

Manchester: Knowledge Capital
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Manchester Knowledge Capital – A
Case Study in Transformation

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Visions into Reality – The Manchester Model (1)

The Original Modern City:

Transformation 1: market town to industrial world city (1700-1900)

- 1729 First trading exchange for cotton
- 1763- 1885 – become an inland port through canal development (first PPP)
- 1801-1851- population increased 4 fold
 - *Value 1 – public sector models for UK*
- 1819 Peterloo Massacre
 - *Value 2 – free trade*
- Support abolition of slavery despite cotton trade
 - *Value 3 – equity and fairness*
- 1823 The Royal Manchester Institution (Art Gallery)
 - *Value 4 – art and industry side by side*
- 1851 - Owens College – University of Manchester
- 1868 – first TUC meeting
- 1888 – first professional football League
 - *Value 5 – social inclusion*

Visions into Reality – The Manchester Model (2)

The Original Modern City:

Transformation 2: de-industrial city to knowledge capital (1900 -2015)

- 1950 evident industrial decline**
- 1951-1981 inner city lost 50% inhabitants**
- 1961-1983 lost 150,000 manufacturing job**
- 1990 – unemployment at 17.5%**
- 1992 - Hulme Regeneration (PPP)**
- 1994 – City Pride Prospectus**
- 1995 – Successful Commonwealth Games Bid**
- 1996 – IRA Bomb devastated city centre**
- 1990's**
 - New East Manchester**
 - Spinningfields**
 - Cultural Strategy**
 - Hacienda Club and Factory Records**
- 2002 – Commonwealth Games – Sportcity**
- 2003 – Knowledge Capital Prospectus launched**

Intellectual Capital for a City – Manchester's Pillars

•Values

- Self - help
- Enterprise
- Equity and Fairness
- Social Inclusion

•Social Capital

- Partnerships
- Balancing the bonding and the bridging capital
- Long term leadership

•Path Dependency

- Historical economics
- The original modern city

•Renewal

- Regeneration
- Future vision
- Sigmoid Curve

Manchester: Knowledge Capital Vision

“ A prosperous city-region that is economically successful, socially inclusive and sustainable;

Manchester will be globally recognised for its ongoing achievements in knowledge, innovation, culture and enterprise”

Manchester 2015

- GVA per capita ahead of UK average
- Creation of over 100,000 jobs

- Another 100 University Spin-out companies
- Research Income from grant and contract sources doubled

- GCSE passes in “science” subjects ahead of UK average
- “Brain Gain” through net attraction of knowledge workers

Vision through Objectives

To improve Manchester's future prosperity by focusing on action on:

- Increasing innovation from research, science and knowledge;
- Benefiting the people of Manchester through their active engagement in employment, education and training;
- Creating the environment for knowledge-intensive business success, quality of life and openness to all;

By championing, testing and promoting new ideas and new ways of living and working.

A Partnership Approach

Manchester: Knowledge Capital is a partnership initiative made up of:

- **Industry Leaders**
- **Ten Local Authorities**
- **North West Regional Development Agency**
- **Higher Education Institutions**
- **NHS Trusts**

A strategic framework for investment and growth in the city-region.

Manchester – Strong Asset Base

- **Academic Excellence**
- **Research Capability**
- **Impressive People**
- **Business Success**
- **Vibrant City**
- **International Gateway**
- **Innovative Partnerships**

Manchester: Knowledge Capital - Three Programmes

•Science City

- Iconic Place
- Innovation Partnerships
- Real World Science
- The Innovation Ecosystem

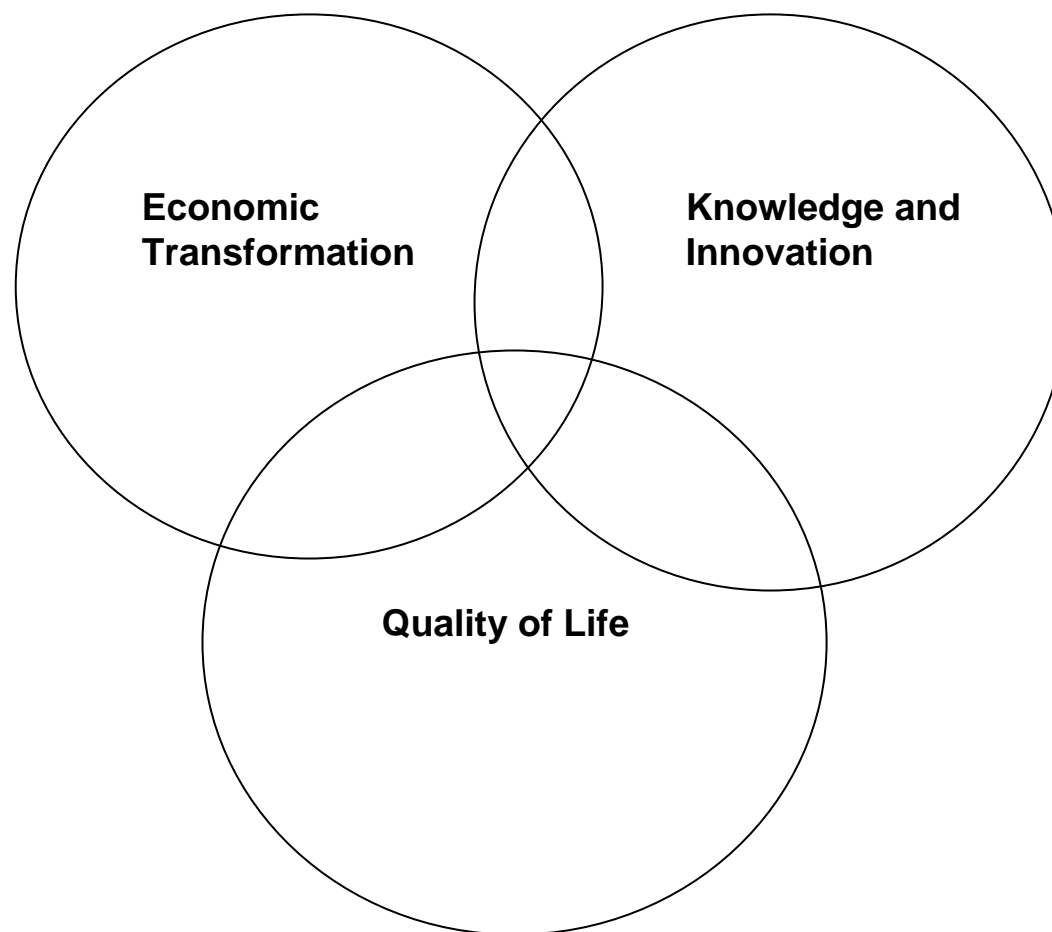
•City Growth Strategy

- Live Music Cluster
- Creative Hubs

•Manchester is My Planet

- Climate change campaign
- Economic development opportunities of new technologies
- Social and economic benefit – energy costs and security; benefit sharing models

Partnership Indicators (1)



Based on Work for M:KC by
PREST/CRIC University of
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Partnership Indicators (2)

Economic Transformation:

- GVA per head
- GVA per hours worked
- GVA by sector
- Jobs created (FT/PT) by sector
- Jobs created (M/F) by sector
- Employment rates
- Unemployment rates
- Stock of VAT registered businesses
- VAT registrations per 10,000 residents by sector
- VAT de-registrations per 10,000 residents by sector
- Business survival rates, % VAT registrations surviving 36 months by sector

Partnership Indicators (3)

Knowledge and Innovation:

- Working age people with no qualifications
- Working age people with Level 3 qualifications
- Economically active working age people with level 4+ qualifications
- Student retention, % students graduating from GM HEI's remaining in GM
- Innovation rates, change in firms reporting active involvement in innovation
- %sales accounted for by new products/processes
- R&D spend as %GVA (regional only)
- Venture Capital provided to Manchester firms

Partnership Indicators (4)

Quality of Life:

- Index of Multiple Deprivation (number of high-scoring wards)
- House prices/housing affordability: house price to income ratio
- Perception of NW/Manchester as good place to live (residents)
- Perception of NW/Manchester as a good place to do business (non-region)

Partnership Indicators (5)

Economic transformation / Innovation intersect:

- International Trade, total number of firms exporting

Economic transformation / quality of life intersect:

- Average (median) weekly wage levels
- Net population in-migration
- Tourism, number of visitors, expenditure in GM

Knowledge and Innovation/ quality of life intersect:

- ICT usage and take-up, households with home access to internet/broadband

New Indicators:

- HEI local economy impact, science, innovation, knowledge intensive services, creative sectors, international connectivity etc

Thank You

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