



Deploying Modular Housing in the UK

Exploring the benefits and risks for the housebuilding industry

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28th July 2021





High Level Mission

“Transforming construction to improve our planet and the quality of life for all in an equitable and sustainable way”



QUALITY OF LIFE

(not just GDP growth)

ZERO NET CARBON



**The biggest threat –
Climate change**



Objective – *Transforming Construction*

Drive transformation in the productivity, performance and sustainability of the construction industry by focusing on three core pillars:





THEMES

Digital Engineering

Manufacturing
(MMC / Offsite)

Whole Life
Performance





Digital Engineering

Manufacturing
(MMC / Offsite)

Whole Life
Performance

Carbon

Procure
ment

Productiv
ity

Housing

Skills

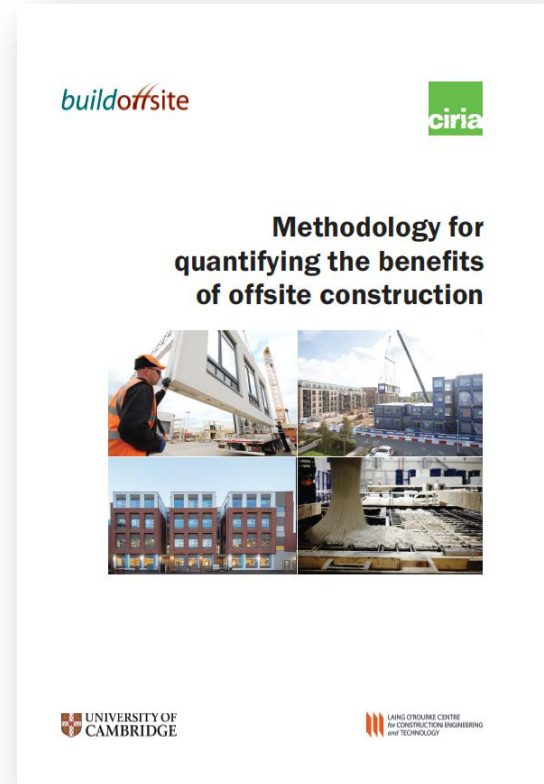
Methodology for quantifying the benefits of offsite construction

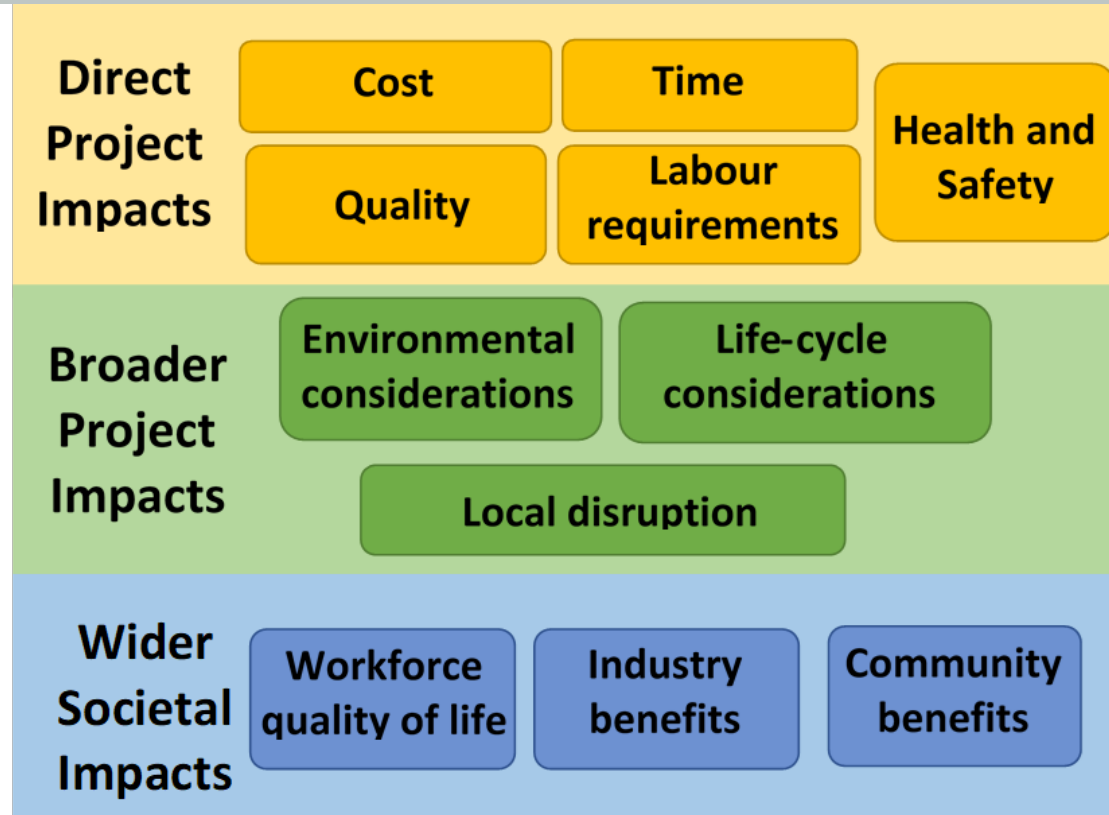
CIRIA C792 : authors - Tercia Jansen van Vuuren & Campbell Middleton



Consistent and repeatable
methodology for evaluating project
performance:

- How does offsite influence
project outcomes?
- Are expected benefits
delivered?





Example: Total construction cost (£/m²) vs GIFA (m²)

