Why should parish and town councils use digital mapping data to improve the way they represent and deliver services to communities

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Vice Chairman, Histon & Impington Parish Council

GIS Manager, Cambridgeshire County Council

Public Sector Mapping Agreement (PSMA) User Representative Group member

Jamie Clark

Head of the PSMA Secretariat,

Department for Business Innovation, and Skills

“80% of an organization’s data has a location component.”

Esri, Reveal More Value in Your Data with Location Analytics, 2012

Mast
El Sub Sta
Cambridge
Lea Hospital
NEW ROAD
Pavilion
Bowling
Green
L Twrs
L Twrs
Play
Area
Recreation Ground
Tockholes
Bruin
Rooks Nest

John Snow, 1854 Cholera, Broad Street, London

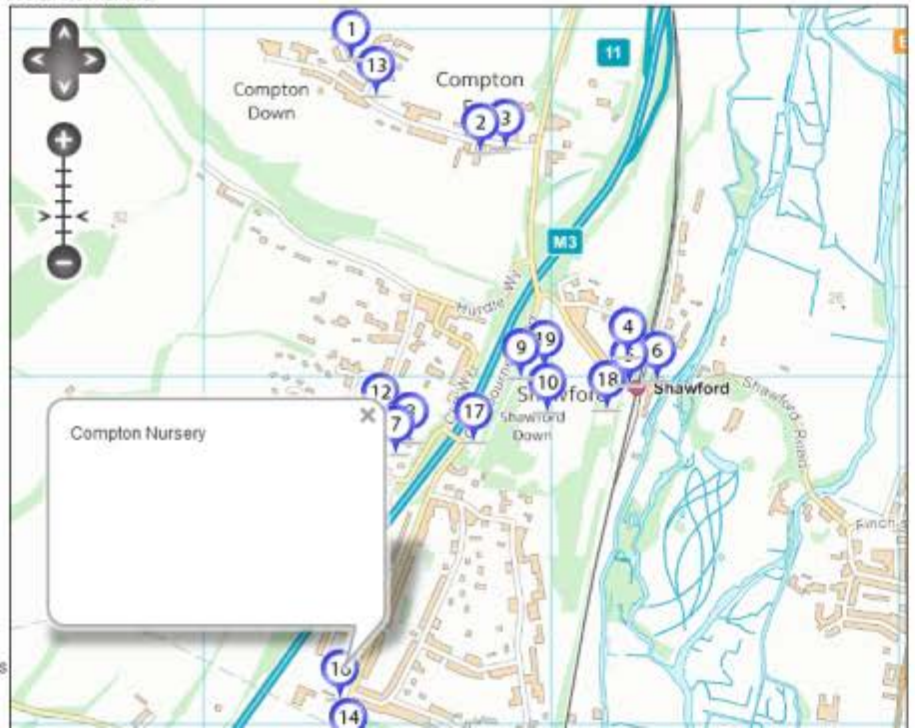
Points of Interest

Using Ordnance Survey OpenSpace mapping.

Key places in the parish

Note: You may need to scroll down or zoom out to see all the markers

1. Reeves Scout Hall – used by Scouts Compton Pre-School Sapphire Club Bridge Club
2. All Saints' Church Compton
3. All Saints Compton C of E Primary School
4. Shawford Parish Hall
5. Shawford Station (limited parking)
6. The Bridge Inn
7. Tennis Courts
8. Compton & Shawford Sports Club Jubilee Pavilion
9. The Wayside Cross - commemorating the troops who passed here on their way to embark for the trenches in the First World War
10. War Memorial - wreaths are laid here on Remembrance Sunday
11. Shepherds Down School
12. Memorial Playing Field and children's play area
13. Queen Elizabeth II Playing Field - renamed in 2013 in honour of the Diamond Jubilee as one of the Fields In Trust. Children's play area and practice football nets



Ordnance Survey

Ordnance Survey partner solution allows effective management of town council cemetery

Since Chesham Cemetery opened in 1858, Chesham Town Council has relied on hand-drawn, inaccurate maps, which led to inaccuracies in the number of plots that were thought to be available. By managing its cemetery more effectively using Ordnance Survey's large-scale mapping, the council has created new grave spaces and identified a potential new income of £12 000.

'Digital mapping has enabled us to record our cemetery in greater and more accurate detail than ever before. The technology saves our staff time, both in the office and on site at the cemetery. But it is also hugely beneficial to members of the public, as we can now provide them with maps to help them locate the graves of their loved ones.'

Kathryn Graves,
Policy & Projects Officer

Allotments

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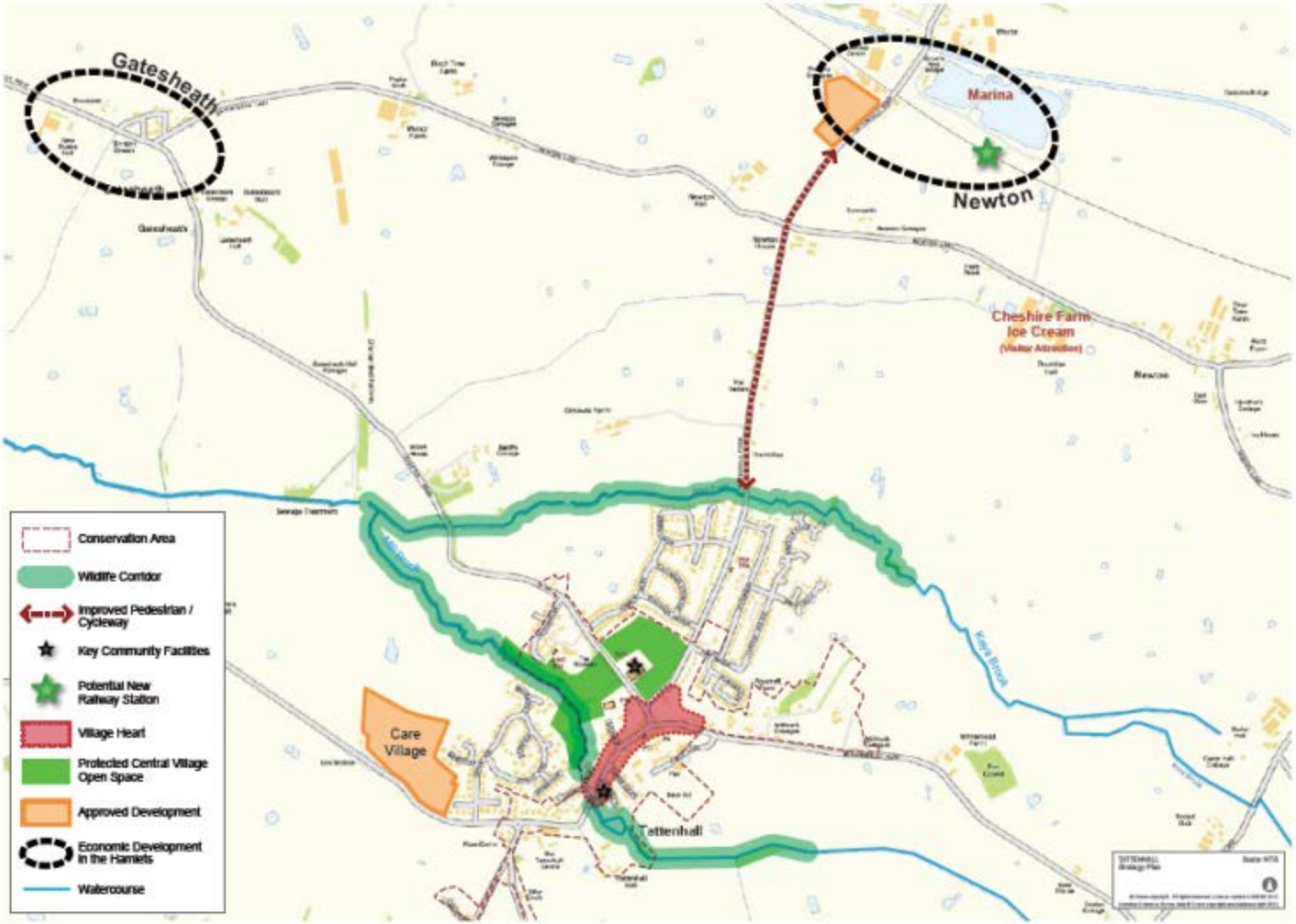
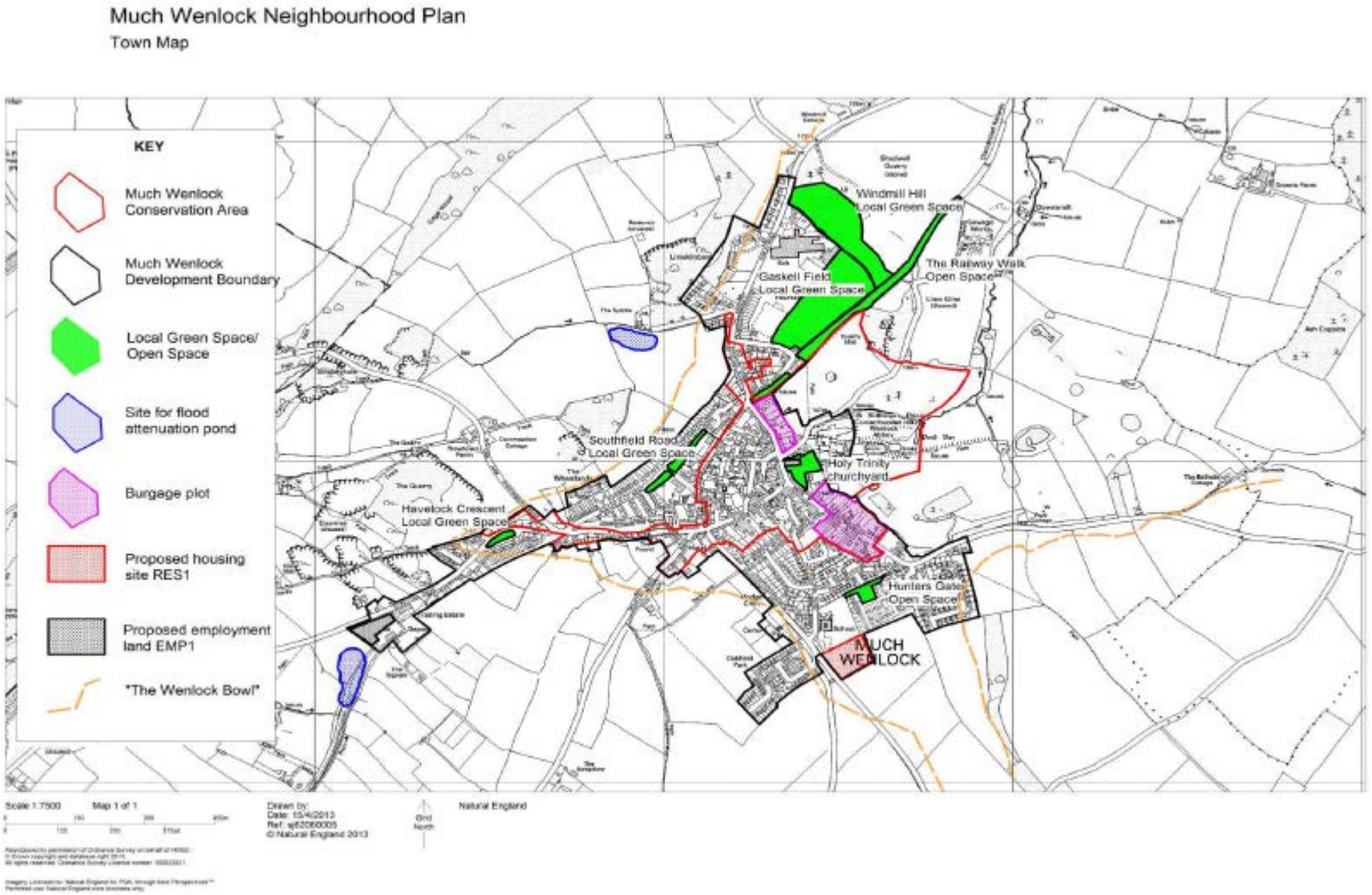
Land ownership – the village green

Neighbourhood Plan Consultation

Neighbourhood Plan



Neighbourhood Plan



Grouping Consultation results

YES

HF	YL	NQ	YX	ET	HQ	JN	JZ	NT	XW
YP	JL	NT	HD	ET	HQ	JR	JZ	NU	XW
JS	NZ	LU	XS	ET	HQ	JR	LD	NU	XX
NU	LQ	JT	JZ	ET	HQ	JR	LD	NU	XX
JT	YW	JZ	LT	ET	HR	JR	LD`	NU	YG
NT	HT	YX	JR	ET	HU	JR	LF	NV	YH
LA	XL	JT	JU	ET	HX	JR	LH	NW	YH
ND	NN	JS	YR	EW	HY	JS	LH	NW	YP
LU	HU	PP	JL	EW	HY	JS	LH	NW	YP
PL	NE	LH	HD	EX	HY	JT	LL	NY	YR
XR	HF	LD	LT	EX	JA	JT	LL	NZ	YX
NU	LL	LZ	JW	EX	JA	JT	LL	PB	ET
HD	ES	HB	NU	EY	JD	JT	LN	PB	EY
PG	PD	LQ	LU	EY	JF	JT	LQ	PD	LJ
AF	LZ	JE	NY	FR	JH	JU	LR	PF	LT
JT	LS	PM	AF	HA	JH	JU	LS	PG	NJ
NB	YX	JX	AF	HD	JH	JU	LT	PR	NJ
EX	LQ	NU	BA	HD	JH	JU	LT	US	HH
ND	EX	JN	CP	HD	JJ	JU	LT	US	LP
YZ	HX	HQ	EH	HD	JJ	JU	LU	XL	
NJ	JL	LT	EP	HF	JL	JU	LY	XP	
JU	YP	YR	ES	HF	JL	JW	LY	XP	
ES	JT	LQ	ES	HF	JL	JW	ND	XP	
YX	AB	JF	ET	HG	JL	JX	NJ	XP	
LQ	JT	NU	ET	HG	JL	JX	NP	XR	
ES	JJ	JW	ET	HH	JL	JY	NP	XS	
JW	HA	JY	ET	HJ	JL	JZ	NP	XU	

NO

LB

JY

JY

JY

NJ

ET

ES

NF

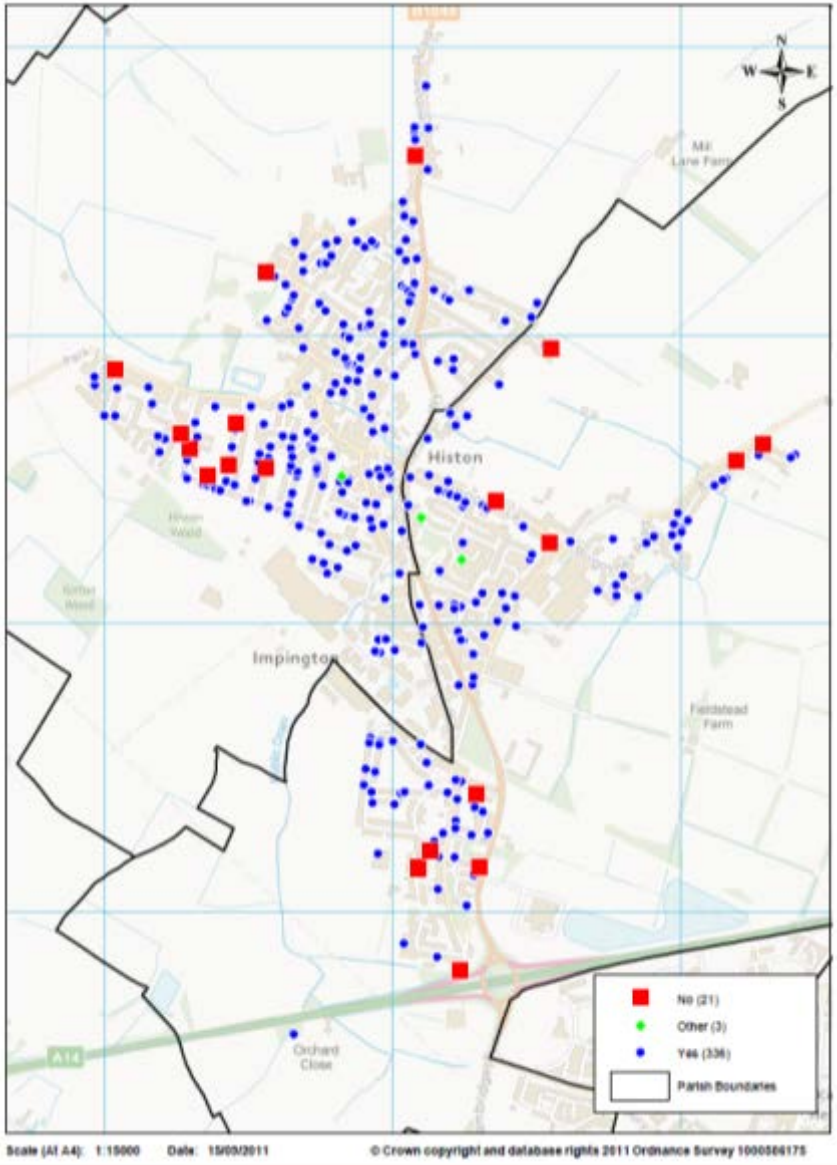
LB

ET

EZ

LT

OR Grouping Consultation results



The Public Sector Mapping Agreement

What is the PSMA?

- 10 year, Crown to Crown agreement to provide **free at the point of use** for the public sector to Ordnance Survey's 10 most detailed products

- Runs to March 2021

- Sits alongside the OS OpenData agreement giving access to a further 11 products

What does it give you?

- Free access
- Electronic maps & addressing data*
- Free to use for your core business/public task
- Data (GI) sharing with Councils, Central Government bodies - *if they are willing*

* This is enabled in part through the PAF Public Sector Licence with Royal Mail

MiniScale®

1:250 000 Scale Colour Raster

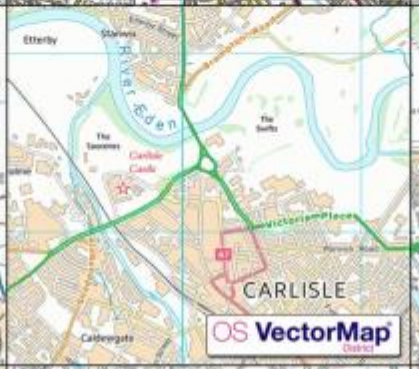
1:50 000 Scale Colour Raster

1:25 000 Scale Colour Raster

OS Street View®

Strategi®

Meridian™ 2

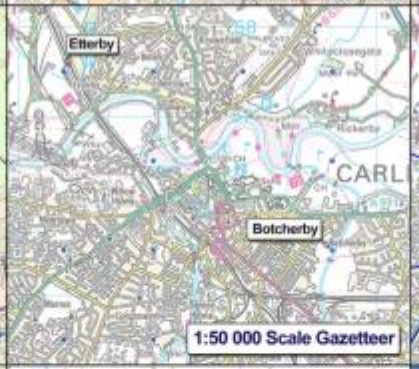

OS VectorMap®

OS VectorMap®

OS MasterMap®

AddressBase®
AddressBase® Plus
AddressBase® Premium

OS MasterMap®


1:50 000 Scale Gazetteer

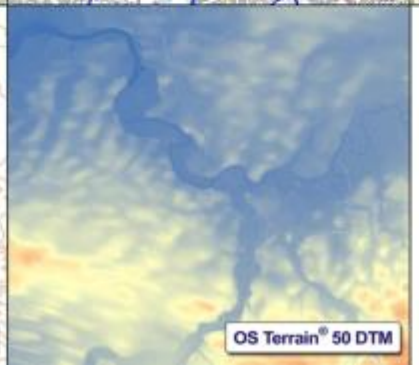
Boundary-Line™

OS Locator™

Code-Point®

Code-Point® with polygons

OS Terrain® 50 Contours


OS Terrain® 50 DTM

PSMA

The tools - software solutions

Specifically for Local Councils

- Parish Online (is.gd/Onb6Uo)
- Pear Technology (is.gd/pXT22u)

Free/Open Source

- QGIS (http://bit.ly/1tfIkSD)
- Cadcorp Map Express (http://bit.ly/15KqWv9)

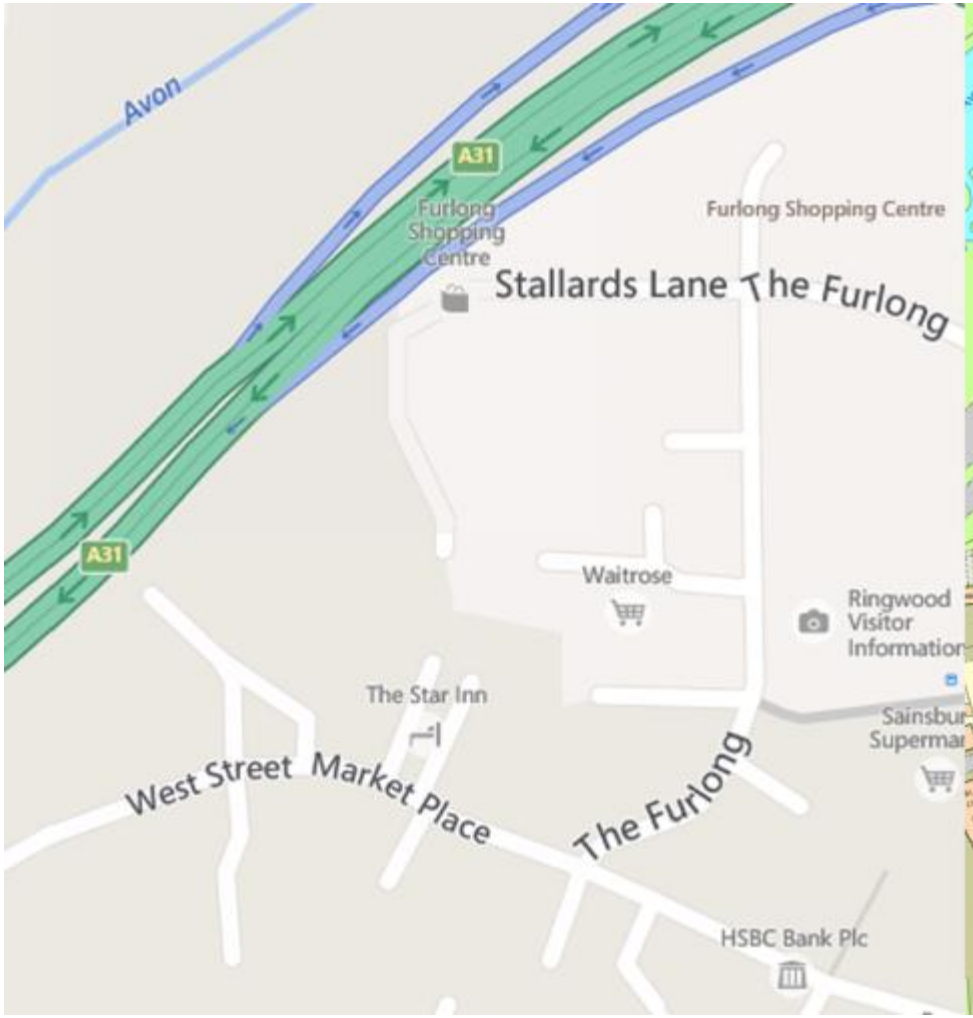
On your PC already?

- MS Office
- Photo packages such as Photoshop, Paintshop Pro, etc.

Commercial general purpose

- ESRI ArcGIS (http://www.esri.com/)
- Pitney Bowes MapInfo (http://www.mapinfo.com/)
- Cadcorp (http://www.cadcorp.com/)
- *lots* of others

Why do I need it, there are plenty of maps on the internet!



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Summary

- Maps are a powerful and effective way of showing information, of communicating place
- With real use to, and being used by, Local Councils (see the OS case studies - is.gd/5tiW4q)
- Quality, definitive, map data from Ordnance Survey is available, for free, through the PSMA
- The software to use that data is easily available, and can be low cost (or even free)
- **We no longer use handwritten minutes - so why use hand drawn maps?**

QUESTION
ANSWER

Thank you!

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