

Sustainability and Carbon Reduction

Wednesday 13 October 2021

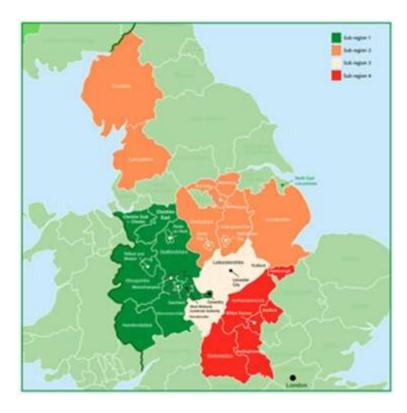
Construction Playbook

Edd Burton, AECOM



Introduction







Context

Transforming Infrastructure
Performance
IPA
December 2017

The Construction Playbook Cabinet Office December 2020



Source:

<u>Transforming Infrastructure Performance</u>
(publishing.service.gov.uk)

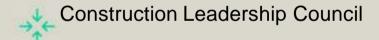


Source

<u>The Construction Playbook – December 2020</u> (publishing.service.gov.uk)

Key contributors









Overview



Launched in Dec 2020, to deliver projects: faster, better, greener



Mandated for central government departments and ALBs on a 'comply or explain' basis



14 key policies to drive a safer, more innovative, manufacturing-led approach to increase the end-to-end speed of project delivery



Each policy supported by guidance notes and toolkits



Modern Methods of Construction is a central theme of the Playbook



14 key policies

Better project planning >

- 1/ Delivery model assessments
- 2/ Commercial pipelines
- 3/ Early supply chain involvement

Digital delivery approach >

- 6/ Further embed digital technologies
- 7/ Benchmarking and Should cost models

Better procurement and contracts >

- 10/ Effective contracting
- 11/ Payment mechanism and pricing approach
- 12/ Risk allocate

Additional policies >

- People and governance
- Transition to operation
- Tender management
- Contract management













Longer term approach to the market >

- 4/ Market health and capability assessment
- 5/ Portfolios and longer term contracting

Efficient design >

- 8/ Outcome-based approach
- 9/ Harmonise, digitise and rationalise demand

Mitigating supply chain risk >

- 13/ Assessing the economic and financial standing of suppliers
- 14/ Resolution planning



Additional policies



People and governance

Effective governance

Role of the SRO



Transition to operations

Government soft landings

Data capture

Lessons learned



Tender Management

Engaging the market

Value based procurement



Contract Management

Effective contract management

Supplier relationship management



Better project planning



Commercial Pipeline



Delivery model assessments



Early supply chain involvement



Procuring for value





Source:

https://constructioninnovationhub.org.uk/value-toolkit/



Efficient design



Harmonise, digitise and rationalise demand



Outcome based approach



Off-site manufacture



Conclusion

1

A collection of best practice from across industry – clients need to consider all aspects 2

Use the guidance to form a continuous improvement tool

3

Successful implementation is key – develop a plan.







