

# Using Disruption as an Opportunity to Change Travel Practices

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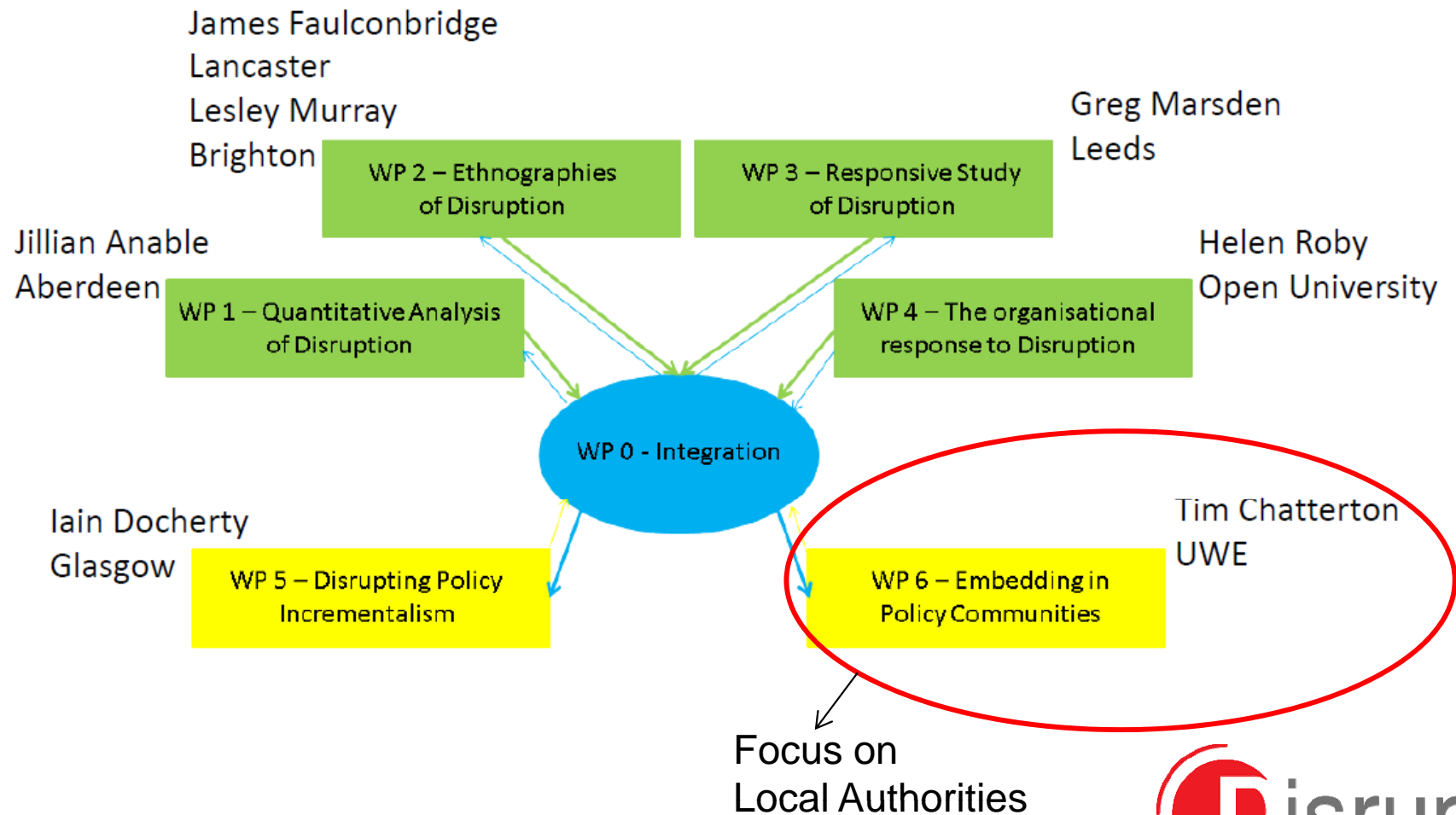
**1<sup>st</sup> International Conference on Urban Sustainability and  
Resilience, UCL**

# Presentation

- Disruption Project Overview
- Using Disruption to Change Travel Practices
- Local Authority (LA) Management of Disruption
- Influencing Travel Practices at Societal Level
- Case Study 1 – Workington 2009/10
- Case Study 2 – Bristol 2010/11
- Summary

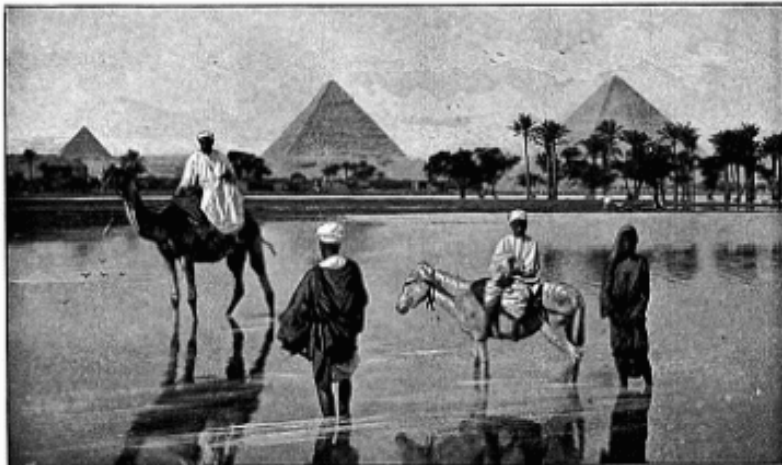
# Disruption Project Overview

3 year RCUK Energy Programme funded project



# Using Disruption to Change Travel Practices

- Disruption seen as a negative aspect of life
- Delay, damage and destruction
- Also gives opportunity for change



# Using Disruption to Change Travel Practices

Changing the way we travel at a societal level



Changing the way we use space



# LA Management of Disruption

## Winter Maintenance



# LA Management of Disruption

## Flooding and Flood Risk





# LA Management of Disruption

## Asset Management



# LA Management of Disruption

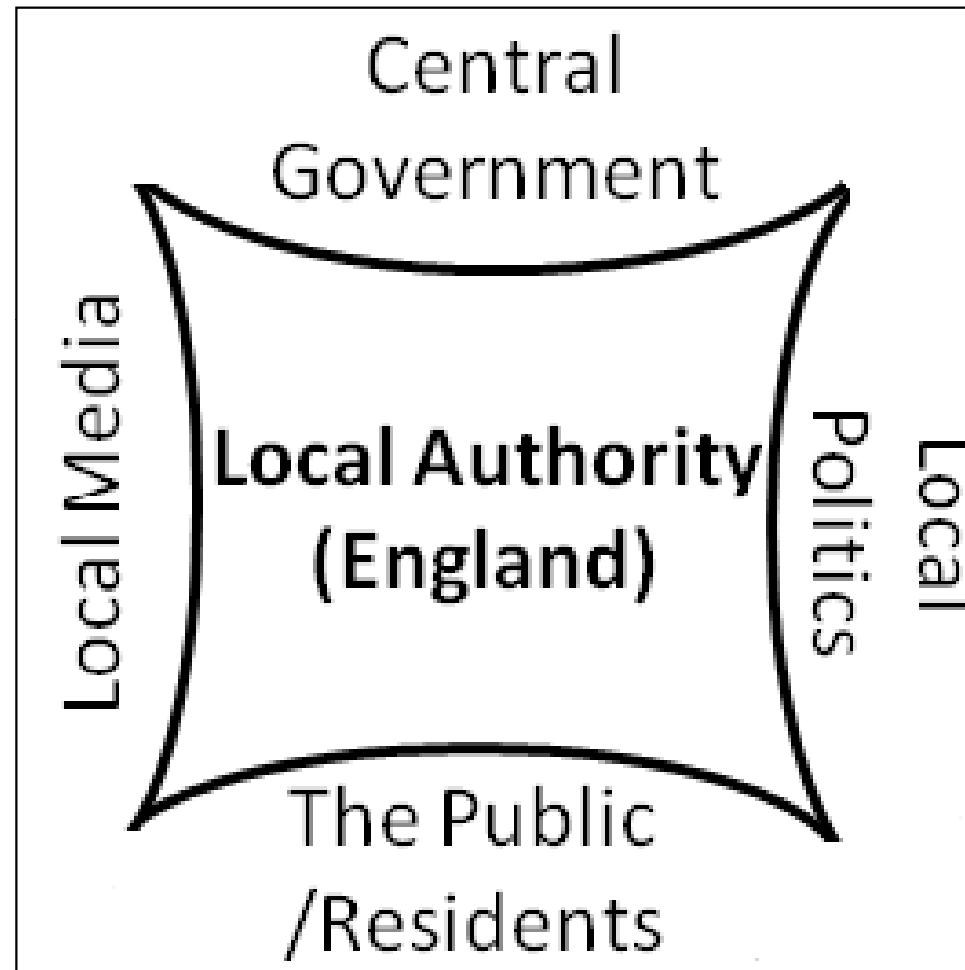
## Planned Works/ Statutory Undertakings



<http://youtu.be/R0bDTpm5xjg>

# LTA Management of Disruption

## External Pressures



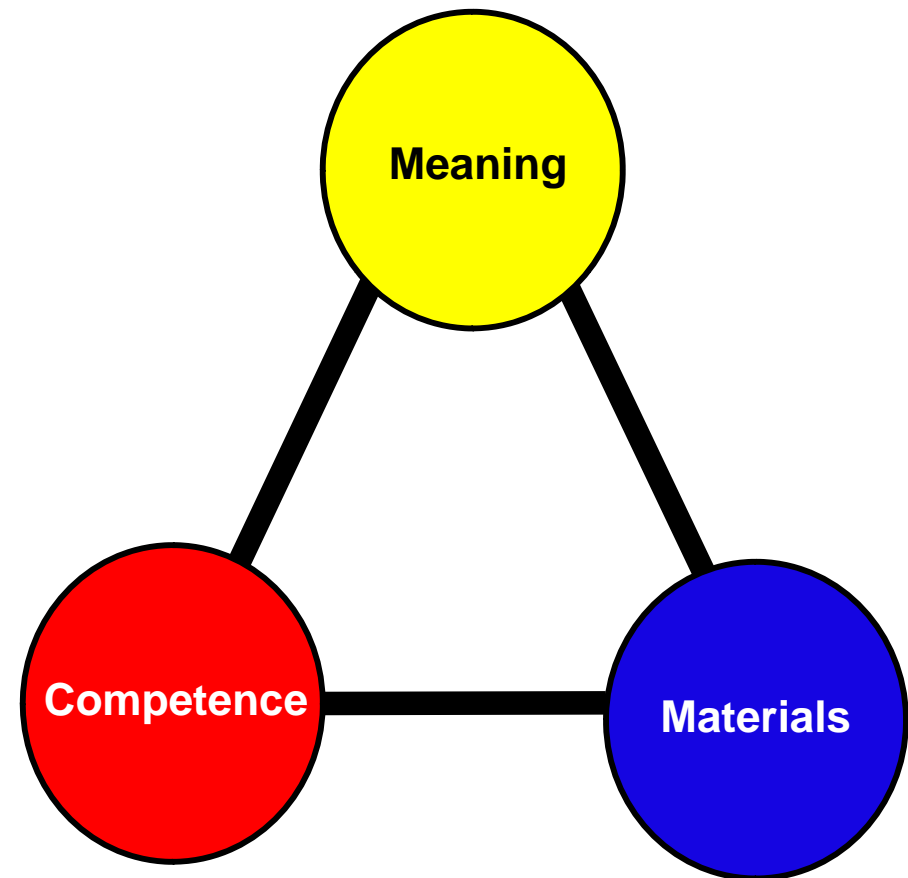
# Influencing Travel Practices

- Experience of Changing Practices – Recycling
- Local Sustainable Transport Fund
- Focus on the individual



# Influencing Travel Practices

- Social Practice – Three Elements Model
- **Materials** – highways, infrastructure
- **Competence** –public transport, walking and cycling training
- **Meaning** – 20mph, Traffic Regulation Orders



# Case Study 1 – Workington 2009/10

- 19 November 2009  
significant flooding event
- Damage to 4 of the 5 river  
crossing points
- 18 mile detour to nearest  
road crossing



# Case Study 1 – Workington 2009/10



- New footbridge installed
- Free of charge temporary railway station
- Temporary changes to the way people travelled

# Case Study 1 – Workington 2009/10

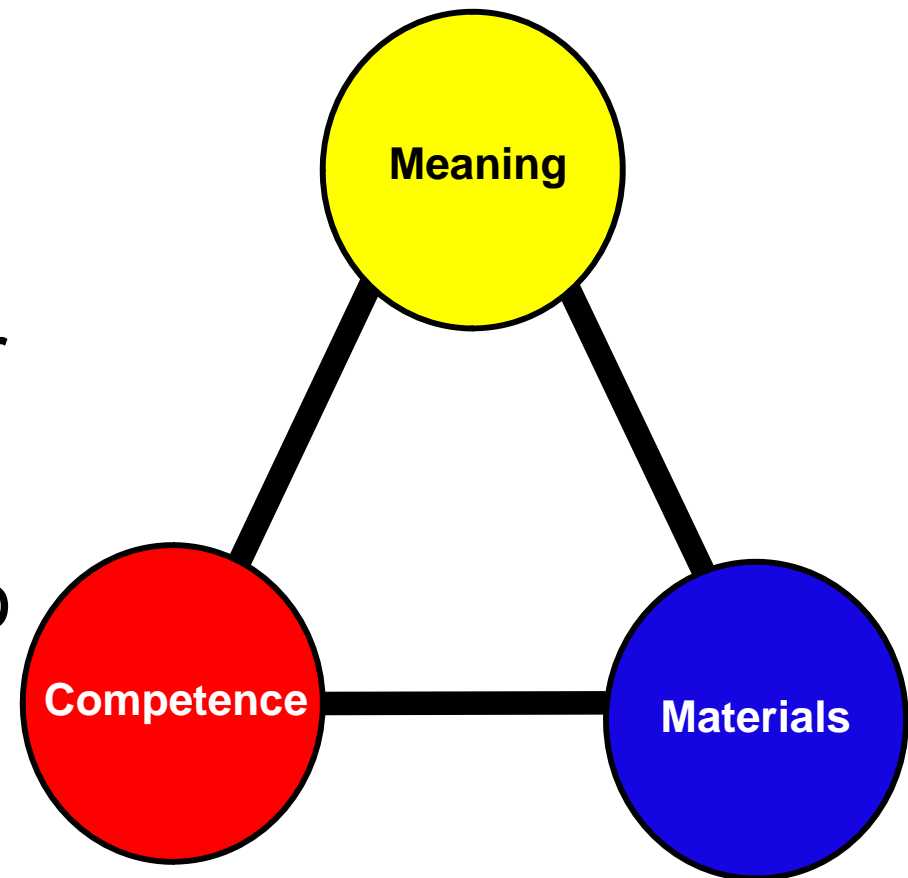


Transport Network Returned to Pre-event  
Conditions



# Case Study 1 – Workington 2009/10

- **Materials** – Loss of road crossings
- **Competence** – navigate new routes or new modes
- **Meaning** – Distance to travel by car, reasons for travelling



# Case Study 2 – Bristol 2010/11

- Closure of commuter route to Clifton, Bristol
- £2.7m scheme to secure land to protect road below
- Changes to traffic movements in Bristol



# Case Study 2 – Bristol 2010/11

*“Every morning it is a nightmare getting down through Hotwells.”*

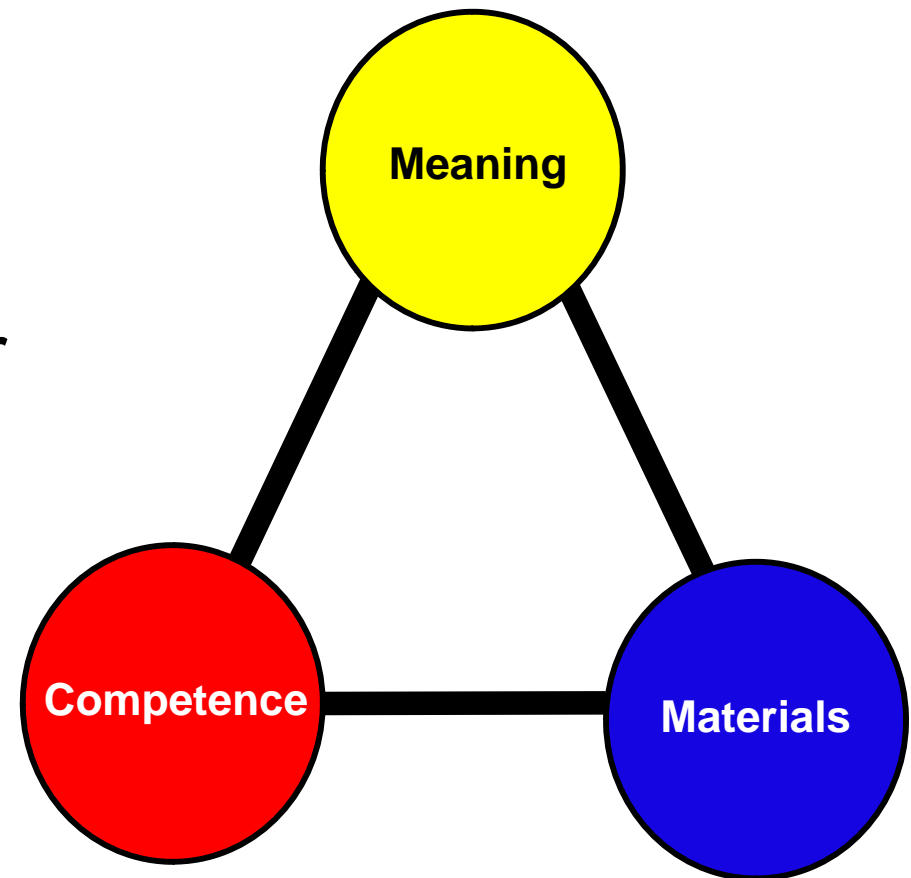
**Philip Lansdown, Founder of Hargreaves Lansdown Financial Services Providers (and Clifton Resident)**

*“The council is gently warning motorists who have been enjoying the delights of a free flowing Portway that the party is - sadly – over.”*

**Councillor Tim Kent, executive member for transport, Bristol City Council**

# Case Study 2 – Bristol 2010/11

- **Materials** – Closure of Bridge Valley Road
- **Competence** – navigate new routes or new modes
- **Meaning** – Speed of travel on the A4 Portway



# Summary

- Disruption provides the opportunity for change
- Current disruption management processes at local authority level need to identify and act on these opportunities
- Long term change at the societal rather than the individual level
- Evidence suggests opportunities for change are missed in current system
- Local Authorities already have the skills and opportunity to move the UK towards a low carbon economy.

# The End

More information available at

<http://www.disruptionproject.net/>

## ACKNOWLEDGEMENTS

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