

Create your own walking map using Microsoft Windows

OS maps are copyrighted material, so make sure you only take screenshots for your personal use.

1. Install Microsoft's Image Composite Editor

You will need the Microsoft's Image Composite Editor (ICE). This can be downloaded for FREE from:

<https://www.microsoft.com/en-us/research/product/computational-photography-applications/image-composite-editor/>

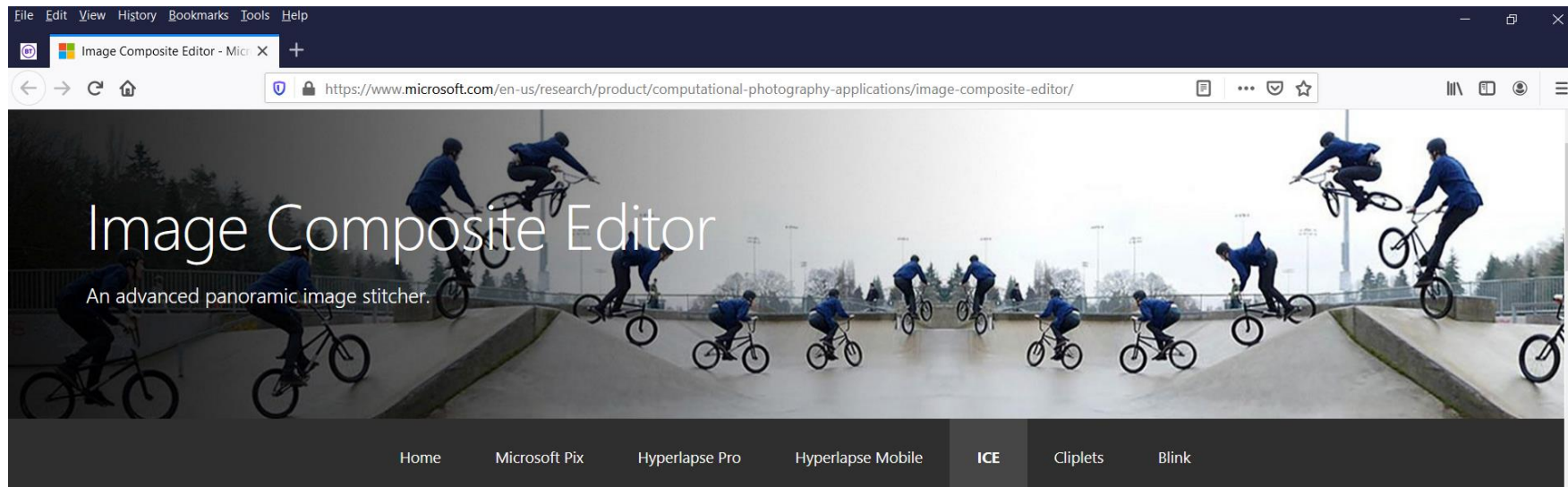


Image Composite Editor (ICE) is an advanced panoramic image stitcher created by the Microsoft Research Computational Photography Group. Given a set of overlapping photographs of a scene shot from a single camera location, the app creates high-resolution panoramas that seamlessly combine original images. ICE can also create panoramas from a panning video, including stop-motion action overlaid on the background. Finished panoramas can be saved in a wide variety of image formats, including JPEG, TIFF, and Photoshop's PSD/PSB format, as well as the multiresolution tiled format used by HD View and

Deep Zoom.

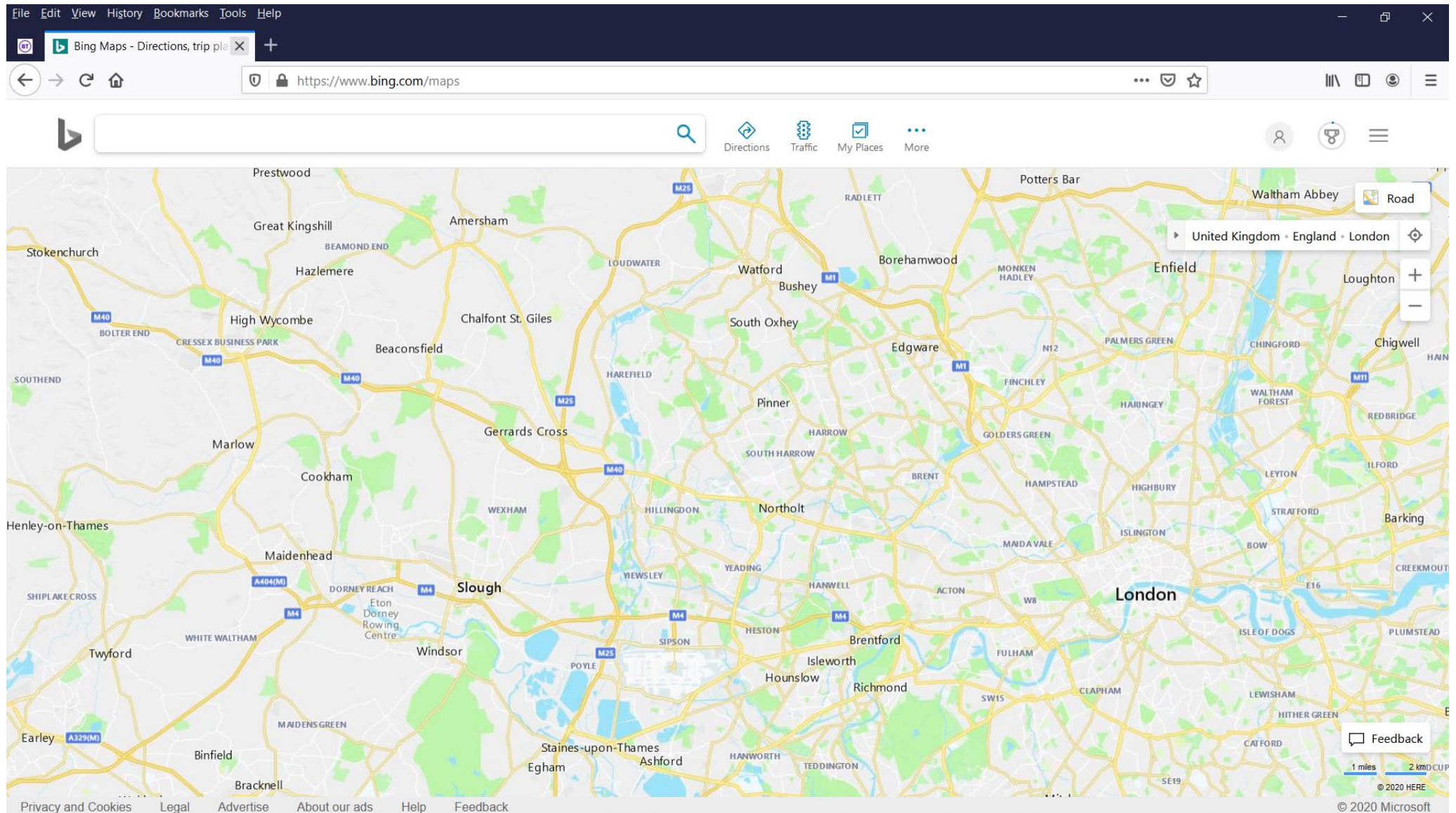
<https://www.microsoft.com>



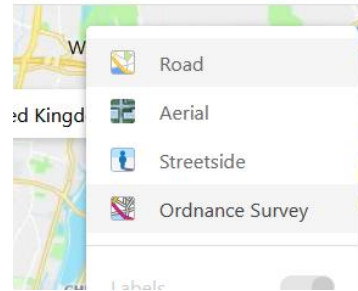
2. Obtain maps of the sections of your walking route

The map will be created by taking multiple screenshots from Bing Maps, then using ICE to stitch them together.

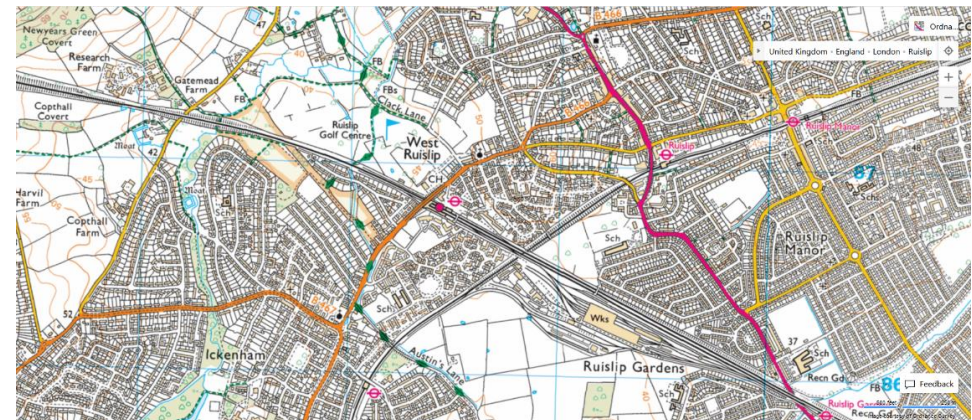
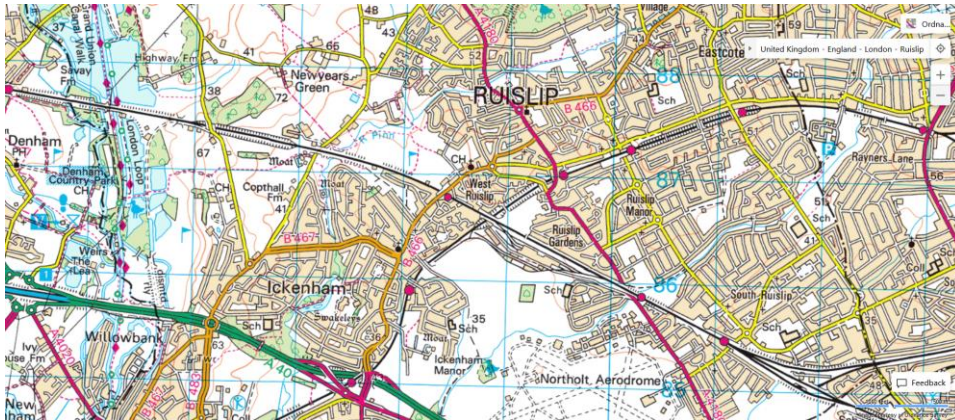
a) In a browser open www.bing.com/maps



b) Click the Road box and select Ordnance Survey



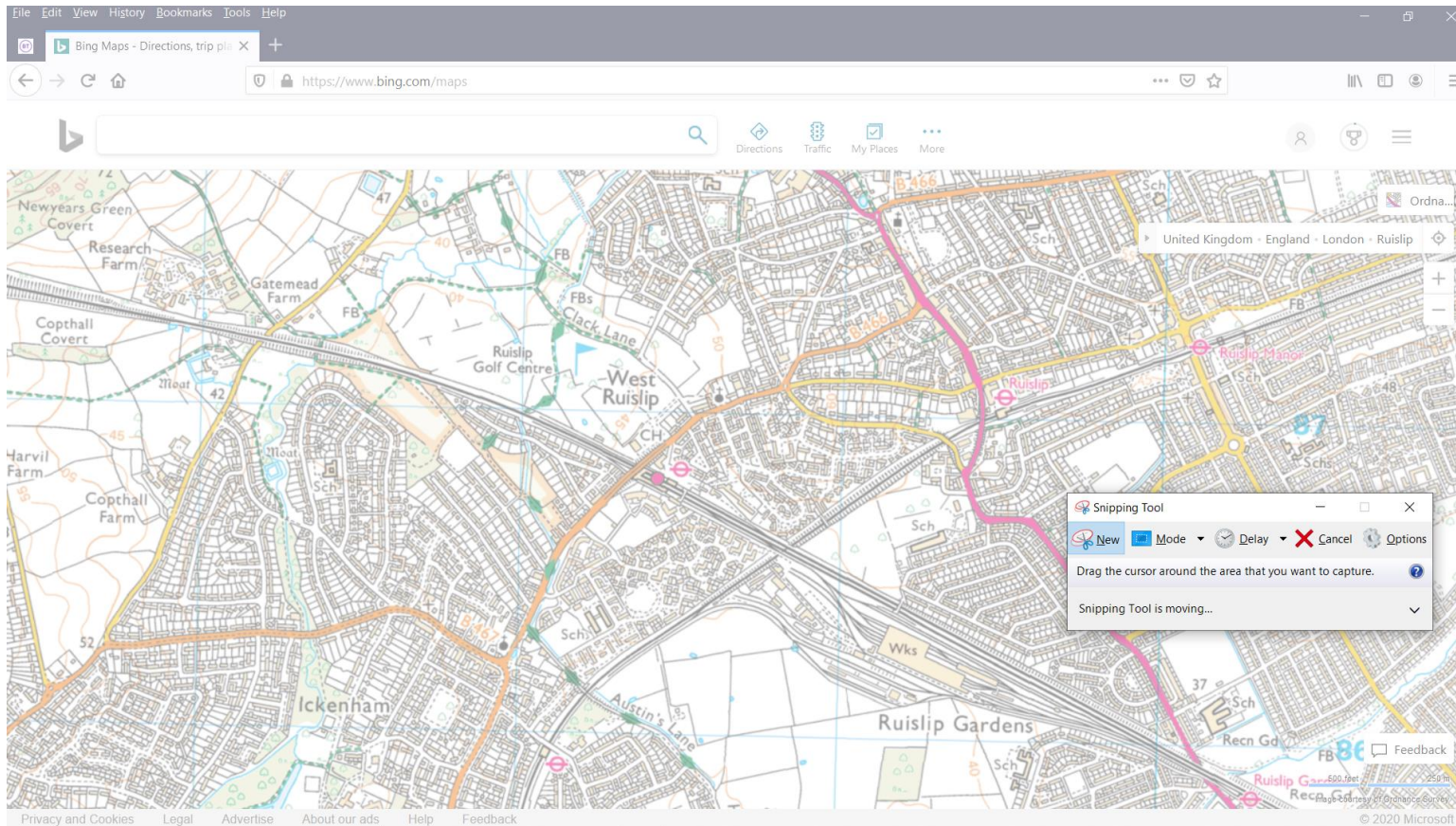
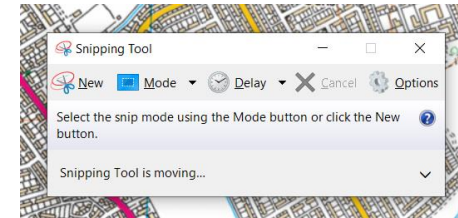
c) Move to the area of the map that you want to start your walk and zoom in using the on screen "+". As you zoom, you will see Landranger maps appear (1:50,000 scale), then the more detailed Explorer (1:25,000) maps.



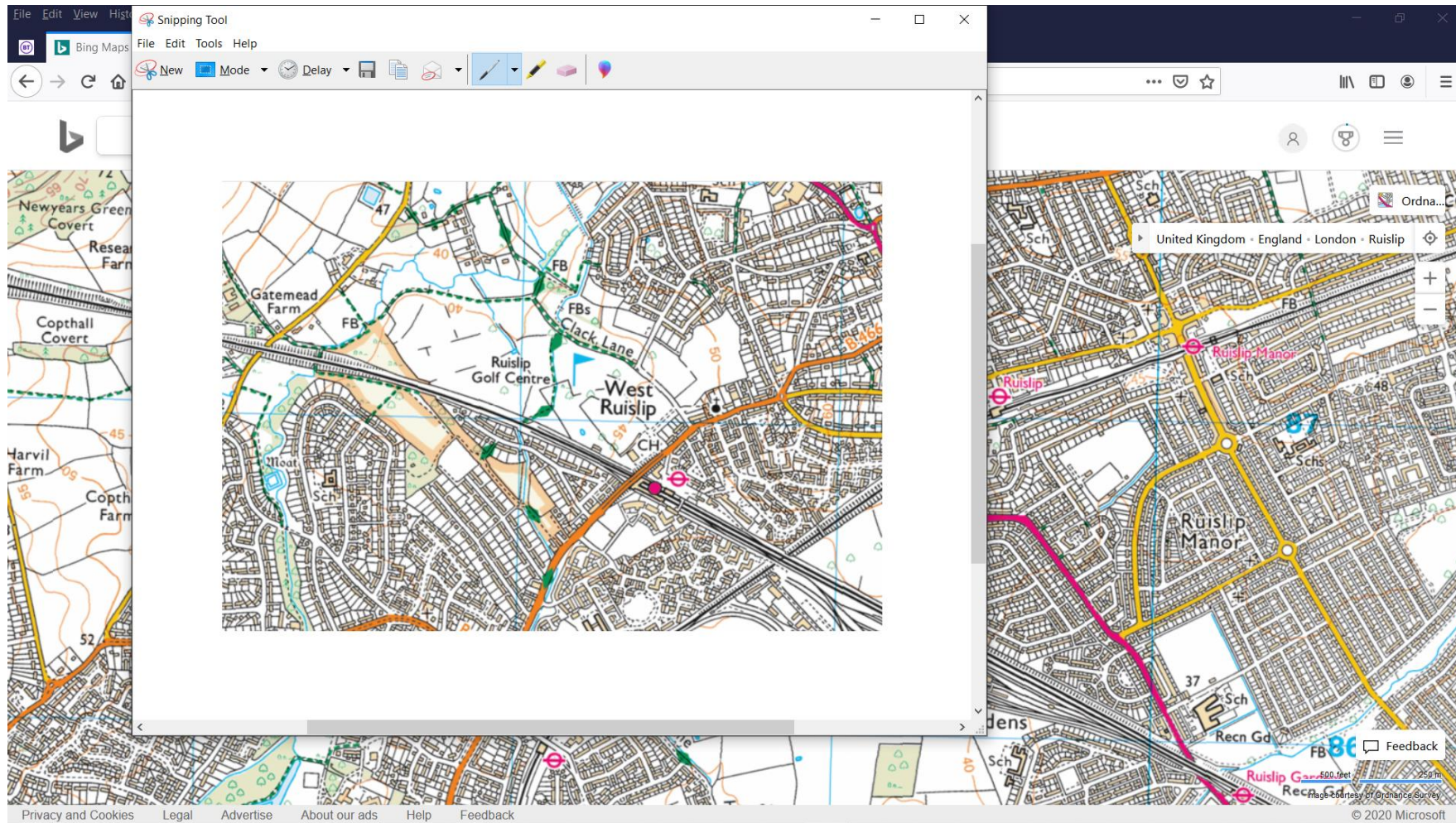
d) Press F11 to display the map in full-screen (to exit full screen later, press F11 again).

e) Open 'Snipping Tool' (click Start, type "Snipping tool", then press Enter)

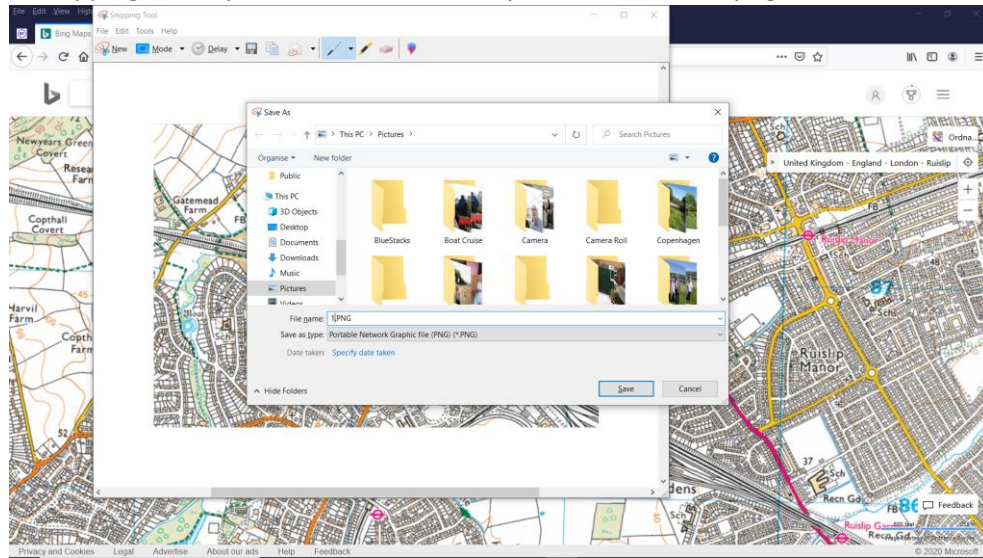
f) Click Mode, select "Rectangular Snip" then click "New" to take the screenshot.



g) Hover over the top-left corner of the map, then click and drag diagonally down to take a screenshot of the map. Make sure to just include the map.



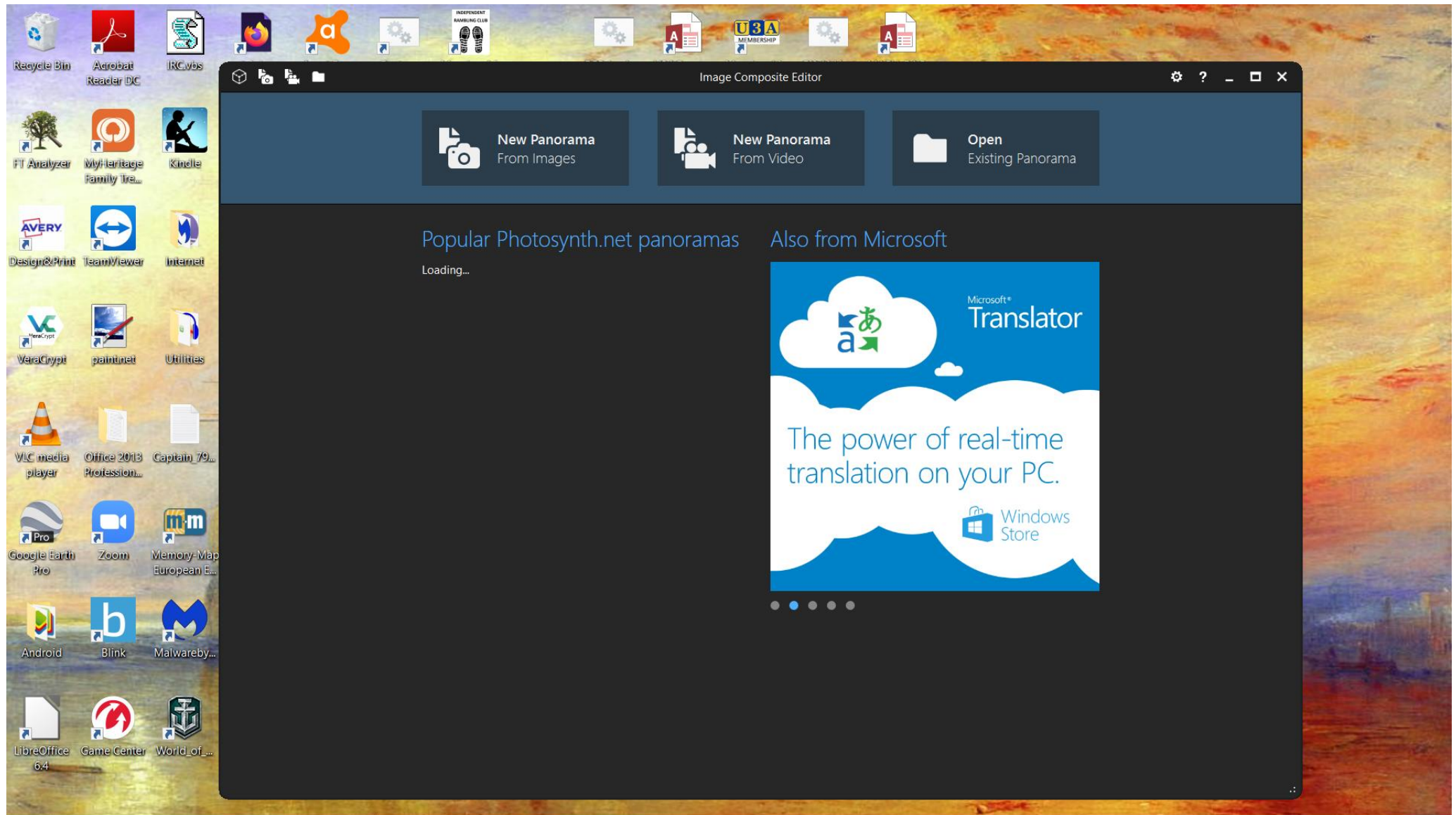
h) In Snipping Tools, press Ctrl+S, and name your screenshot '1.png', and click Save.



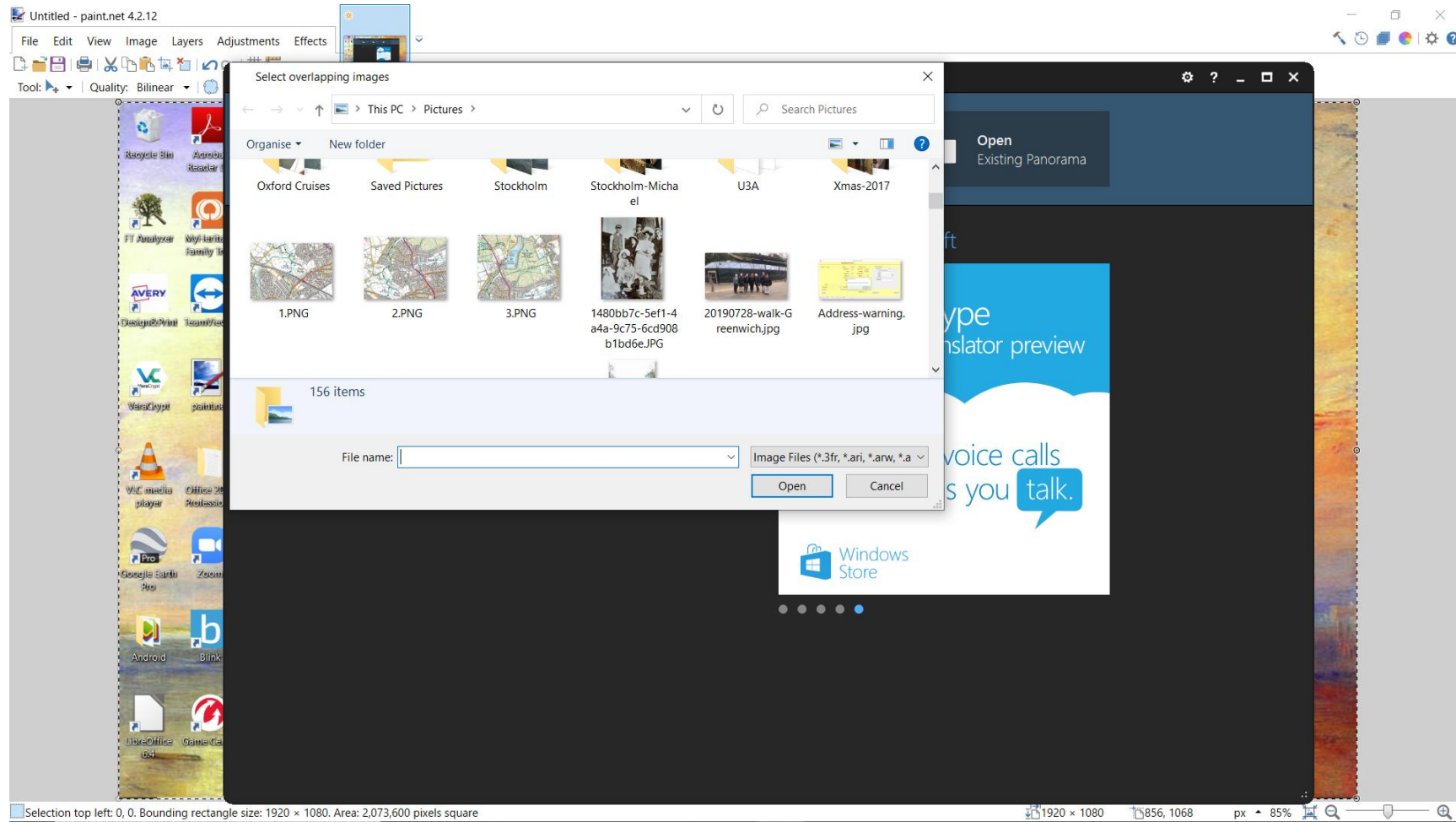
1.png

Once you have taken all your screenshots, it's time to stitch them together.

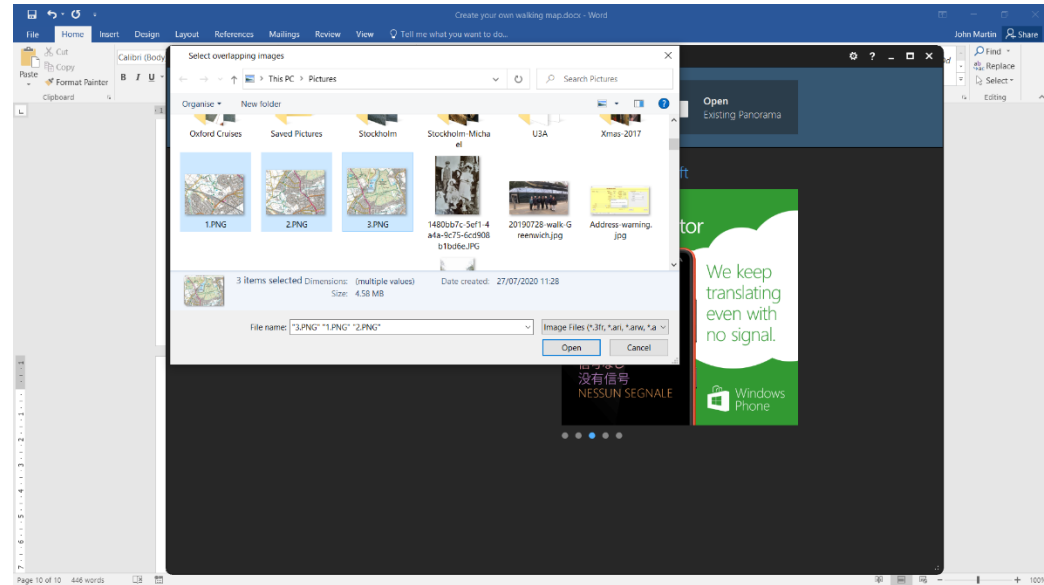
j) Open Microsoft ICE



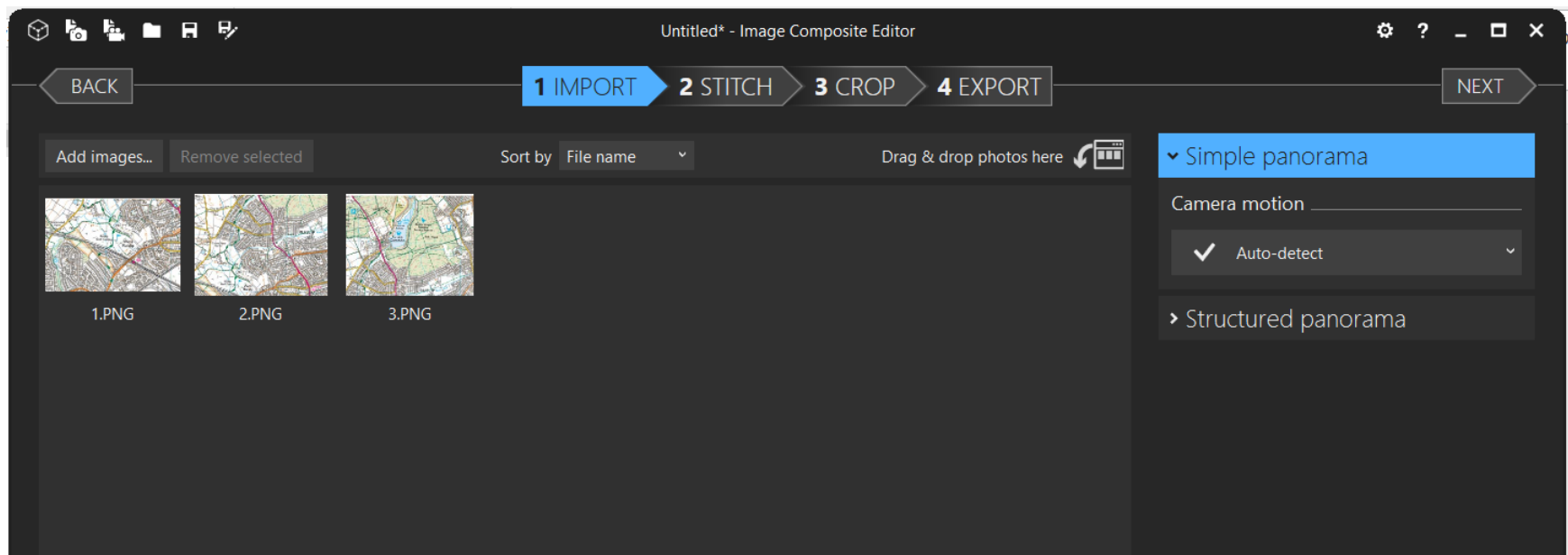
k) From the ICE home screen, click “New Panorama From Images”, then navigate to the folder containing your photos.



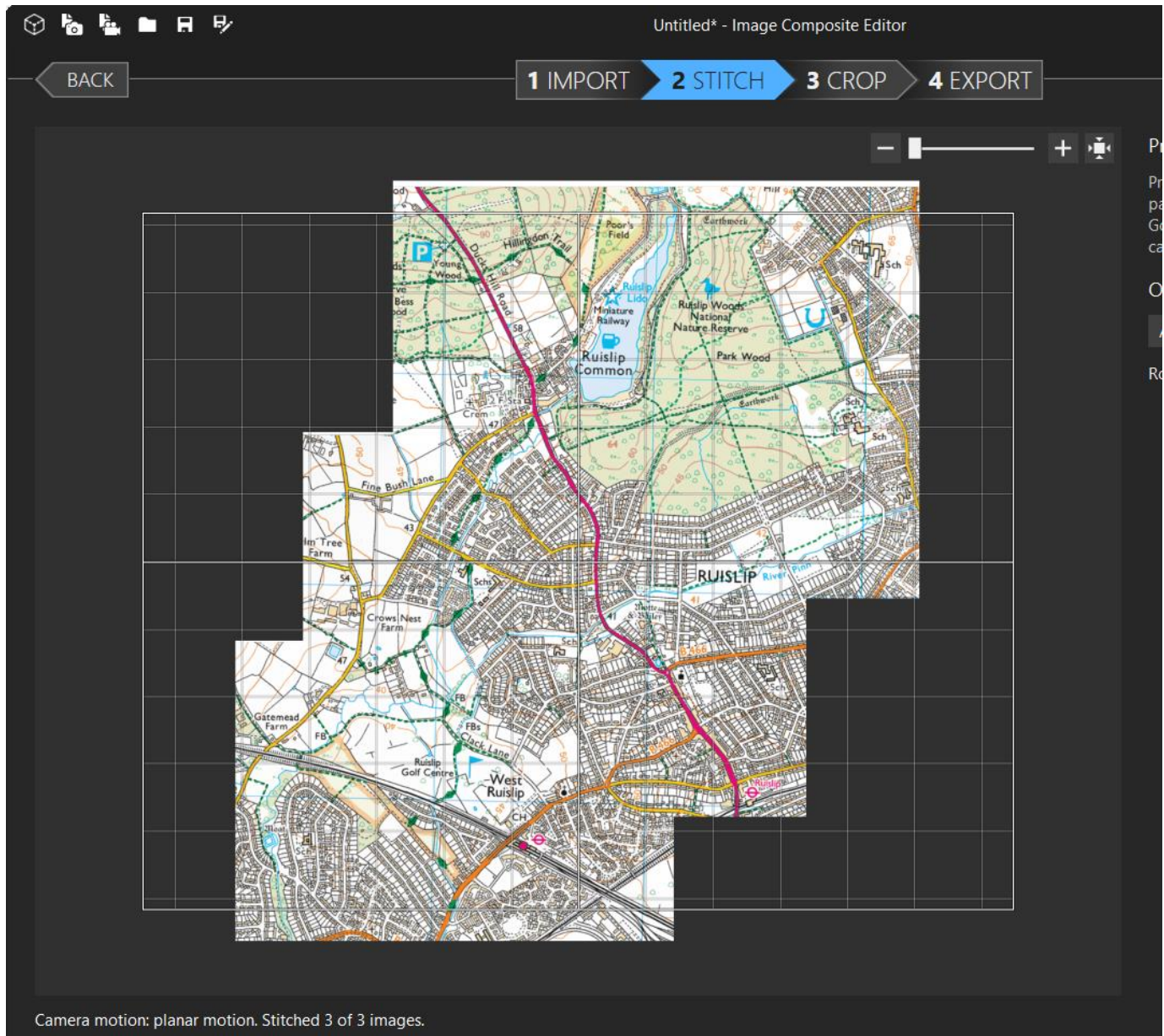
l) Hold down Ctrl and left-click each screenshot in turn



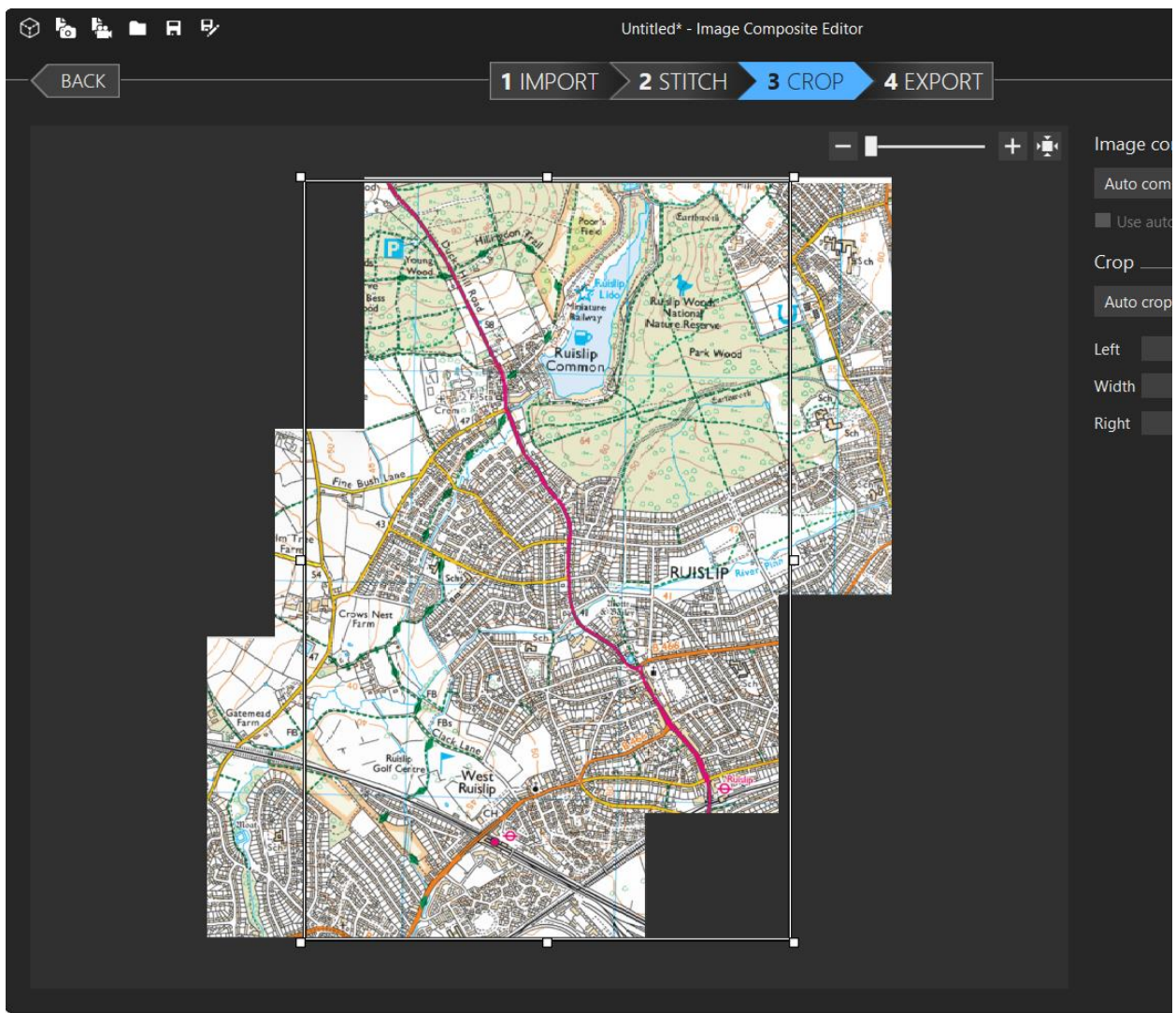
m) Once you have them all selected, click “Open”



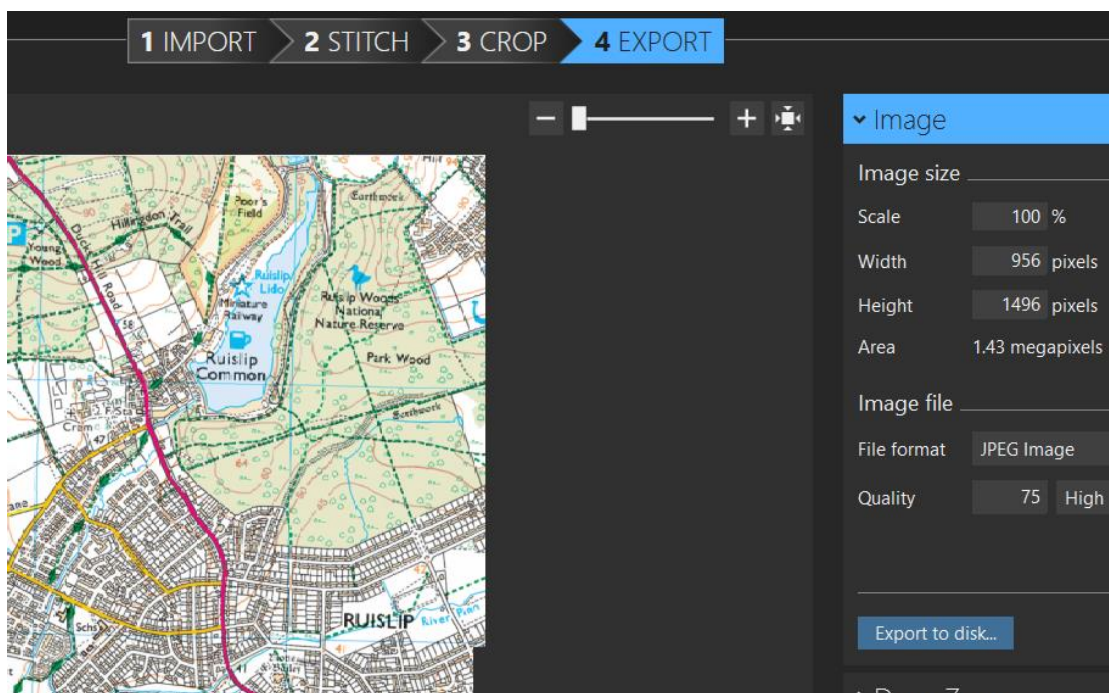
n) Click “Stitch” and ICE will analyse and then merge your images



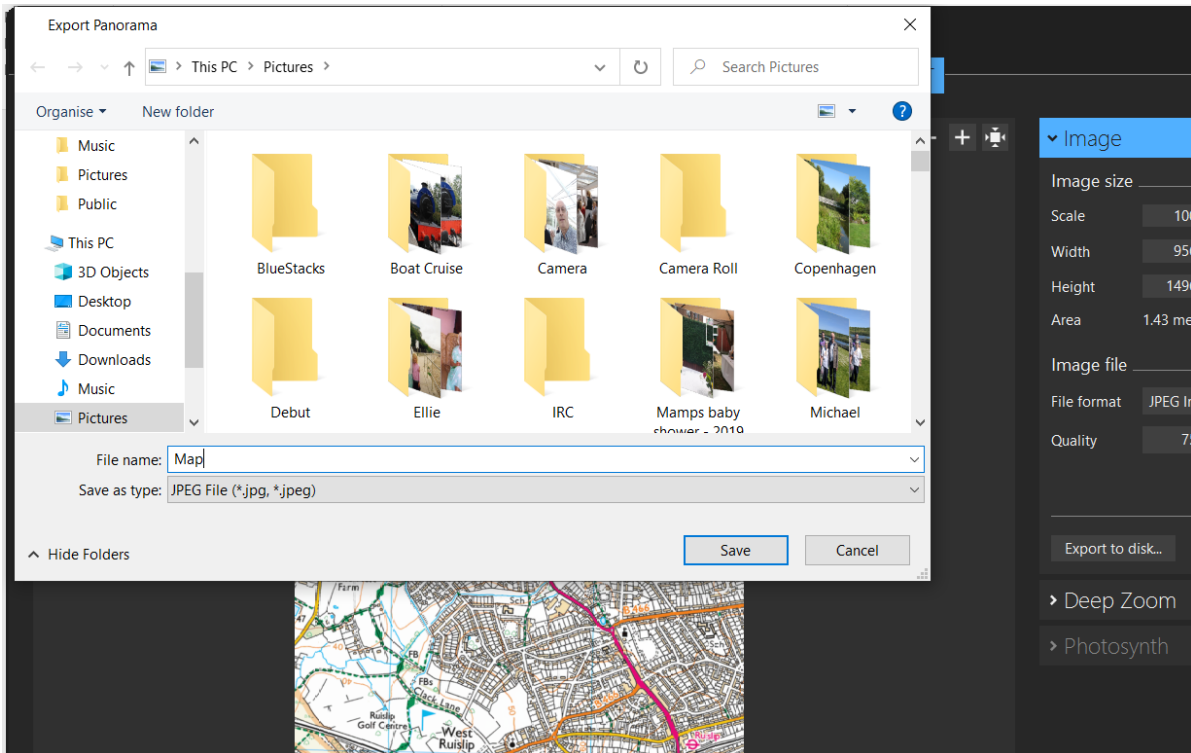
o) Click “Crop”, trim the image by clicking and dragging the box around it.



p) Click Export and then Click ‘Export to disk’

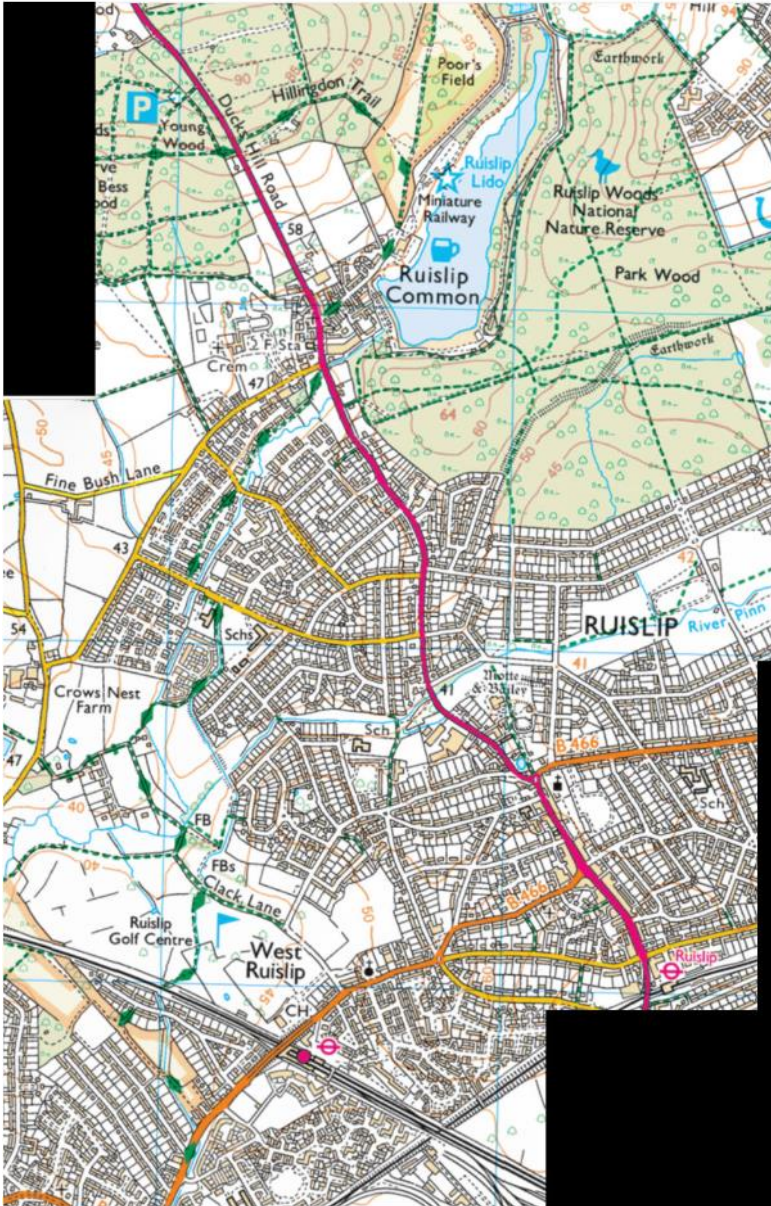


q) Choose where to save your map.



3. Add a route to your map if you want.

Routes can be added to the saved Map image using Photo Editing software



4. To have the map when you are out and about, you can transfer the map to your phone using Google DRIVE

- a) First, upload your map to your Google Drive from your PC.
- b) Next, open the “Google Drive” app on your phone
- c) locate the map you just uploaded and tap the three dots next to it and select ‘Make available offline’ (this ensures you’ll be able to view your map even in areas with no mobile signal).

5. You can transfer the map to your phone using Google DRIVE

First, upload your OS map to your Google Drive from your PC.

Next, open the Google Drive app on your phone

locate the map you just- uploaded, tap the three dots next to it and select 'Make available offline' (this ensures you'll be able to view your map even in areas with no mobile signal).