

# Leveraging the Data Revolution – a UK perspective

Third High Level Forum on UN-GGIM, Session 4



Peter ter Haar

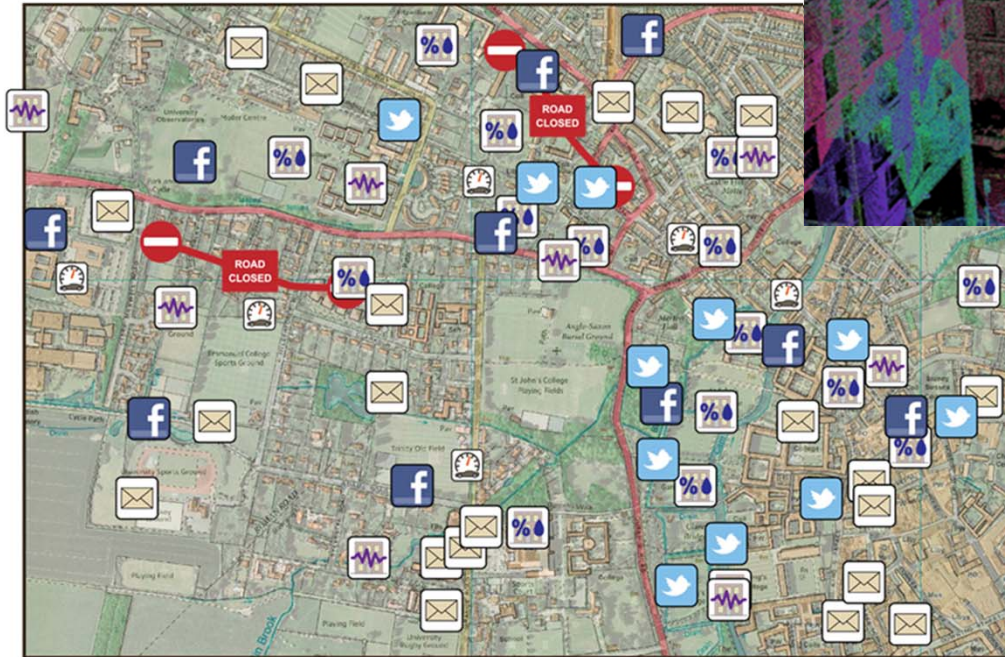
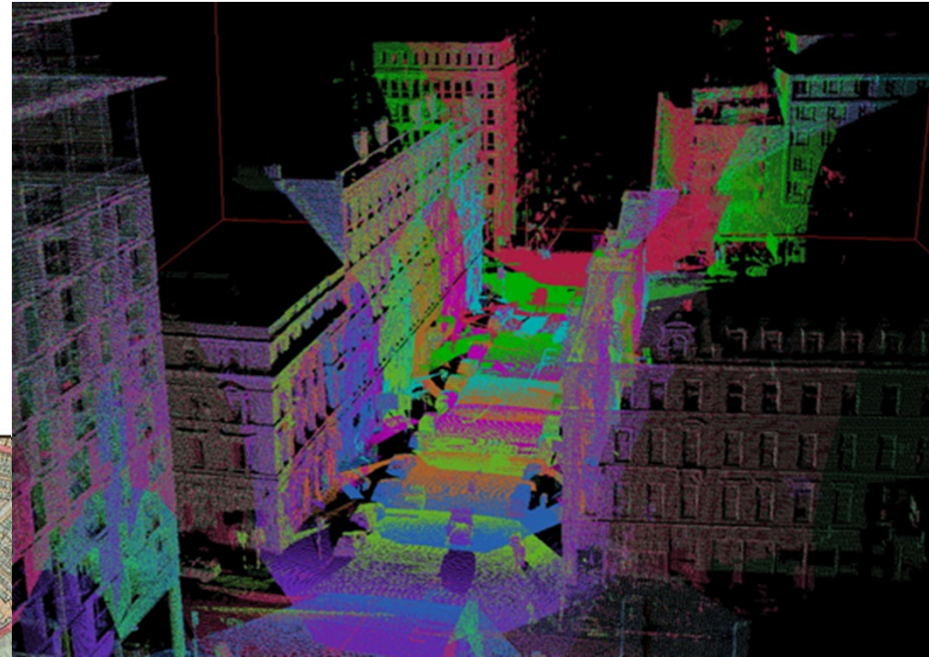
Director of Products and Innovation, Ordnance  
Survey

24 October 2014



# Sources

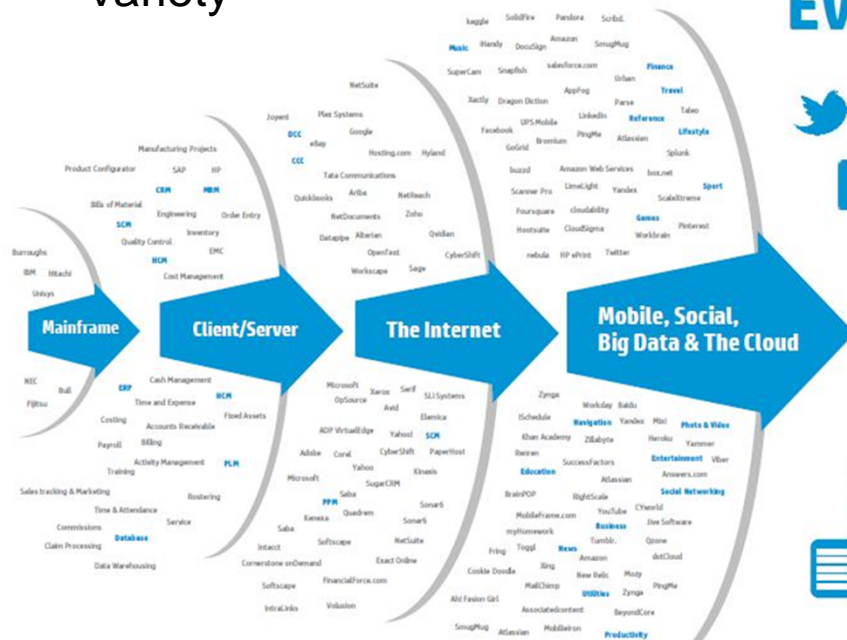
- Sensors
- Crowds










OpenStreetMap

# Quantity

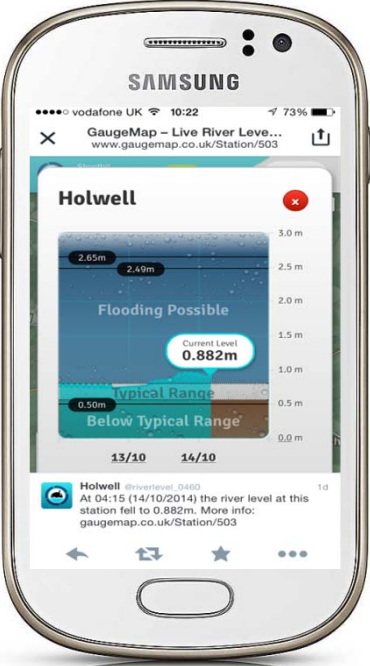
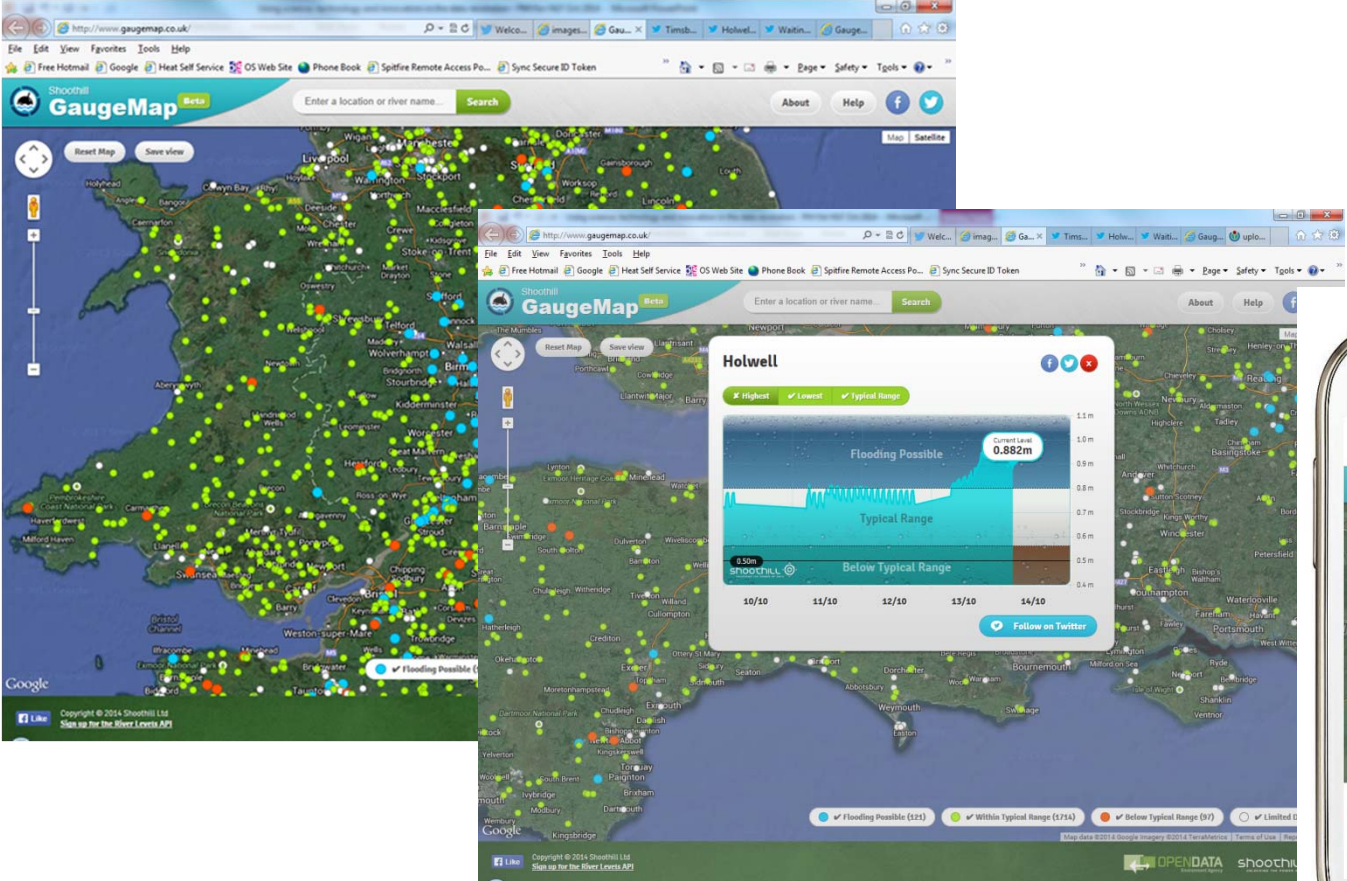
- Volume
- Velocity
- Veracity
- Variety



## Every 60 seconds

-  **98,000+** tweets
-  **695,000** status updates
-  **11 million** instant messages
-  **698,445** Google searches
-  **168 million+** emails sent
-  **1,820TB** of data created
-  **217** new mobile web users

# Ubiquity



# Linkability

**ResilienceDirect** Graham Dunlop ▾

Map Data Gallery

Layers + Add... Save New Map Publish Print

**Exercise Conder**

- Cordon ▾
- plume ▾
- Site\_Boundary ▾
- sector lines/Sectors\_Lines ▾
- MonitoringPoints ▾

Search

Map features: Scale bar (500m / 1000ft), North arrow, Information icon, Search bar.

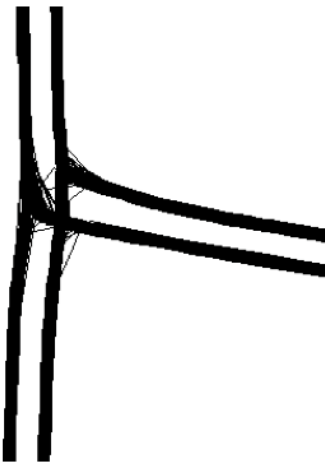
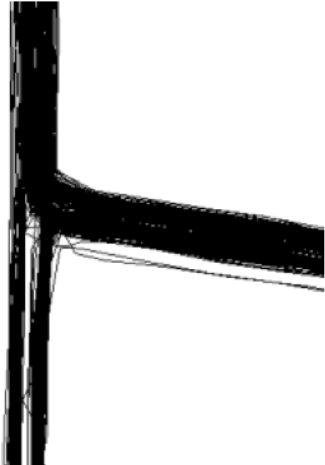
Map content: A map of Heysham, Lancashire, showing a red plume model extending from the coast towards the east. A circular diagram with 12 sectors (A-M) is overlaid on the map, with monitoring points marked as red dots. A red arrow points to the plume with the text "Wind speed 15 knots".

Position at map centre:  
Eastings: 341609 Northings: 459985

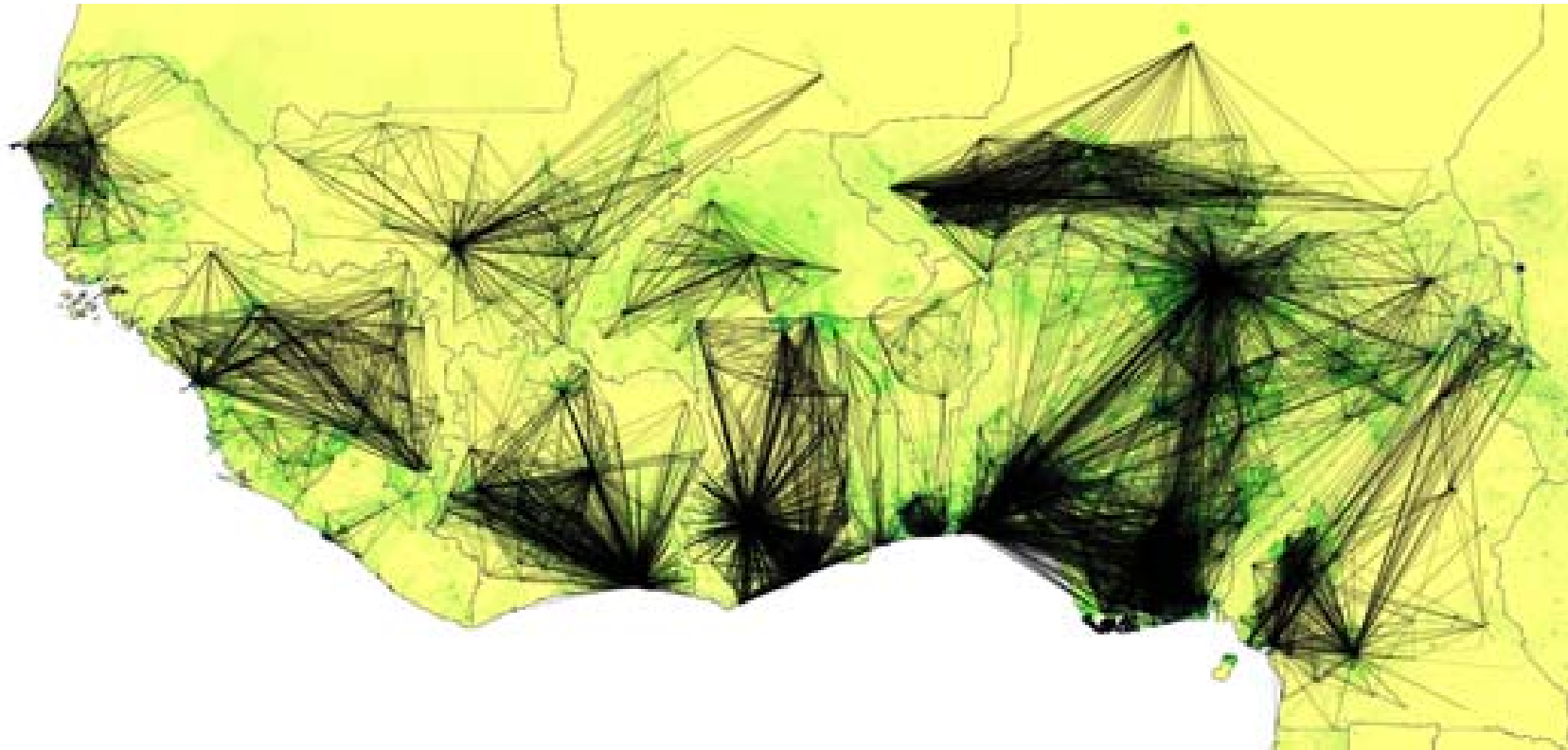
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Ordnance Survey (licence number 100038200).  
Mapping to be used solely for preparing for and responding to emergencies.



# Example: Nokia



## Example: Predicting the Spread of Ebola

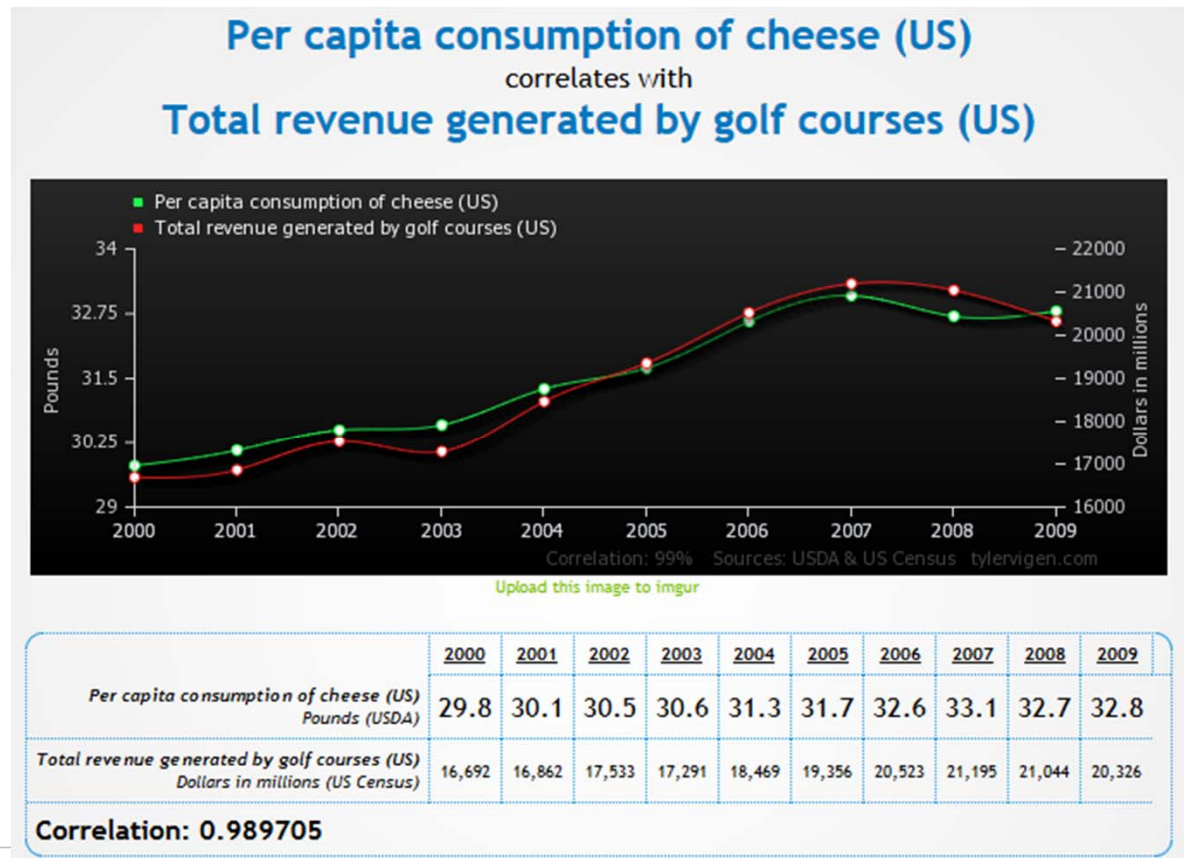


Credit: Image courtesy of Flowminder.org




# Challenges

- Privacy, data rights and data security
- Knowledge and Skills



# Help is on it's way?

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## Data revolution advisory group named by UN Secretary-General



Secretary-General Ban Ki-moon. UN Photo/Paulo Filgueiras (file)

29 August 2014 – Secretary-General Ban Ki-moon named an Independent Expert Advisory Group on the Data Revolution for Sustainable Development to provide him with inputs to shape “an ambitious and achievable vision” for a future development agenda beyond 2015 to

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### In-depth Interviews



Phumzile Mlambo-Ngcuka, Executive Director of UN Women



Gyan Chandra Acharya, Under-Secretary-General and High Representative for the UDCs, UDCs

Thank you

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