Life without GIS

Paul Wake, GIS Analyst

delivering promises, improving lives
What WDH does in one day…

8 people helped to get online

We install adaptations in 7 properties

We attend more than 4 cases of falls through Care Link

172 same day repairs completed

We fill 7 void properties

We improve 6 properties

1 property is acquired or built

Care Link receive 912 alarm calls

2 wellbeing referrals received for support

Community Employment Advisors help 1 tenant back into work

We take 3 new Cash Wise customer and make 8 face to face visits

16 tenants supported following antisocial behaviour

We deal with over 1,000 calls relating to support and mental health issues

We have 356 digital interactions with our tenants
Life without GIS
A map is worth 1000 spreadsheets
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GIS benefits:
• save time,
• make use of data,
• provide greater understanding.

GIS techniques:
• overlay data,
• link systems.
“Knowing where things are, and why, is essential to rational decision making”

– Jack Dangermond
Essential to rational decision making
GIS benefits:
• simple and effective analysis,
• support decisions,
• free and open source.

GIS techniques:
• geocoding,
• aggregating data.
select
ADDRESS,
POSTCODE_LOCATOR,
CLASSIFICATION,
X_COORDINATE,
Y_COORDINATE
from
AddressBasePlus
where ADMINISTRATIVE_AREA = 'wakefield'
and ADDRESSBASE_POSTAL = 'd'
and CLASSIFICATION like 'r%'

Acquisitive crime reported in Portobello estate in the 12 months from August 2015 to July 2016

- Burglary
- Other theft
- Robbery
- Theft from the person
- Vehicle crime
Concluding remarks

• GIS brings unique tools and techniques that can be applied to many problems.
• Benefits can be realised at any level of investment.
• GIS can give a universal view of business data and provide real insight.
Any questions