species and habitats that are present, build a picture of how reserves are changing through time and plan for the future.

You can help by noting down any sightings of unusual, protected, or local interest species; or by listing all the species you see when visiting a reserve. Even records of common species can be useful. If you want to get more involved, you can be put in touch with your local Reserve Manager about regular species or habitat monitoring on a site. [Contact us](#) for further information.

### Reserve records

For your sightings to be easily incorporated into our records database, please [download the Trust's recording template](#) and use it to send your reserve records in to the appropriate Reserve Manager electronically. If you do not have a Reserve Manager contact, please email your records to [enquiries@swt.org.uk](mailto:enquiries@swt.org.uk) who will ensure they are passed to the relevant person(s). To help ensure that your records are saved in the correct format and for further information, please [download the Biodiversity recording on reserves guidelines](#).

### Spotters' board

If you are new to wildlife recording, or are recording outwith Scottish Wildlife Trust reserves, you may wish to [try iSpot](#), which lets you engage with a wide community of recorders across the UK. As well as sharing your wildlife photos, you can get help in identifying what you've seen and join discussions. If you are an experienced recorder, you can help others by adding identifications to existing observations.

### Recording squirrels

If you see either red or grey squirrels on your travels in Scotland, we want to know about it! Please [submit your sightings on our online recording page](#).



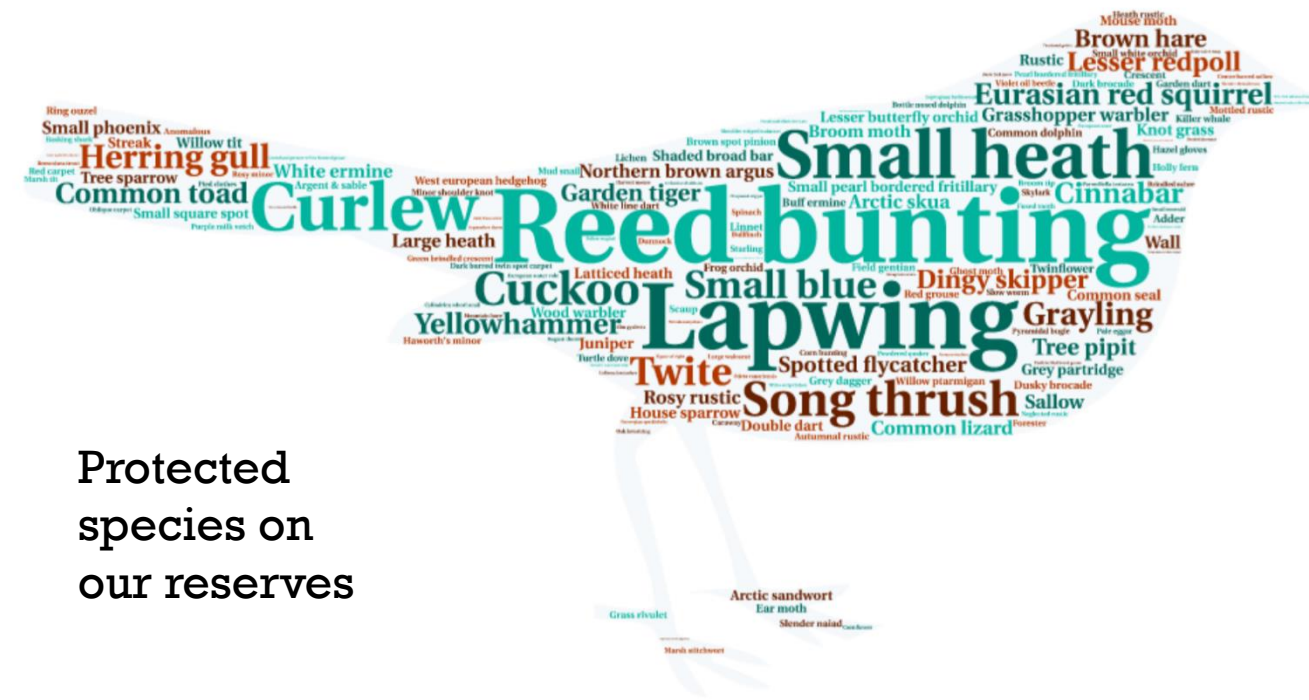
# ...and after

## OUR DATA

# FACTS AND FIGURES

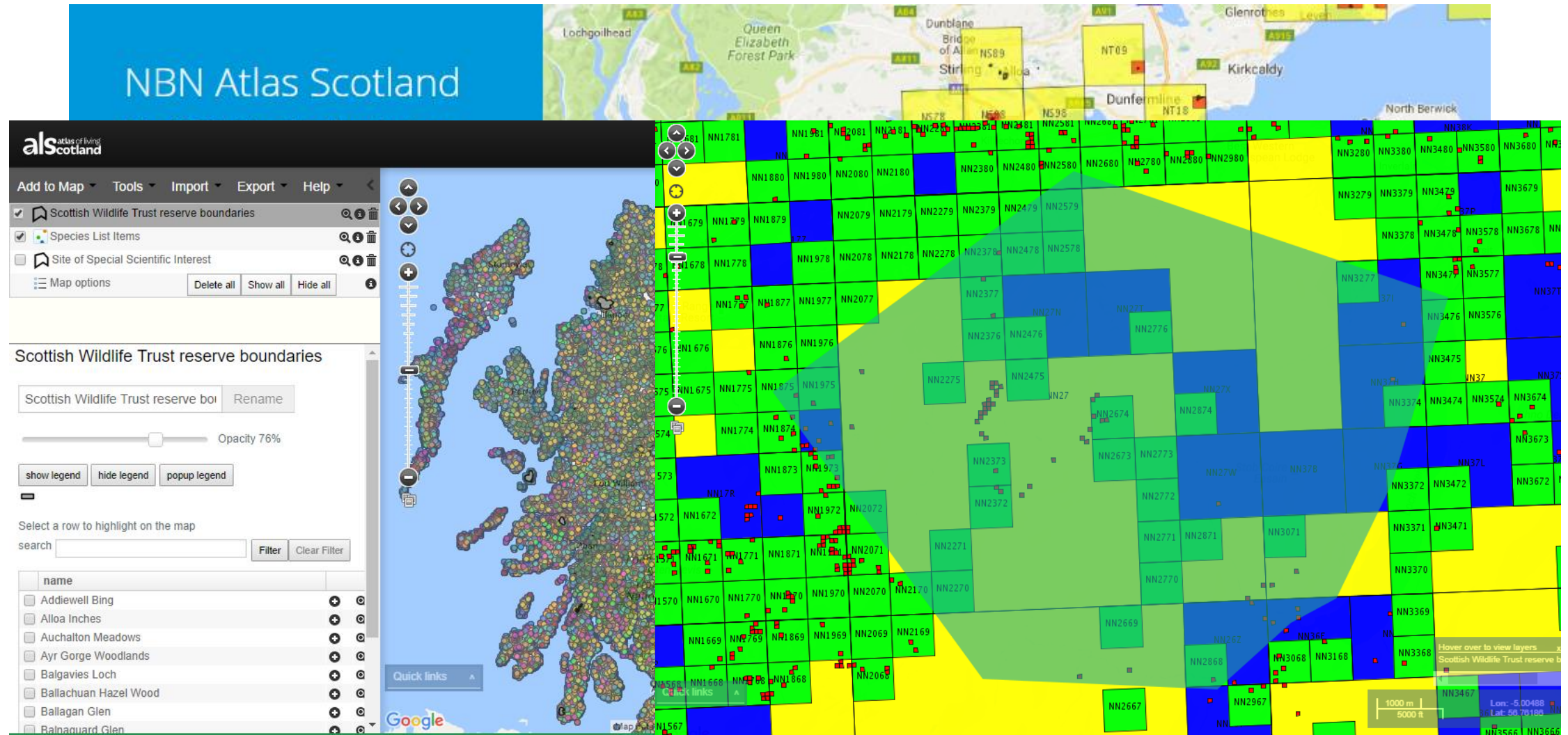
# GET RECORDING

## DIY data collection!





# Tools for our audiences





# Collecting casual records

- No capacity for managing casual records.
- You can record red or grey squirrel sightings on our website - for a funded project:

## Useful sites

Here are a few useful sites that provide fantastic identification, recording and analysis tools to help you with collecting data.

**als** atlas of living  
scotland

The [Atlas of Living Scotland](#) provides a platform for the collection, aggregation, analysis and use of biological data in Scotland.

**iSpot**

The [iSpot Nature](#) community helps you to identify your sightings and learn more about wildlife ID.

**iRecord**

[iRecord](#) makes it easier for wildlife sightings to be collated, checked by experts and made available to support research and decision-making.

# Empowering reserve staff

- Rahoy Hills reserve
- EUNIS habitat classification
- Protected species

## Quick links

- [View metadata for "Species List Items"](#)
- [Download all records for "Species List Items"](#)
- [Produce scatterplot for "Species List Items"](#)
- [Generate prediction for "Species List Items"](#)
- [Produce points to grid for "Species List Items"](#)
- [Produce GDM using species "Species List Items"](#)
- [Display facet of "Species List Items"](#)





- Visualisation tools
- Explore possibilities
- Information at your fingertips!

# **In Summary, the NBN Atlas will...**

- Promote our data and encourage others to share theirs
- Save us time as users go direct to the web
- Empower data users to interrogate data directly
- Encourage recorders to interact with and share their data
- Provide access to tailored tools to our members, through our website
- Reduce the need for organisational GIS or OS data licences
- Share the knowledge beyond the geeks!



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# Celebrate Scottish species, habitats, and recording in Scotland

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