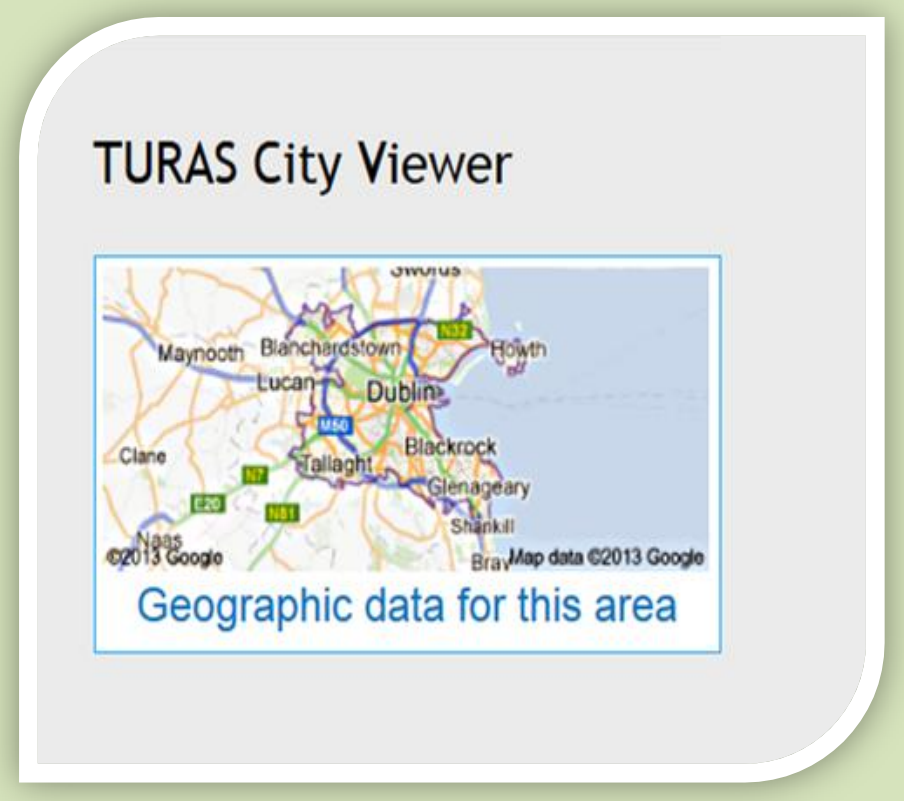
TURAS CITY VIEWER USER GUIDE

TURAS

TURAS

WELCOME TO THE TURAS CITY VIEWER

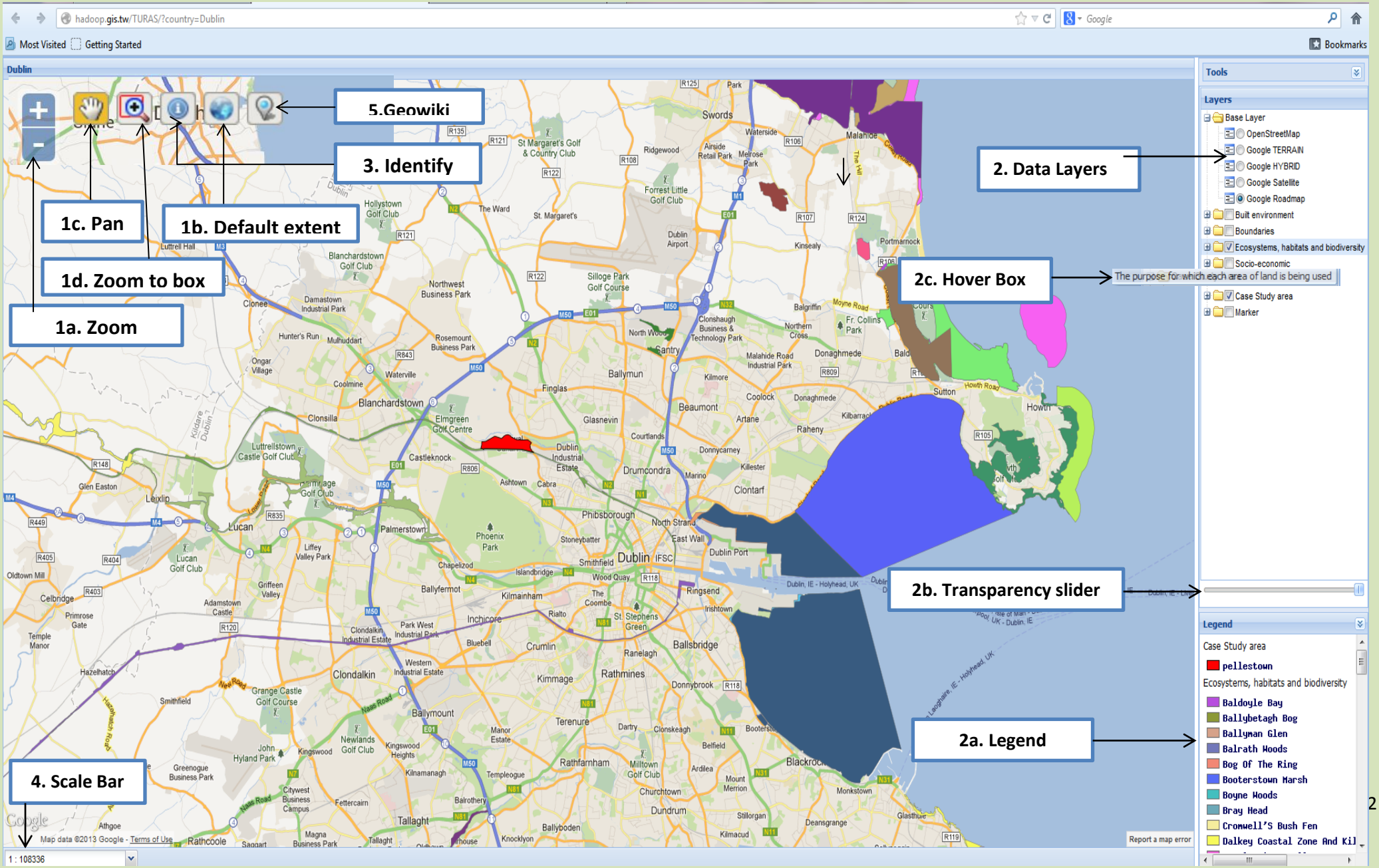


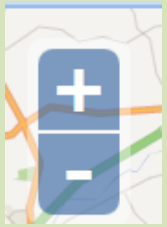
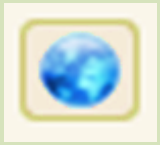
Introduction to the TURAS City Viewer

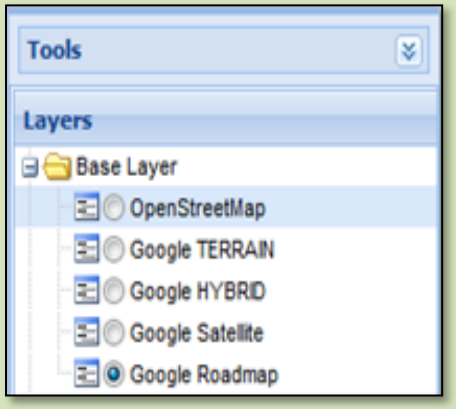
The TURAS City Viewer provides layers of city wide data and information, supplied by local authorities, academic institutions and SME's. The purpose of the TURAS city viewer is to provide the context for the TURAS case study areas and to view, interpret and visualize relevant spatial data. Using the city viewer you can also add comments / text / photographs to the map using the Geowiki tool. Current datasets include land use, land zoning, boundaries, socio-economic data, built environment, ecosystems and transportation and street network.

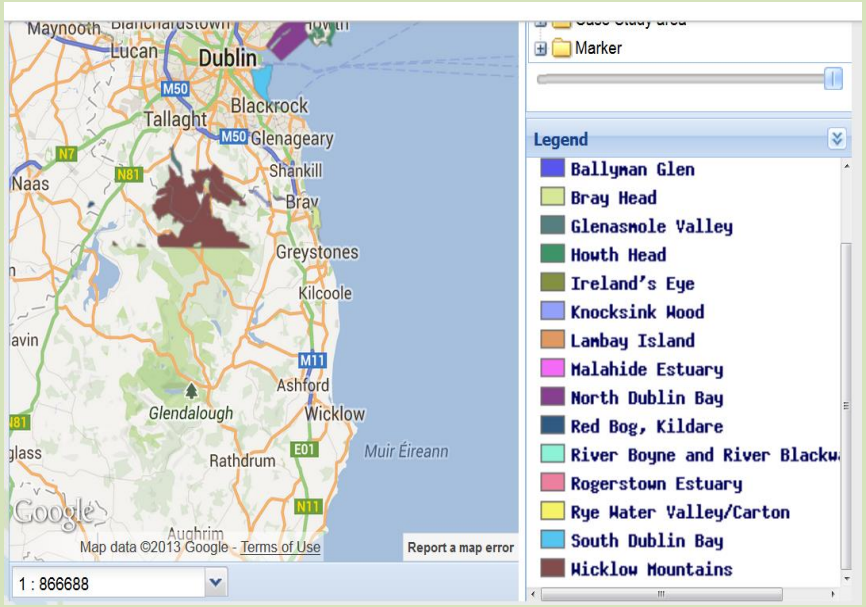
TURAS

Over all View

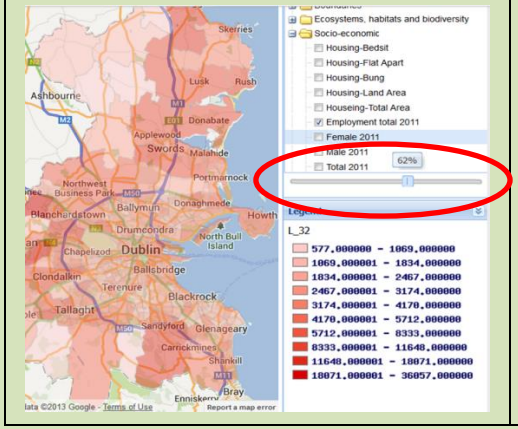


1. Navigation tools			
	**1a. Zoom**	**Function** To zoom in and out of the screen. In order to change extent of the map area viewed: Zoom in = focusing on a smaller area; Zoom out = increasing the size of the viewing area.	**Procedure** Click on the plus button to zoom in. Click on the minus button to zoom out. OR use the scroll wheel of your mouse to zoom in or out.
	**1b. Default extent**	**Function** To return the map to full extent after zooming in. The full extent is predefined at the development stage; it is the extent that comes up upon the first entry to the particular case City View.	**Procedure** Click on the default extent icon and map will return to full extent.
	**1c. Pan**	**Function** To move the map up or down, left or right.	**Procedure** Click on the pan button. Left click and hold to drag the map in the desired direction.
	**1d. Zoom to box**	**Function** Zoom in on a box you define.	**Procedure** Click on the zoom to box button, click on the point that will represent the upper left corner of the rectangular you would like to define. Then click and hold the left mouse. Drag the mouse as so a box is drawn. The map will zoom into the area of the box.

2.Data layers			
	**Base Layers**	**Function** The base layers provide background information for the other thematic data. The base layers are OpenStreetMap, Google TERRAIN, Google HYBRID, Google Satellite and Google Roadmap.	**Procedure** Left click the plus button beside the base layer title to display the available base layers. Left click on the circle beside the base layer you would like to display on map.
	**Data Layers**	**Function** The data layers provide relevant thematic data about each case study area, e.g. employment, land zoning and local habitats.	**Procedure** Click the plus button beside the data layer title to display the available data under the particular theme. Click the box on the left of the data layer to display the data. More than one data layer can be activated at any time. The layers are displayed in the order listed in the selection area. If selecting more than one layer the layers which are further down the list will appear to top of the layers which precede them. **Note:** The transparency tool can also be used to ensure the simultaneous selection of multiple layers (see below). To zoom to the data layer double click on the layer.

2a. Legend		
	**Function** To identify what features are being shown on the map and to indicate the range of values where applicable.	**Procedure** The legend is automatically displayed when a layer is turned on.

2b. Transparency Slider



Function

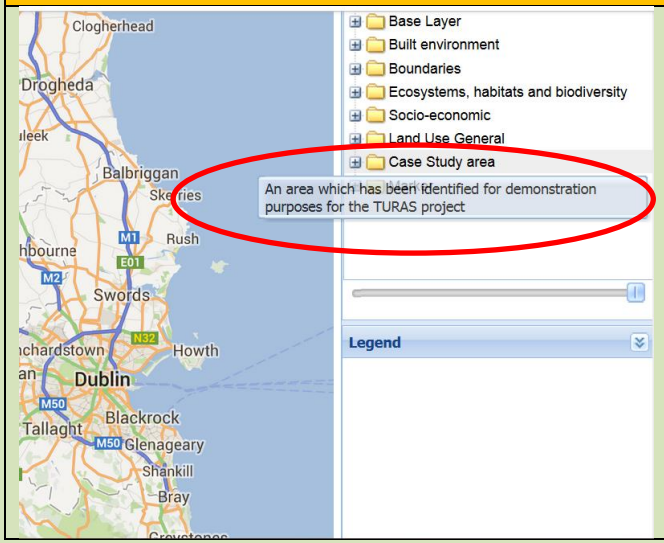
To change the transparency of colours of different data layers so multiple layers can be viewed at the same time.

Procedure

Click on the transparency slider and move to the left to increase the transparency and move to the right to decrease transparency.

If more than two layers selected the most recently selected layer will become transparent.

2c. Hover Box



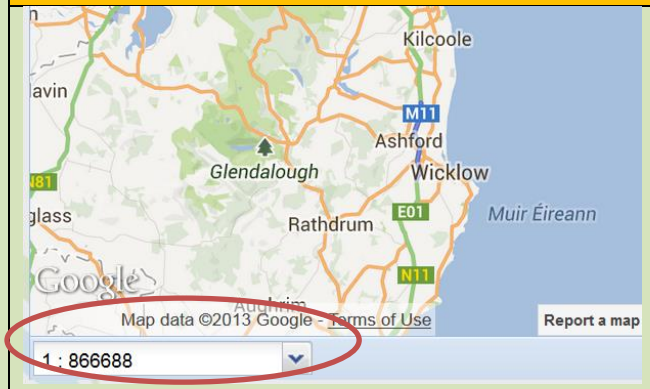
Function

A pop up text box which gives a definition of each of the data layers.

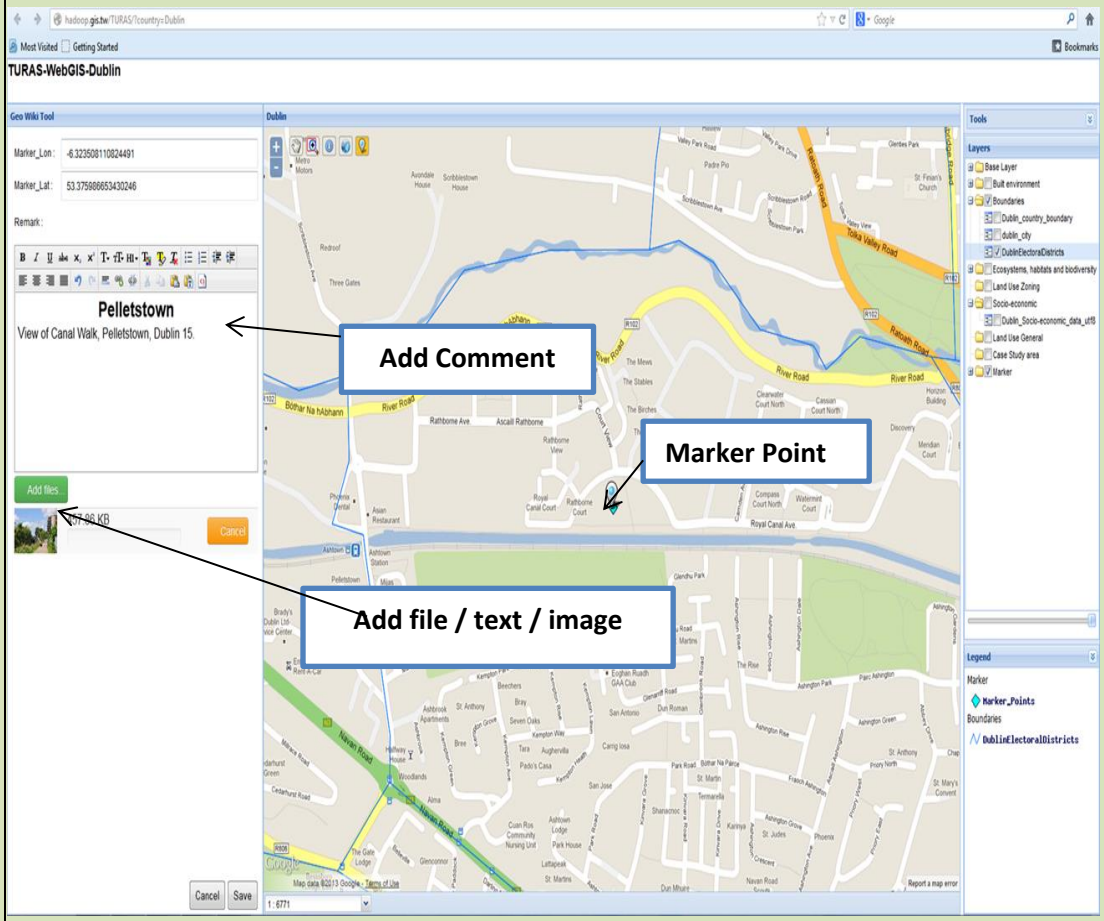
Procedure

Hover the curser over the title of the data layer and the hover box with information will appear.

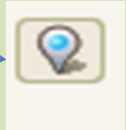
3. Identifier tool		
	**Function** To identify points, lines and polygons on the map. The identifier tool triggers the database record on the particular point, lone or area to be displayed on the screen.	**Procedure** Click on the identifier tool button. Then click on a point line or polygon on the map and relevant information will be displayed. If more than one layer selected for area information relating to both data layers will be displayed.

4. Scale Bar		
	**Function** To show and change the scale of the map. The scale of the map is the ratio of a distance on the map to the corresponding distance on the ground.	**Procedure** Click on the down arrow on the scale bar to change the scale of the map. The different scales relate to the predefined boundaries of each of the data layers.

5. Geowiki tool



Geowiki icon



Function

To add text or images to a location on the map.

Procedure

Click the Geowiki icon.

Click on the point of the map where you about which or related to which you would like to add a comment, text or image. The geowiki box will then appear.

To add a comment, enter text into the text box.

To add an image or text document click the green button “add files” and click save to add to map.

Each comment or image is then added as a marker point which can be viewed again by clicking the marker layer, selecting the identify button then clicking on the marker point on the map.


TURAS
SEVENTH FRAMEWORK
PROGRAMME