

# GROUNDMAPPER ADMINISTRATOR

Charles Thompson

*Consultant*

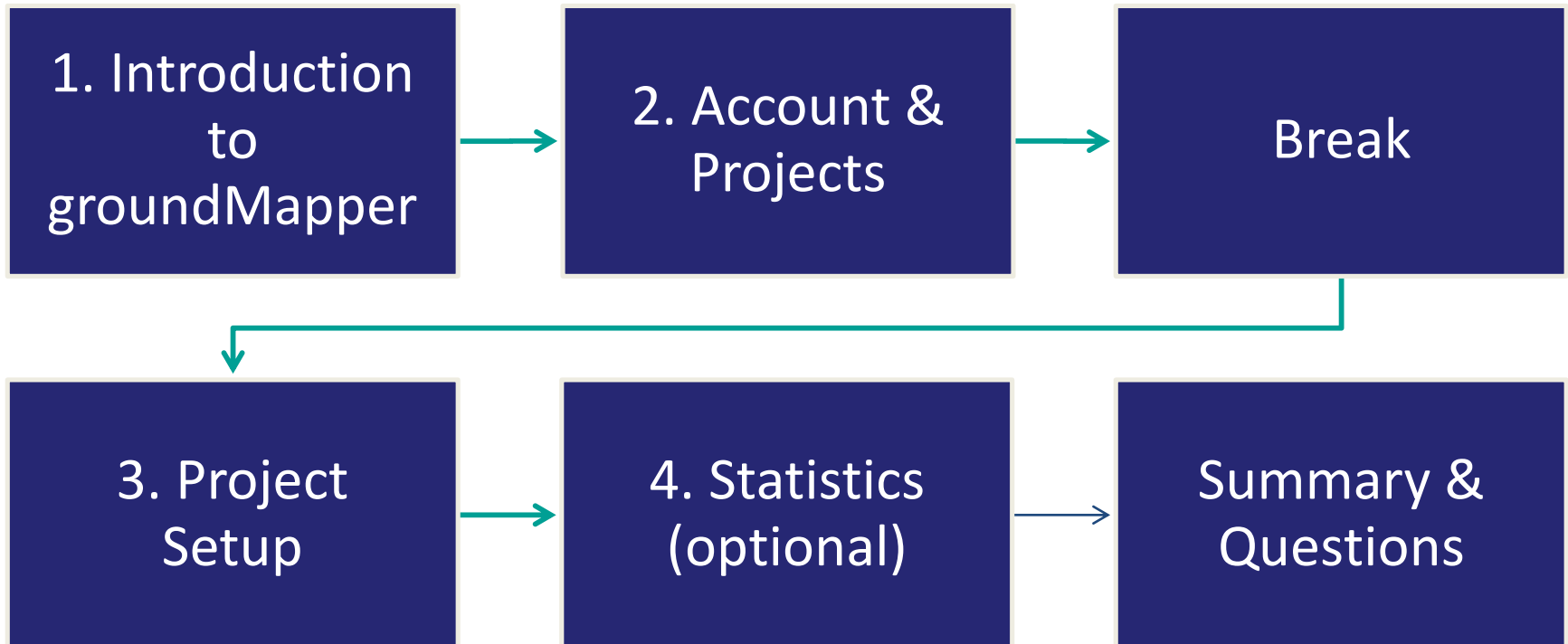
# THINKWHERE - WHO ARE WE?

- Based in Stirling, 18 staff
- Independent, leading provider of innovative GIS solutions
- Dynamic team of open source experts
- Delivering a wide range of open source GIS training courses.
- First class reputation for service quality and delivery

# WELCOME

- Fire Alarms
- Logistics of the Day
- Breaks
- Questions

# AGENDA



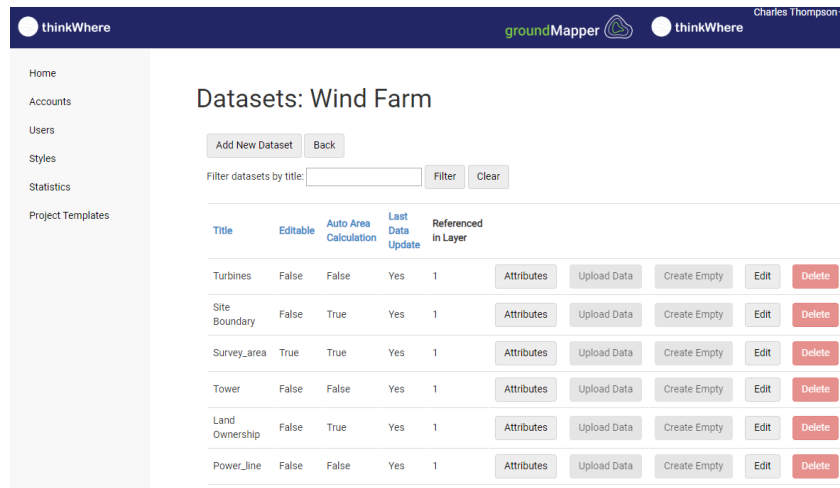
# MODULE 1 - INTRODUCTION TO GROUNDMAPPER

- What is groundMapper?
- Data
- Course Booklet
- Training Site
- Glossary



# MODULE 1 - INTRODUCTION TO GROUNDMAPPER

## Administration Site



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Home  
Accounts  
Users  
Styles  
Statistics  
Project Templates

### Datasets: Wind Farm

Add New Dataset Back

Filter datasets by title:  Filter Clear

Title	Editable	Auto Area Calculation	Last Data Update	Referenced in Layer					
Turbines	False	False	Yes	1	Attributes	Upload Data	Create Empty	Edit	Delete
Site Boundary	False	True	Yes	1	Attributes	Upload Data	Create Empty	Edit	Delete
Survey_area	True	True	Yes	1	Attributes	Upload Data	Create Empty	Edit	Delete
Tower	False	False	Yes	1	Attributes	Upload Data	Create Empty	Edit	Delete
Land Ownership	False	True	Yes	1	Attributes	Upload Data	Create Empty	Edit	Delete
Power_line	False	False	Yes	1	Attributes	Upload Data	Create Empty	Edit	Delete

[Admin-sruc.groundmapper.com](http://Admin-sruc.groundmapper.com)

## User-Client Site



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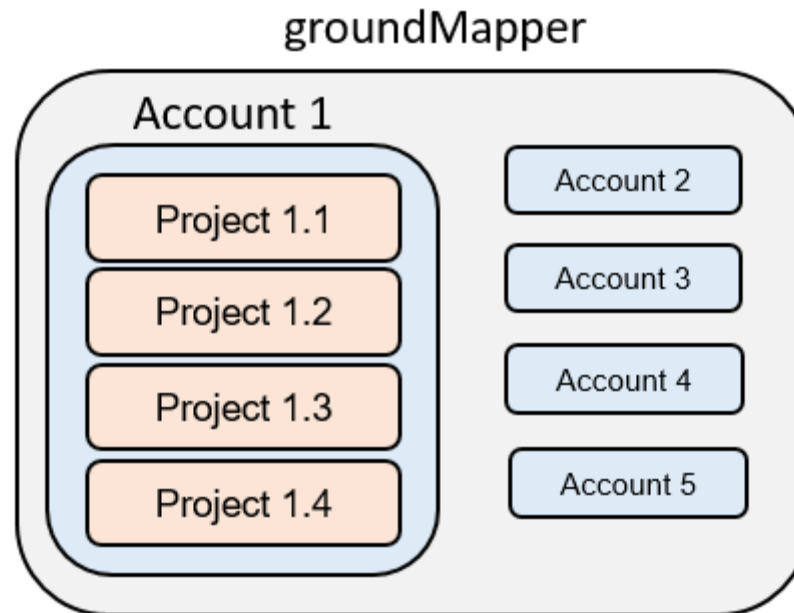
Forestry Commission  
Forestry Commission - National Forest Estate Legal Boundary GB  
Forestry Commission - National Forest Estate Ownership GB  
Forestry Commission - National Forest Estate Roads GB  
Forestry Commission - National Forest Estate Subcompartment GB  
Forestry Commission - National Forest Inventory Woodland GB 2016 IN  
Forestry Commission - Native Woodland Survey of Scotland  
Historic Environment Scotland  
Conservation Areas  
Historic Environment Scotland - Gardens And Designed Landscapes  
Historic Environment Scotland - Historic Landscape Assessment  
Historic Environment Scotland - Historic Marine Protected Areas  
Historic Environment Scotland - Listed Buildings  
Historic Environment Scotland - Properties In Care  
Historic Environment Scotland - Scheduled Monuments  
Inventory Of Historic Battlefields  
SNH  
SNH - Ancient Woodland Inventory  
SNH - Biotic Reserves

[Sruc.groundmapper.co.uk](http://Sruc.groundmapper.co.uk)

# MODULE 1 - INTRODUCTION TO GROUNDMAPPER

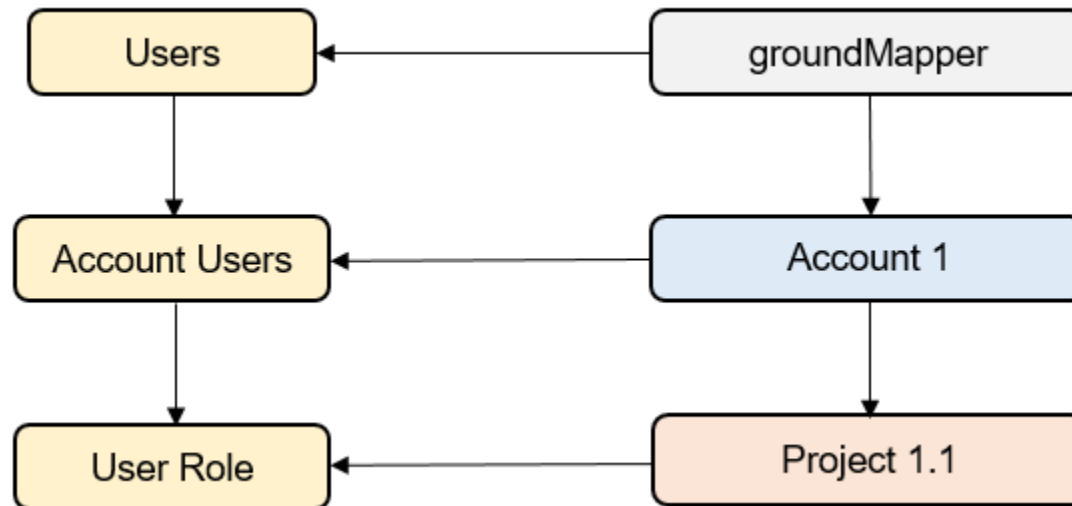
Administration Site	User (client) Site
Manage Users	Switch between Projects in an Account
Create Accounts	View & Edit Spatial Layers
Create Projects	Search Attributes
Define Project Templates	View & Edit Contacts
Upload Datasets	Upload Documents
Define Dataset Attributes	Manage Metadata
Create Layers	Add & View Project Comments
Create Styles	Print Maps to PDF
Define Print Templates	Bookmark Map Locations
View Site Statistics	Filter Layers

# MODULE 1 - INTRODUCTION TO GROUNDMAPPER





# MODULE 1 - INTRODUCTION TO GROUNDMAPPER



## MODULE 2 - ACCOUNTS & PROJECTS

AIM: Learn to create new accounts and projects for a range of different users

By the end of this section you should be able to...

Create an account

Create a project  
within an account

Assign users to  
accounts &  
projects

Set user roles  
within a project

## MODULE 2 - ACCOUNTS & PROJECTS

- Demonstration
  - *New Accounts & Users*
  - *Projects & User Roles*
- Exercise 2

Users 1	Projects 4
---------	------------

User	None	Standard	Advanced
standard.user	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

## MODULE 2 - ACCOUNTS & PROJECTS

- How to create a user:

- 1) Click 'Add New User' on Users page

A rectangular button with rounded corners, light gray background, and the text "Add New User" in a dark gray font.

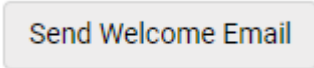
- 2) Provide Username, First Name, Last Name, Email

- 3) Is the new User an Admin?

- a) Is the new User an Advanced Admin?

- 4) Click Save

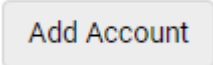
- 5) Send Welcome Email to provide the User with login credentials

A rectangular button with rounded corners, light gray background, and the text "Send Welcome Email" in a dark gray font.

## MODULE 2 - ACCOUNTS & PROJECTS

- How to create a new Account:

- 1) Click 'Add Account' on Accounts page


A rectangular button with a light gray background and rounded corners, containing the text "Add Account" in a dark gray font.

- 2) Provide the account name, URL extension, reference

- 3) Click Save

- How to add a User to an Account:

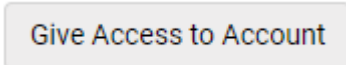
- 1) Click 'Users' for the Account

A rectangular button with a light gray background and rounded corners, containing the text "Users" in a dark gray font and a small blue circle with the number "1" in white.

- 2) Select 'Add New User'

A rectangular button with a light gray background and rounded corners, containing the text "Add New User" in a dark gray font.

- 3) Identify User and 'Give Access to Account'

A rectangular button with a light gray background and rounded corners, containing the text "Give Access to Account" in a dark gray font.

## MODULE 2 - ACCOUNTS & PROJECTS

- How to add a Project to an Account:

- 1) Click 'Projects' for the Account

Projects 4

- 2) Select 'Add New Project'

Add New Project

- 3) Provide the project name, reference, extent

- 4) Is the project created from a template?

- 5) Click 'Submit'

Submit

### Project Initiation

Project Name

Project Reference

### Project extent



Create from template ☐

Submit Cancel

- Assign a User Role for a Project:

- 1) Click 'Users' for the Project

- 2) Assign a User 'No Access', 'Read-Only' access, or 'Editor' access

- 3) Click Save

User	No Access	Readonly	Editor
standard.user	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

## MODULE 2 REVIEW

Create an account

Create a project  
within an account

Assign users to  
accounts &  
projects

Set user roles  
within a project

## MODULE 3 - PROJECT SETUP

AIM: Learn to setup a new project with datasets and styles

By the end of this section you should be able to...

Add new datasets  
to a project

Setup a variety of  
attributes for a  
dataset

Assign & create  
layer styles

Setup print &  
project templates






# MODULE 3 - PROJECT SETUP

- Demonstration
  - Datasets & Attributes
- Exercise 3a
- Demonstration
  - Styles & Layers
  - Data Bundles
  - Templates
- Exercise 3b

## Edit Attribute

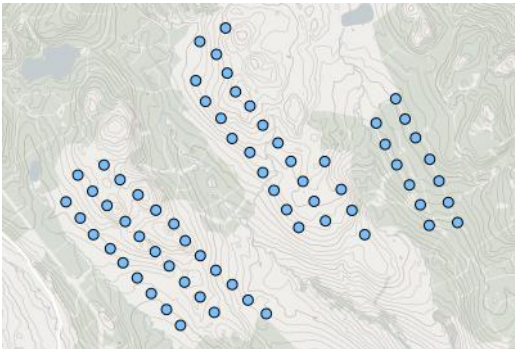
Name	<input type="text" value="id"/>
Alias	<input type="text" value="ID"/>
Mandatory	<input checked="" type="checkbox"/>
Searchable	<input checked="" type="checkbox"/>
Data Type	<input type="text" value="Integer"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

line	
point	
polygon	

- ☐ British Geological Survey
- ☐ DECC
- ☐ Environment Agency
- ☐ European Environment Agency
- ☐ Forestry Commission
- ☐ Historic England

# MODULE 3 - PROJECT SETUP

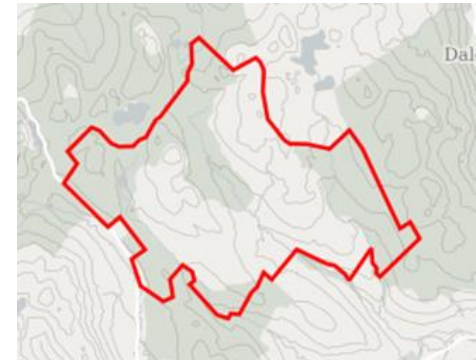
Point



Line



Polygon



## MODULE 3 - PROJECT SETUP

Global Settings	Account/Project Settings
List of All Users	Account Users & User Roles
Styles	Project Datasets & Attributes
Project Templates	Project Lookups, Contact Types
Print Templates	Project Layers
3 <sup>rd</sup> Party Data Bundles	Contacts, Documents, Data Catalog, Comments

# MODULE 3 REVIEW

Add new datasets  
to a project

Setup a variety of  
attributes for a  
dataset

Assign & create  
layer styles

Setup print &  
project templates

# REVIEW

- Introduction to groundMapper
- Accounts & Projects
- Project Setup

# UNDER DEVELOPMENT

- Convert Attribute to a Lookup
- Categorised Symbolology
- Import GeoPackages
- Project Level Metadata
- Account Landing Page

And Many More...

## FURTHER TRAINING

- groundMapper User
- QGIS Beginner
- QGIS Fast Track
- QGIS Advanced
- Qfield for QGIS
- PostGIS User
- PostGIS Administrator

*thinkWhere uses leading edge cloud, Open Source and GIS technologies, to develop innovative software and solutions, backed by a wide range of GIS implementation, consultancy, support and training services.*

# QUESTIONS?

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