

City Resilience Index Alison Ball

21st June 2016 | Liverpool



What was the opportunity?

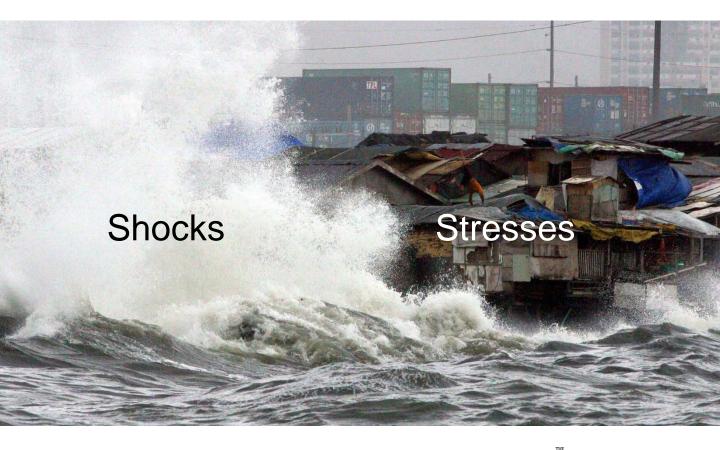
"to articulate urban resilience in an accessible, evidence-based and measurable way that can inform urban planning, practice, and investment patterns"

Opportunity Statement, City Resilience Index February 2013"



What is City Resilience?









Evidence from 20 cities



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Resilience is about the ability of complex systems to function when faced with disruptive circumstances

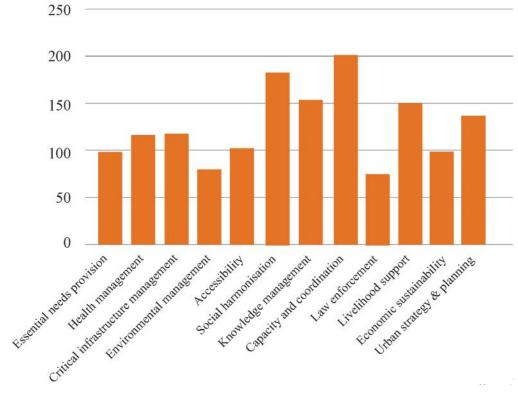


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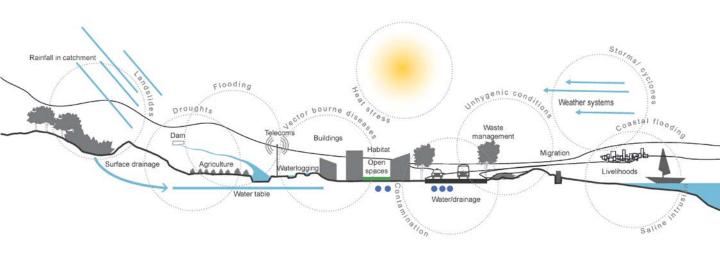
An emphasis on physical assets and safeguards to human life, but other issues are equally important...





Cities are complex

They rely on a complex web of institutions, infrastructure and information





A resilient city survives and thrives no matter what challenges it faces

Resilience is 'the capacity of individuals, communities and systems to survive, adapt, and grow in the face of stress and shocks, and even transform when conditions require it'.

(source: Rockefeller Foundation)

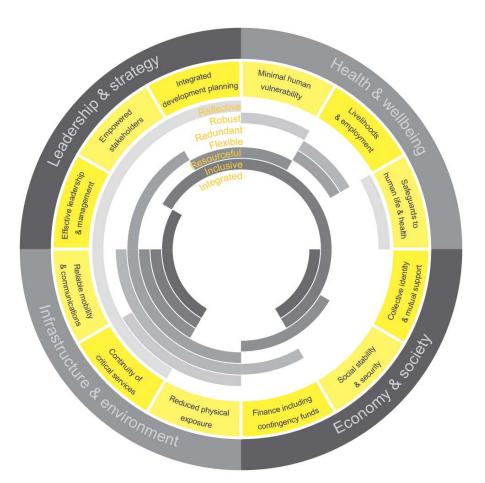




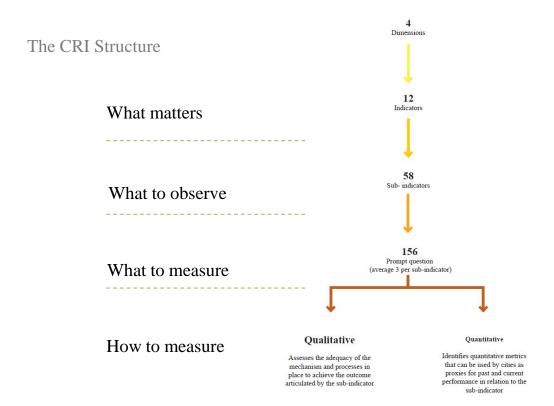
The City Resilience Framework (CRF)





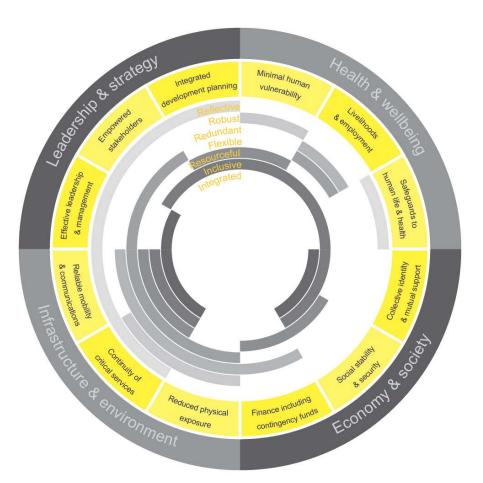




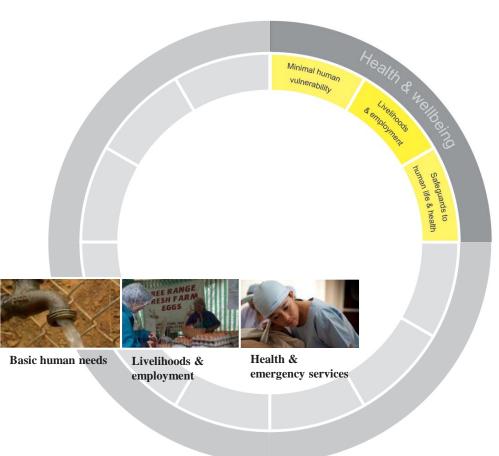






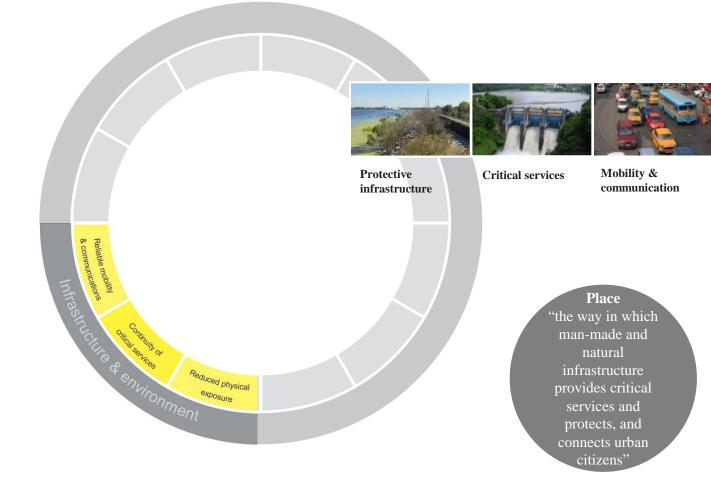






People
"the health and
wellbeing of
everyone living
and working in
the city"













Social stability & security



Finance and funds

Finance including contingency funds contingency funds

Organisation

"the social and financial systems that enable urban populations to live peacefully, and act



Effective leadership & StrateGAA Interduce leadership of Strategraphic of the Strategraphic o

Knowledge

"effective
leadership,
empowered
stakeholders, and
integrated
planning"







Stakeholder empowerment



Development planning

77.00











Liverpool is facing an increasingly diverse range of natural and man-made shocks and stresses, many are complex and difficult to predict.

- **Shocks** such as: terrorist attack, strike, pandemics
- **Stresses** such as: economic deprivation, reduced government funding, health, climate change





Measuring **resilience** allows Liverpool to learn how to adapt and thrive in the face of these shocks and stresses.

Measuring resilience...

- Identifies key stakeholders
- Enables data collection
- Facilitate capacity building around resilience





Measuring resilience...

- Builds common understanding and encourages cross-sector collaboration
- Establishes a baseline understanding of urban resilience within Liverpool
- Identifies the strengths and weaknesses within Liverpool
- Enables a discussion regarding the priority interventions



Qualitative scoring scale

- 5 strong performance
- 4 good performance overall, with some room for improvement
- 3 moderate performance, some challenges exist, there is room for improvement
- unsatisfactory performance, a range of challenges exist with room for improvement
- poor performance, many challenges exist, significant room for improvement



