


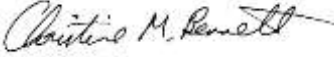
Liverpool City Region Ecological Network Interactive Mapping User Guide **FINAL**



6 May 2016

Document Control

Project	Liverpool City Region Ecological Network
Prepared for	Liverpool City Region districts and partners
File Reference	48/1/7

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Issue	Date	Status
A	17 March 2016	Internal Draft - MEAS
B	18 March 2016	Internal Draft - Task & Finish Group
C	6 May 2016	Final Version

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Introduction

1. This User Guide has been prepared to assist users accessing the Liverpool City Region Ecological Network mapping website. The interactive map can be accessed at:

<http://www.activenaturalist.org.uk/lcren/map/>
2. The web mapping site comprises a simple interactive GIS which allows users to view and interrogate the spatial elements of the Ecological Network in an interactive environment.
3. These spatial elements include the following GIS layers:
 1. Core Biodiversity Area (CBA) comprising Designated Sites, Priority Habitats and LCR Priority Habitats which are grouped by broad habitat type i.e. woodland, wetland, grassland etc;
 2. Linear Features such as hedgerows, rivers and canal;
 3. Stepping Stone Sites, in this case ponds; and
 4. The LCR Nature Improvement Area (NIA) which comprises 17 Focus Areas.
4. For more details of the origin of these layers read the *LCR Ecological Network Main Report* which is available at the Document Library:

<http://www.activenaturalist.org.uk/lcren/mdocuments-library>

Web browser requirements

5. The web mapping site has been developed to be compatible with latest versions of the following web browsers:
 - Internet Explorer;
 - Mozilla Firefox;













- Google Chrome;
- Microsoft Edge; and
- Safari.

6. If you are running an old version of any of these web browsers then we recommend that you upgrade to the latest version to ensure compatibility.

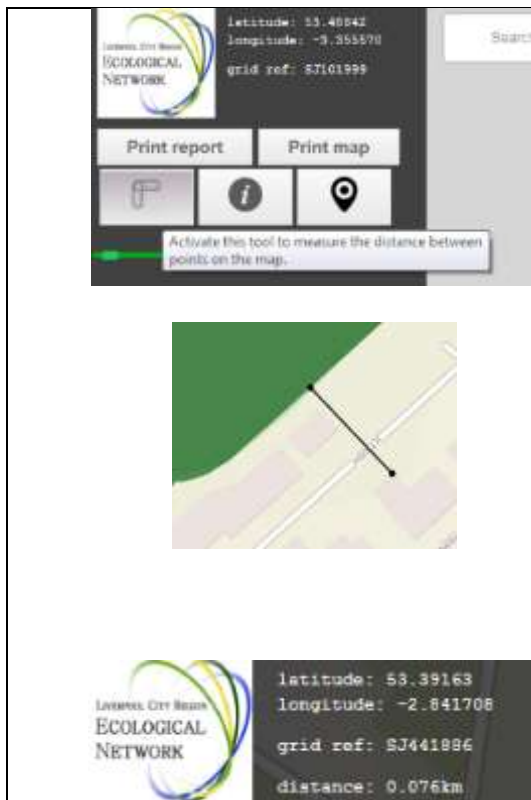
Overview

7. The web mapping site has been designed to be accessible, intuitive and simple to use therefore the map layout and tools should be familiar to most users of online maps.
8. However, to aid users who are less familiar with web mapping, a brief description of the site and its functions are provided below.
9. All tools are located on the left hand side of the map window for ease of access and to keep the map uncluttered.


Layer control and Legend

CBA - Designated sites		<p>The layer control allows users to turn on and off all the layers which comprise the LCR Ecological Network.</p> <p>The Core Biodiversity Area (CBA) is split into 7 layers according to broad habitat type and designation. Each of these has the prefix 'CBA -...'. Linear Features are show as 2 layers: region and line. The region layer includes canal which are mapped as areas (polygons) rather than lines. All other linear habitats such as hedgerows are mapped as line features.</p> <p>The Nature Improvement Area (NIA) includes hyperlinks to 'Focus Area' profiles which provide more detail about the NIA.</p> <p>Base mapping can also be controlled. The layer control allows you to switch between OpenStreetMap and Satellite imagery.</p>
CBA - Grassland		
CBA - Woodland		
CBA - Heathland		
CBA - Geological		
CBA - Wetland		
CBA - Coastal		
Stepping Stone Site		
Linear features (region)		
Linear features (line)		
Nature Improvement Area		
Satellite		

Measure distance



The measure distance tool (greyed out in the screenshot) allows distance from habitats and sites to be measured in km.


Click on the  button then navigate to your area of interest on the map. Next left click on your mouse at the point on the map you want to measure from then left click again at the point you want to measure to – see map screenshot example. To remove or amend the distance line, simply click on the line start and end points you wish to remove.

The tool bar on the left side of the map window gives you the distance measurement in km – in this case 0.076km.

Feature information



The feature information tool (greyed out in the screenshot) enables information to be displayed which is attached to a line or area on the map.

Simply click on the  button and navigate to your area of interest. Turn on the layer(s) you want to query and left click using your mouse on the point of interest. In the example, wetland and woodland are turned on. An information box will appear in the top right hand corner of the map displaying information about the habitat / site type and ecological status i.e. is there a Designated Site, Priority Habitat or both at a given location.

For example, at the location circled red, Priority Habitats include: Pond, Lowland Fen and Lowland Mixed Deciduous Woodland.



The field names shown in the feature information box are limited to 10 characters so have been abbreviated as follows:

CBA layers:

Abbreviation	In full
Broad_Hab	Interpreted Broad Habitat Type
CBA	Interpreted Core Biodiversity Area Type
Eco_Val	Interpreted Ecological Value
Prior_Hab	Interpreted Priority Habitat

Linear features layer:

Abbreviation	In full
Eco_Val	Interpreted Ecological Value
Linear_Fea	Interpreted Linear Feature Type
Prior_Hab	Interpreted Priority Habitat

Stepping Stone Site layer:

Abbreviation	In full
Broad_Hab	Interpreted Broad Habitat Type
Eco_Val	Interpreted Ecological Value
Prior_Hab	Interpreted Priority Habitat
SSS	Interpreted Stepping Stone Sites Type


Nature Improvement Area layer:

Abbreviation	In full
FA_Name	NIA Focus Area Name
FA_Profile	NIA Focus Area Profile
NIA_FA_ID	NIA Focus Area Identification Number

Point and buffer




The point and buffer tool (greyed out in the screenshot) enables users to generate a buffer radius from a point location.

Start by clicking on the  button then choosing a point location by clicking on the map.




Then using the the green slider tool below, drag the slider to create a custom buffer size of your choosing. This can be from 1-300m.



In the example, a 300m buffer has been created. To remove the buffer, click on the  button and then click anywhere on the map.

Feedback



In the bottom right hand corner of the map window is a feedback option. To provide feedback on the website and/or the data, simply click on  symbol. This will direct you to the feedback form on the LCR Ecological Network website which opens in a new page in your browser.



Feedback form

Your Name (required)

Your Email (required)

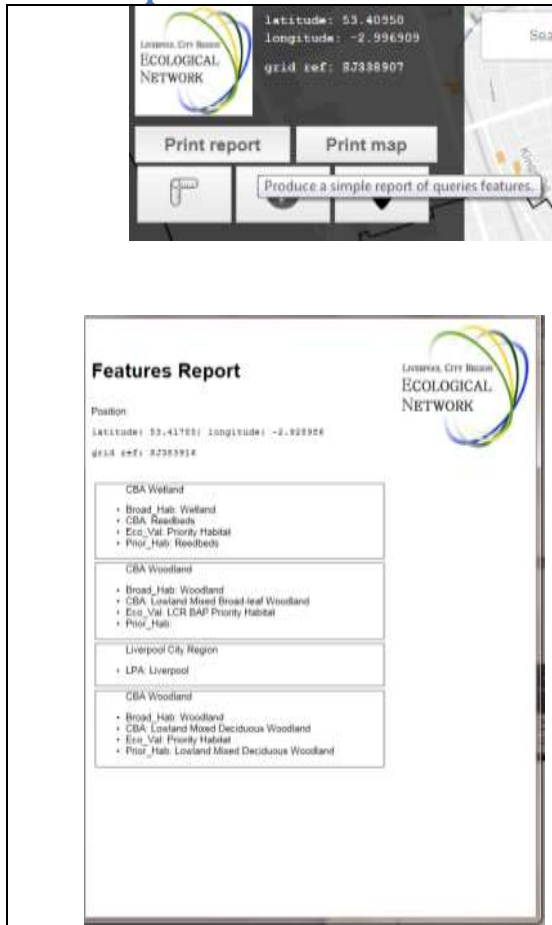
Subject

Your Message


Fill in your name, email and message and click the 'send' button.

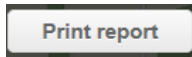
This inbox is monitored by MEAS.

Print report




The print report tool enables a user to print a simple report of feature information from a selected point location on the map.

To generate a report first of all the user must turn on the layers they wish to query and click on the location / site using the  button.

Then click on  button which will generate a 'Features Report' including the position of your site and feature information from the layers at that location. The print dialogue box will open automatically with your printer preferences.

Print map




Navigate to the site location / area you wish to print then click on the  button. A copyrighted map with legend and grid ref is generated. Right click anywhere on the map and select print.

Copyright




In the bottom right hand corner of the map window is a copyright symbol.

If you click on  symbol then sources of software, base mapping and data are show.

The *LCR Ecological Network Main Report Appendix 4: Mapping* provides

	<p>details of data sources and licensing. GIS Metadata is also available. See the Document Library: http://www.activenaturalist.org.uk/lcren/document-library/</p>
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Other navigational tools

	<p>Holding down the right mouse button allows you to rotate the map anti-clockwise / clockwise through 360°.</p>
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	<p>Click on the map and at the same time hold down the shift key. This allows you to draw a square on the map to zoom to.</p>
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