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# What's Happening in the Community?

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**EPSRC**

Engineering and Physical Sciences  
Research Council

<http://www.power-networks-cdt.manchester.ac.uk/>

# Who am I?

Matt Sanderson

Ex-offshore surveyor and project manager

Resident Yorkshireman in Barrow in Furness

1993: BSc (Hons) Surveying and Mapping at Uni. of East London

2001: MSc EIA & Environmental Management, Uni. of. East Anglia

2017: MSc Spatial Planning, University of Manchester.

Trustee and vice-chair of Art Gene, a regional community arts company,  
Treasurer of the Barrow and Furness Coastal Community Team, and  
Director of the Carbon Co-op, based here in Manchester.

# Big Data & Communities

Data everywhere:

- Census
- Voting, polling
- Purchasing patterns
- Commuting and daily travel
- Mobile phones, internet
- Rents, mortgages
- Holidays, tourism, leisure, sports
- &c., &c., &c.

**BUT WHAT ARE PEOPLE ACTUALLY SAYING?**

# PhD Project Introduction

- Foundations in the work of Dr Joanne Tippett, creator of Ketso®
- What's going on in the community?
- What engagement is taking place?
- How's it happening?
- Who's doing it?
- Can we make it better – for all parties in the process?
- Co-benefits, co-operation, and maybe even co-production!

# Research Questions

## The big question...

- *Can existing, community engagement from a variety of sectors inform future engagement ~~for power network planning?~~*

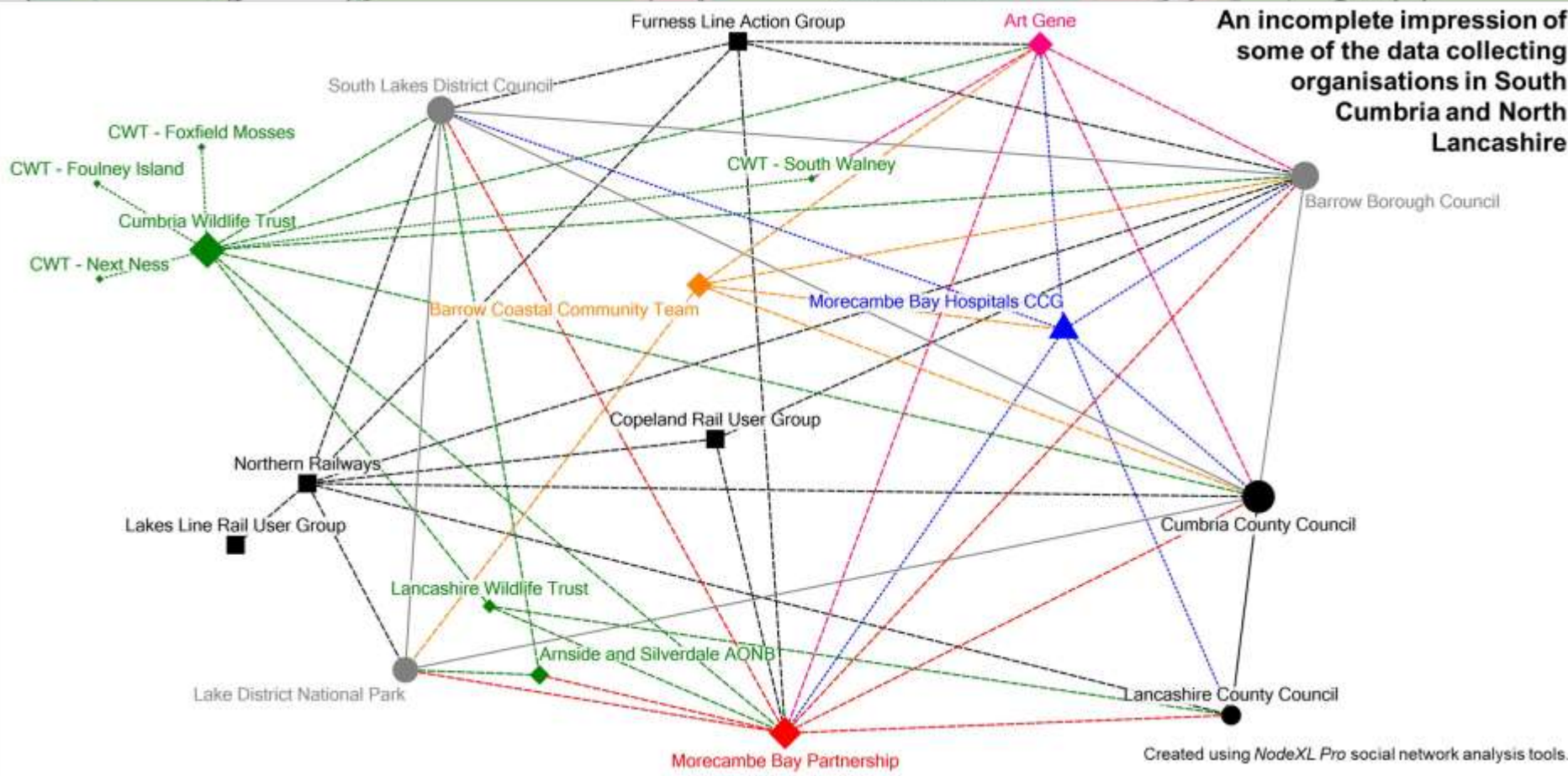
## Breaking it down...

- *What engagement is taking place?*
- *What are the objectives, outputs and outcomes of existing engagement?*
- *Can existing engagement reveal community perceptions of the landscape and/or the impact of power networks on the landscape?*
- *How can existing/future engagement be improved to allow use across multiple sectors and over time?*





**An incomplete impression of some of the data collecting organisations in South Cumbria and North Lancashire**



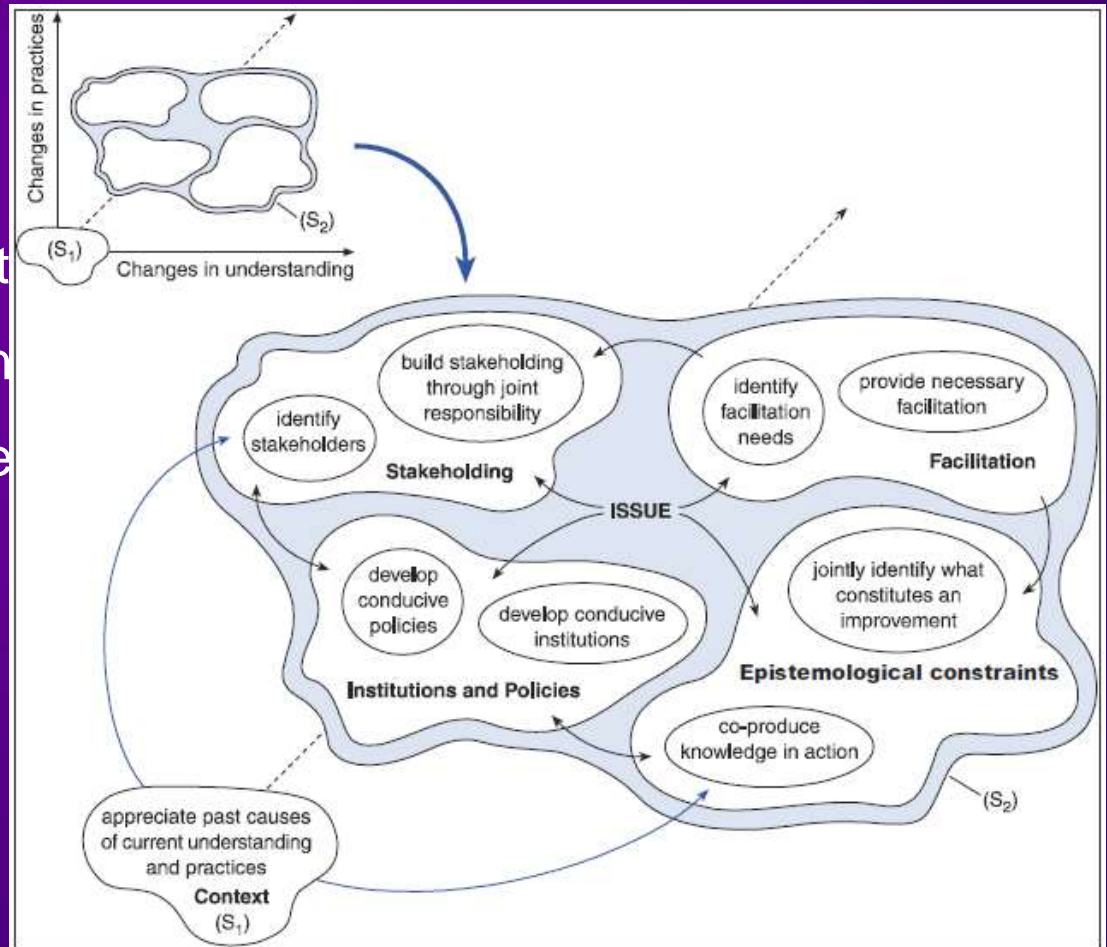
Created using NodeXL Pro social network analysis tools.

- Counties
- Barrow and Furness Coastal Community Team
- Morecambe Bay Partnership
- Significant built up areas
- Morecambe Bay Hospitals Trust CCG



# Planning Relevance

- Duty to engage.
- Increasing community int
- Scarce resource and con
- More complex and challe



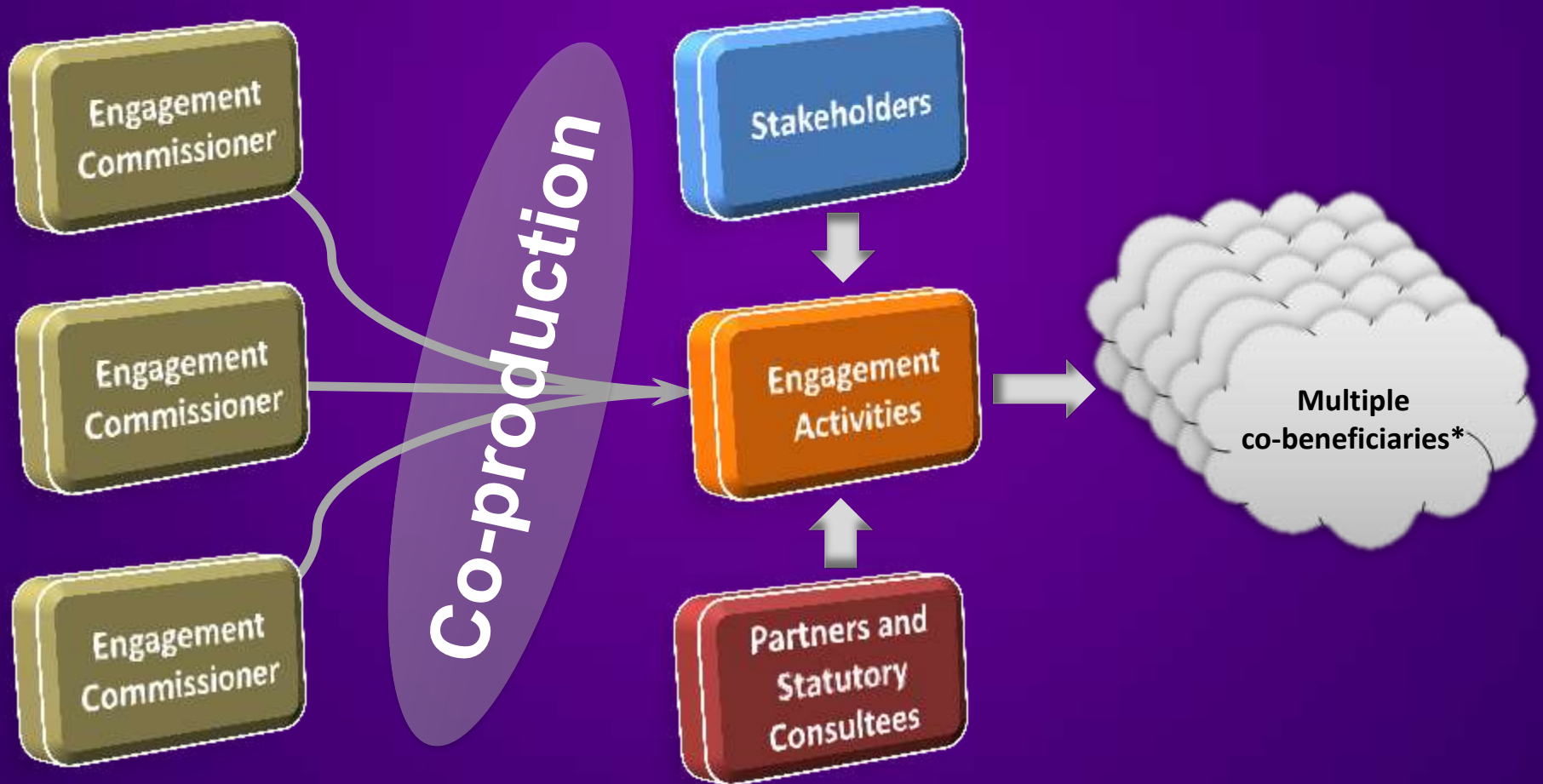
# Research Methodology

- Interviews with engagement commissioners and practitioners.
- Mapping and discourse analysis of the outcomes (& outputs if available) of engagement processes within scope of power network.
- Comparing assessment of engagement processes with engagement undertaken for Moorside project.
- Validating findings through community focus groups.

Ultimate aim, though probably not possible during PhD is to consider the multiple perceptions that communities present, and spatially analyse those perceptions using a qualitative form of point-cloud processing.

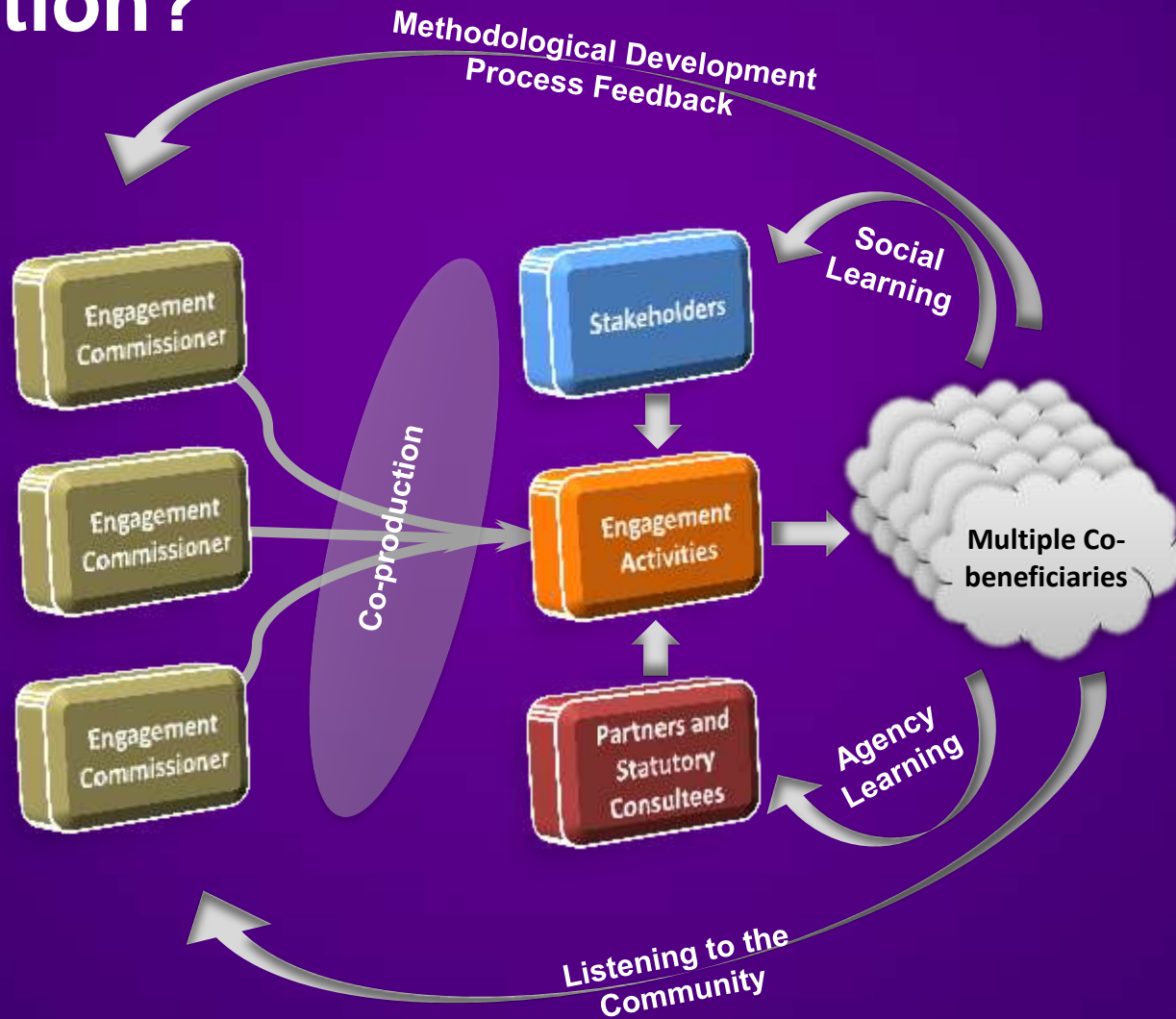


# Co-production



\* including engagement commissioners

# Aspiration?





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# Thank you for listening

# Are there any questions?



# Bibliography

## Select reading list

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