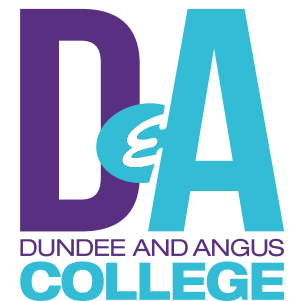


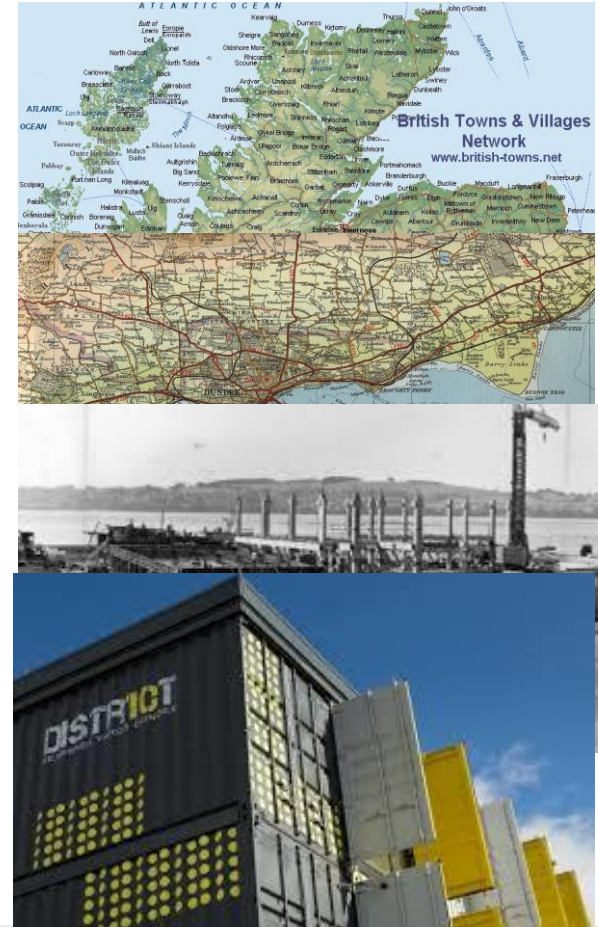
Replication Cluster kick-off event 27th May 2015, Bolzano

Richard Faint
Project Leader (International)



Dundee's Profile

- Scotland's 4th largest city – pop. 145,000 (600,000 live within 1 hour)
- Industrial history – 3 'J's (Jam, Jute and Journalism)
- 'City of Discovery' – high tech (games, biomed)
- Universities – Dundee and Abertay, D&A College
- Sunniest city in Scotland?



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Profile

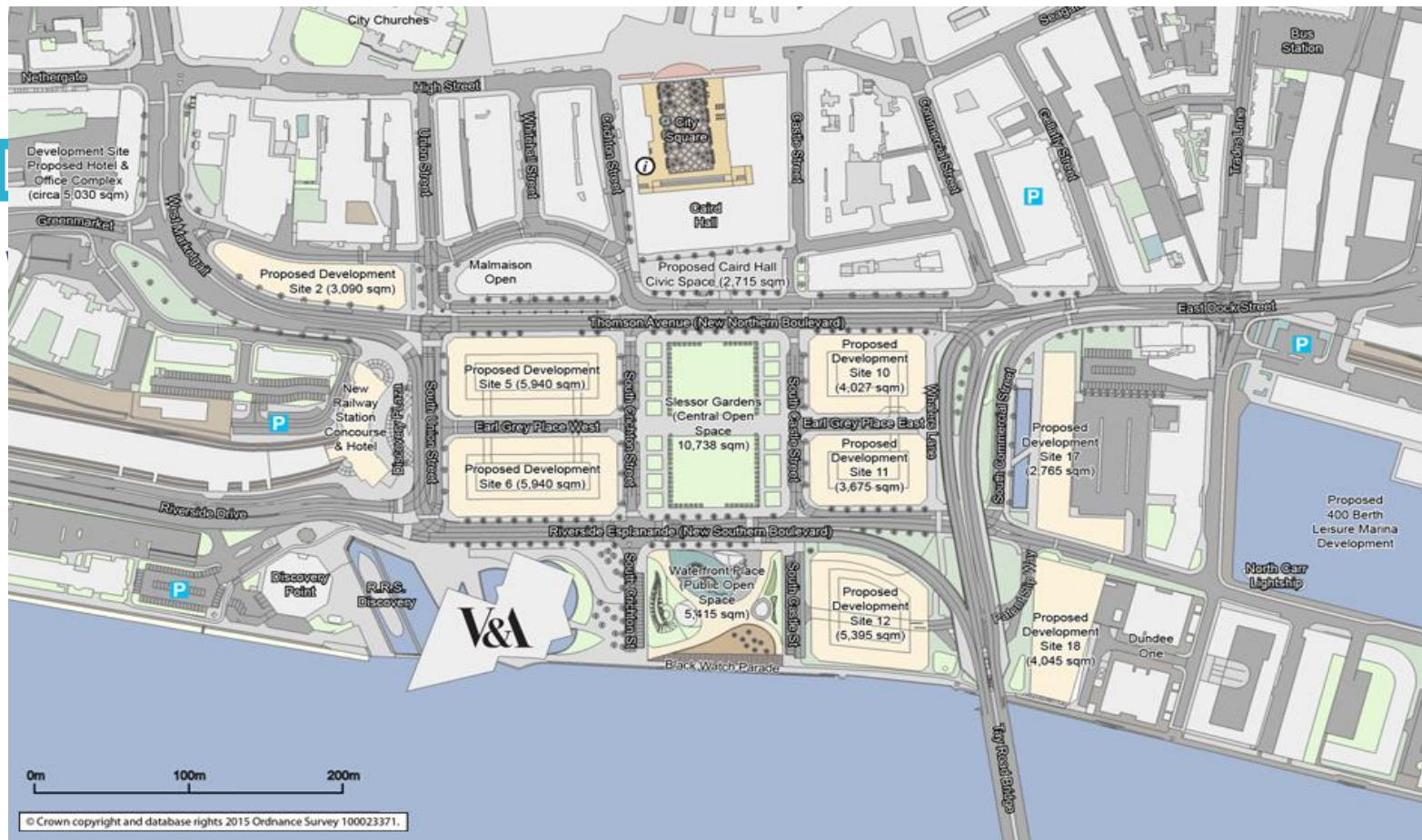
Waterfront Development

- On River Tay - part of a 30 year master plan,
- Ranked as the UK's 3rd most active regeneration project

(Planning Magazine, April 2013).



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The Waterfront will be required to meet the BREEAM (Building Research Established Environmental Assessment Method)

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Waterfront Project

- Four football pitches or 95 tennis courts
- Creating new civic spaces
- Featuring the V&A Design Museum
- Also the 'Discovery'



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Waterfront Project

V&A Museum of Design

- £80m +
- Architect - Kengo Kuma
- 500 Construction Jobs
- 600 FT jobs when opened in 2018



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Dundee Strategy for Energy Efficiency

Scottish Government - 12% reduction in energy consumption by 2020

- Local Development Plan
- Aging population
- 4th largest deprived area (25%)
- 'Sub-urbanisation'
- 71K households in Dundee

(50.6K private, 13.1K council stock and 8.4K housing association units)



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Dundee Strategy for Energy Efficiency

- Local Development Plan
- Council investing £140m to ensure stock meets Scottish Quality Housing Standard
- Energy saving projects with eg Scottish Gas
- Home insulation projects
- 'Homes that don't cost the earth'



Dundee Strategy for Energy Efficiency

Resource Efficiency

- **Reductions in CO2** emissions from 7.2 to 6.6 tonnes per capita 2008-12
- **Zero Waste Scotland** – projects reduced waste in building by lean thinking
- Dundee has **best recycling rate** of any Scottish City – 40.1% and reduced landfill by 28% over two years
- **Food recycling** trial – 2,800 properties in ten areas

 **recycle** for Dundee



Dundee Strategy for Energy Efficiency

Education

- EU funds - Interreg and NSR, Erasmus + Mobilities etc
- Wider concept - Sustainable Cities
- Recycling (eg Anaerobic Digestion)
- Hydrogen as a transport fuel
- Improving innovation processes
(bringing producers, consumers and policy makers together)



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Dundee Strategy for Energy Efficiency

Main Challenges

- Meeting **Government targets** on Climate change and energy efficiency
- Backdrop of **tight budgets**
- Need for cross partnership working with **private sector**
- Maximise for the local area the **investment** in green technologies
- Maximise the opportunities created by **waterfront** in developing skills
- Create a sustainable city by **working across** building and related environmental projects
- Involving **education and training sector** in project for maximum sustainability



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Dundee

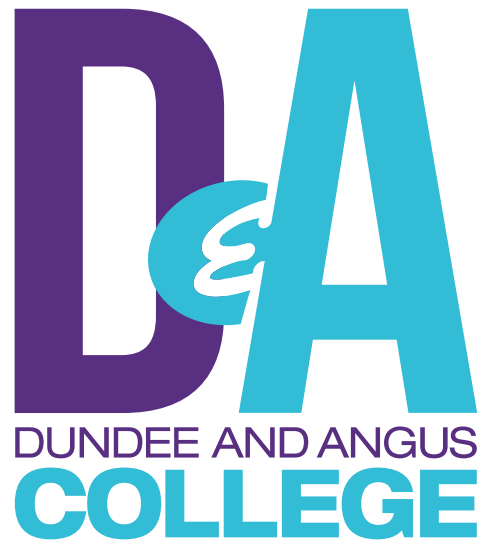
Expectations from the Replication Cluster?

- Learn what other cities are doing
- Exchange ideas and best practice
- Create partnerships with other cities for future bids
- Assist in Dundee becoming a leading player in education for development



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