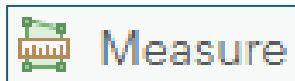


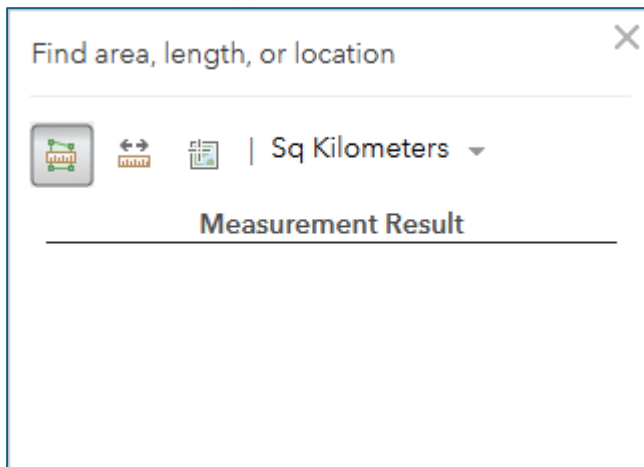
Get location Co-Ordinates

Open your web browser and go to the following website: <https://gsi.geodata.gov.ie/portal/home/webmap/viewer.html>

On the top right section of the website, click on the following icon:



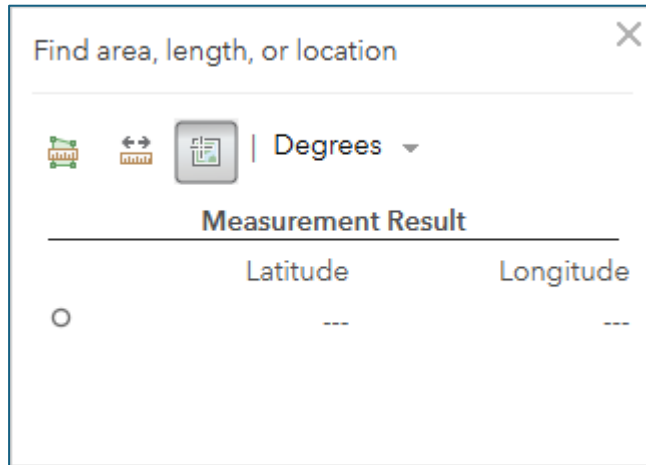
A dropdown window will appear as follows:



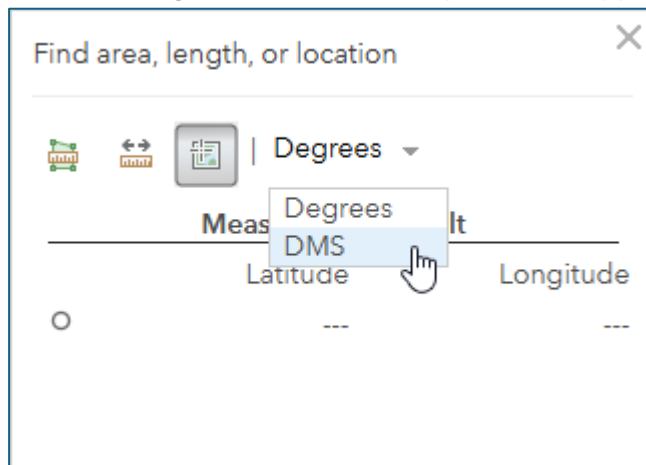
Within the dropdown window, click on the following "Location" icon:



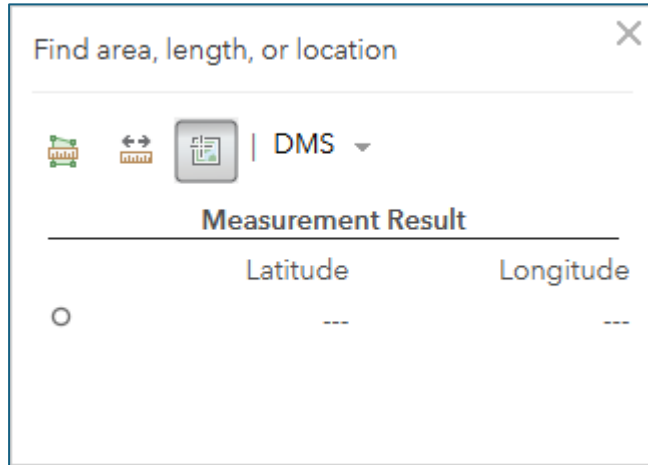
You will notice that the icon is now highlighted:



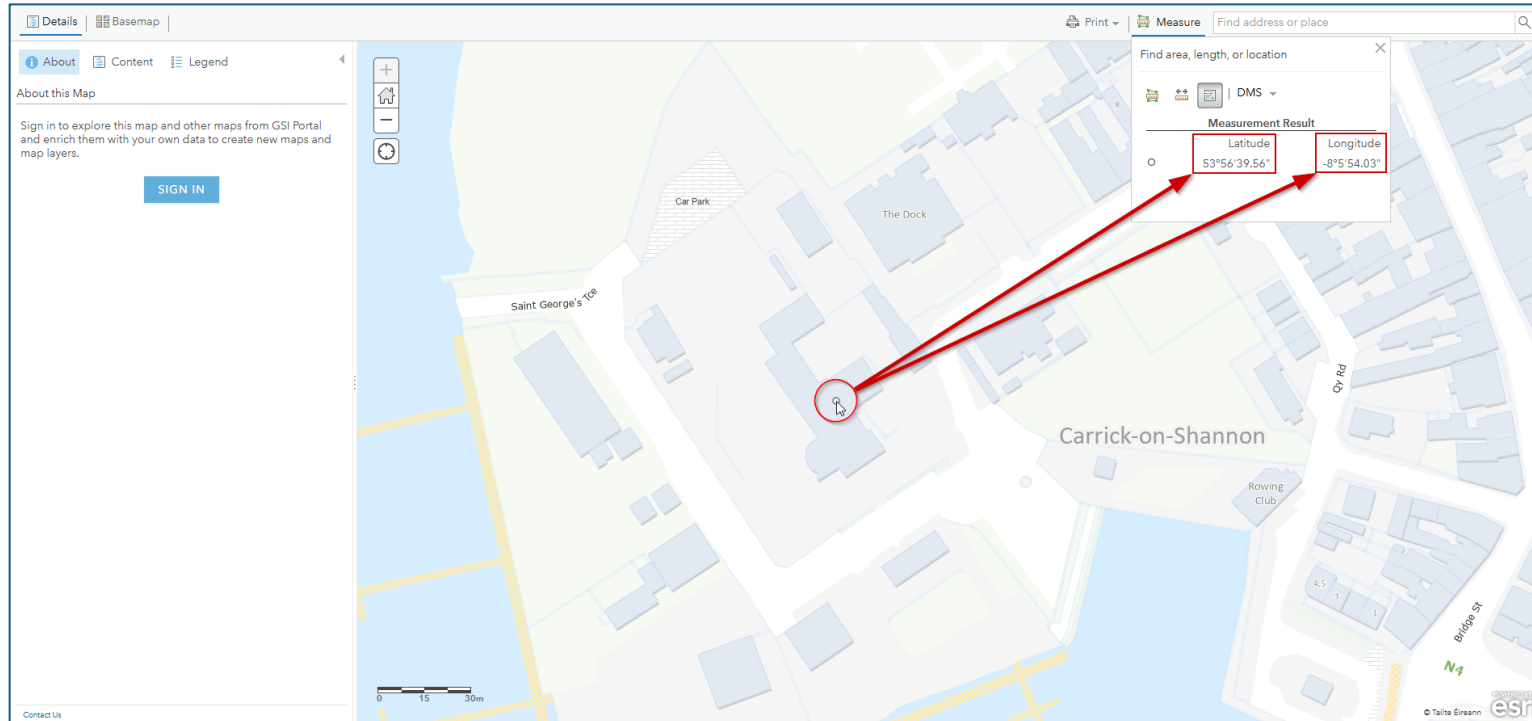
Now click on the “Degrees” word and a dropdown will appear, select “DMS”:



The window should now appear as follows, where the location icon is highlighted and the measurement is DMS:



Zoom into the location on the map to the location of your property and click on the property to get the Latitude and Longitude coordinates.



Make note of the coordinates as they appear in **Degrees**, **Minutes** and **Seconds** format.

Example co-ordinates taken from above provided screenshot:

Latitude: 53° 56' 39.56"	Longitude: -8° 5' 54.03"
---------------------------------	---------------------------------

	Degrees	Minutes	Seconds
Latitude	53	56	39.56
Longitude	-8	5	54.03

Convert your coordinates to Irish Transverse Mercator (ITM) Co-ordinates

Open your web browser and go to the following website:

<https://gnss.osi.ie/new-converter/>

Enter your property coordinates in the relevant field under the heading of **ETRF89 GPS Co-ordinates** (see below example):

Co-ordinate converter			
ETRF89 GPS Co-ordinates:			
Latitude:	<input type="text" value="53"/>	deg	<input type="text" value="56"/> min <input type="text" value="39.56"/> sec
Longitude:	<input type="text" value="-8"/>	deg	<input type="text" value="5"/> min <input type="text" value="54.03"/> sec
Altitude:	<input type="text"/>		<input type="button" value="Convert"/>

Once you have enter your Latitude and Longitude co-ordinates, click on the “Convert” button under the heading of **ETRF89 GPS Co-ordinates**

Co-ordinate converter			
ETRF89 GPS Co-ordinates:			
Latitude:	<input type="text" value="53"/>	deg	<input type="text" value="56"/> min <input type="text" value="39.56"/> sec
Longitude:	<input type="text" value="-8"/>	deg	<input type="text" value="5"/> min <input type="text" value="54.03"/> sec
Altitude:	<input type="text"/>		<input type="button" value="Convert"/>

You will notice that the various “Easting” and “Northing” fields will now be populated with coordinates. We require the **Irish Transverse Mercator (ITM) Co-ordinates**.

Co-ordinate converter			
ETRF89 GPS Co-ordinates:			
Latitude:	<input type="text" value="53"/>	deg	<input type="text" value="56"/>
		min	<input type="text" value="39.56"/>
		sec	
Longitude:	<input type="text" value="-8"/>	deg	<input type="text" value="5"/>
		min	<input type="text" value="54.03"/>
		sec	
Altitude:	<input type="text"/>		<input type="button" value="Convert"/>
Irish Grid Co-ordinates:			
Easting:	<input type="text" value="193591.2596"/>	Northing:	<input type="text" value="299435.6535"/>
Orthometric Height:	<input type="text"/>		<input type="button" value="Convert"/>
Irish Transverse Mercator (ITM) Co-ordinates::			
Easting:	<input type="text" value="593543.7301"/>	Northing:	<input type="text" value="799448.5595"/>
Orthometric Height:	<input type="text"/>		<input type="button" value="Convert"/>
Universal Transverse Mercator (UTM) Co-ordinates - Zone 29:			
Easting:	<input type="text" value="559181.3832"/>	Northing:	<input type="text" value="5977703.4330"/>
Ellipsoid Height:	<input type="text"/>		<input type="button" value="Convert"/>

Easting is the X (ITM) coordinate and Northing is the Y (ITM) coordinate.