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OPPORTUNITIES FOR CONSTRUCTION THE CONSTRUCTION SECTOR DEAL AND THE CLC

Simon Rawlinson - Arcadis

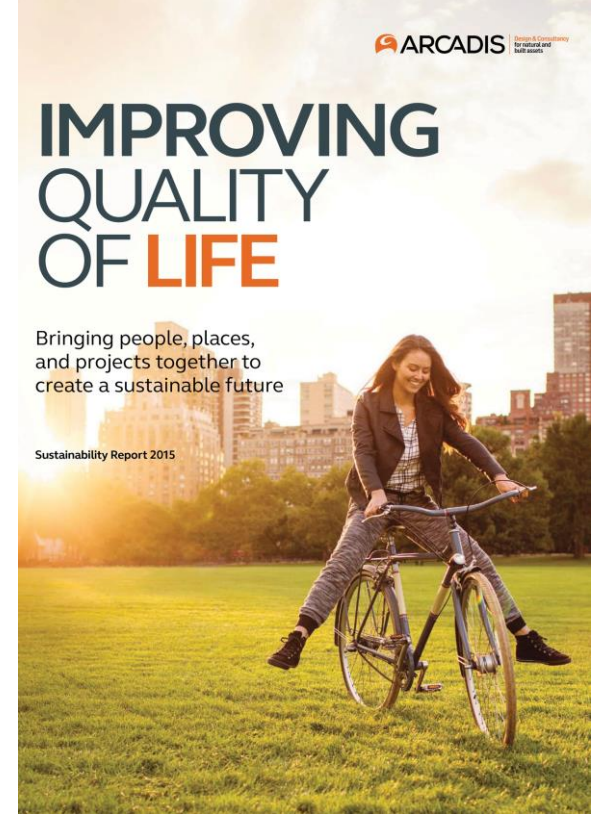
Our Challenge

- Affordability
- Deliverability
- Finance ability



Our Challenge

- Future skills
- Sustainability
- Disruption





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AN UNPRECEDENTED OPPORTUNITY FOR TRANSFORMATION



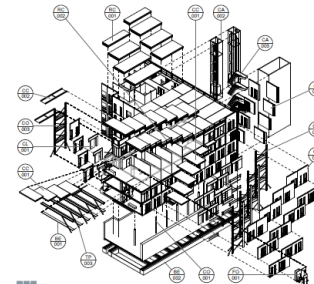
Transforming Infrastructure
Performance



2017

Delivery Platforms for
Government Assets

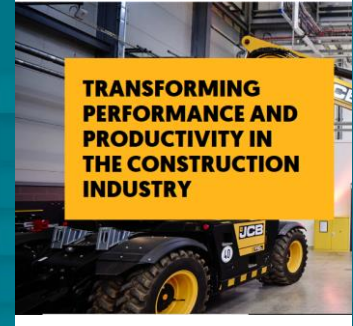
Creating a marketplace for
manufactured spaces



Bryden Wood
UNIVERSITY OF

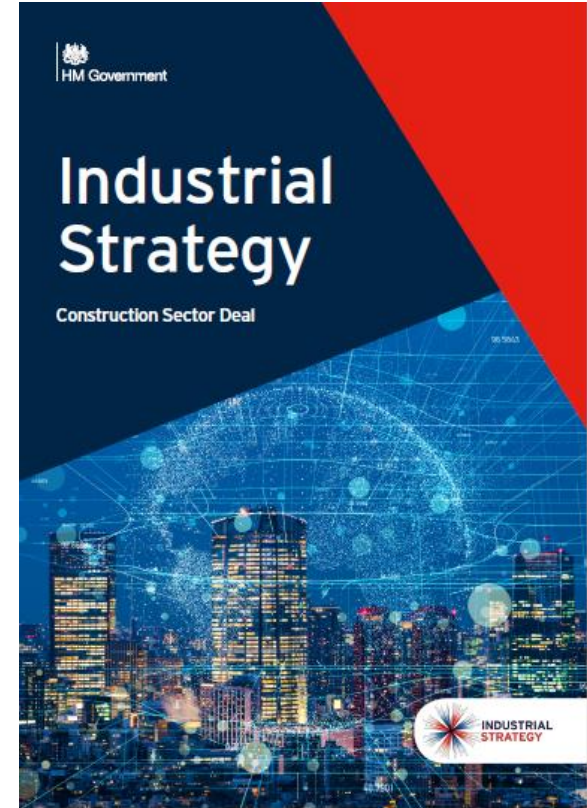
TRANSFORMING
CONSTRUCTION
ALLIANCE

TRANSFORMING
PERFORMANCE AND
PRODUCTIVITY IN
THE CONSTRUCTION
INDUSTRY



CLC's purpose

- Lead the delivery of the Construction Sector Deal
- Bring the industry together to work towards improved performance
- Maintain progress towards the 2025 Strategy Goals
- Support key industry initiatives



Industry targets for 2025

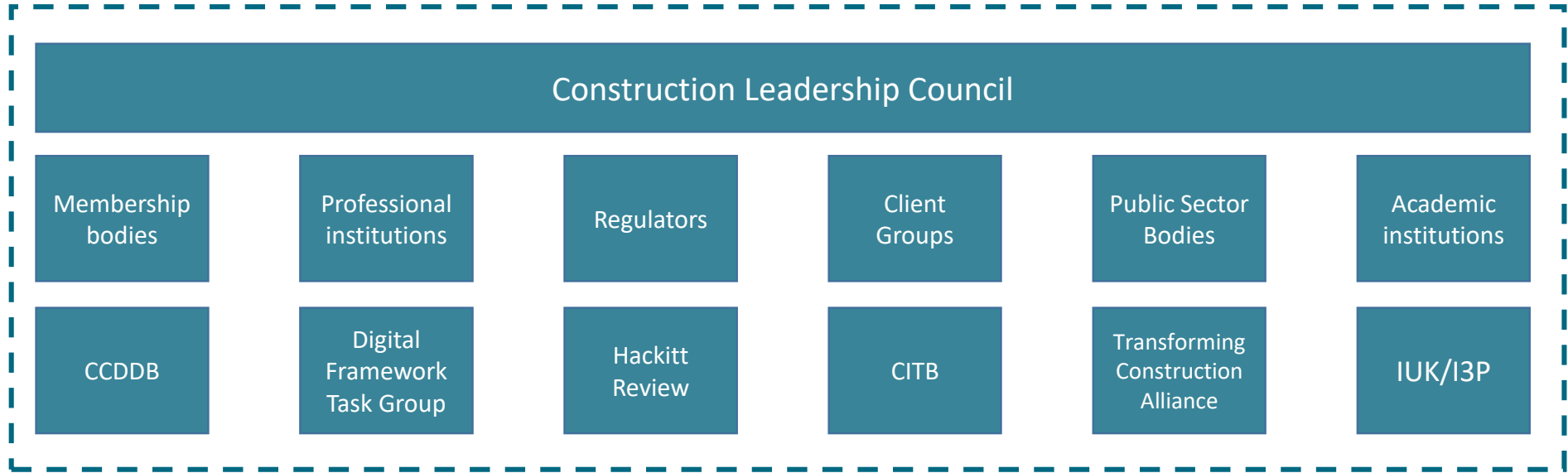
33% Lower
Cost

50% Faster
Delivery

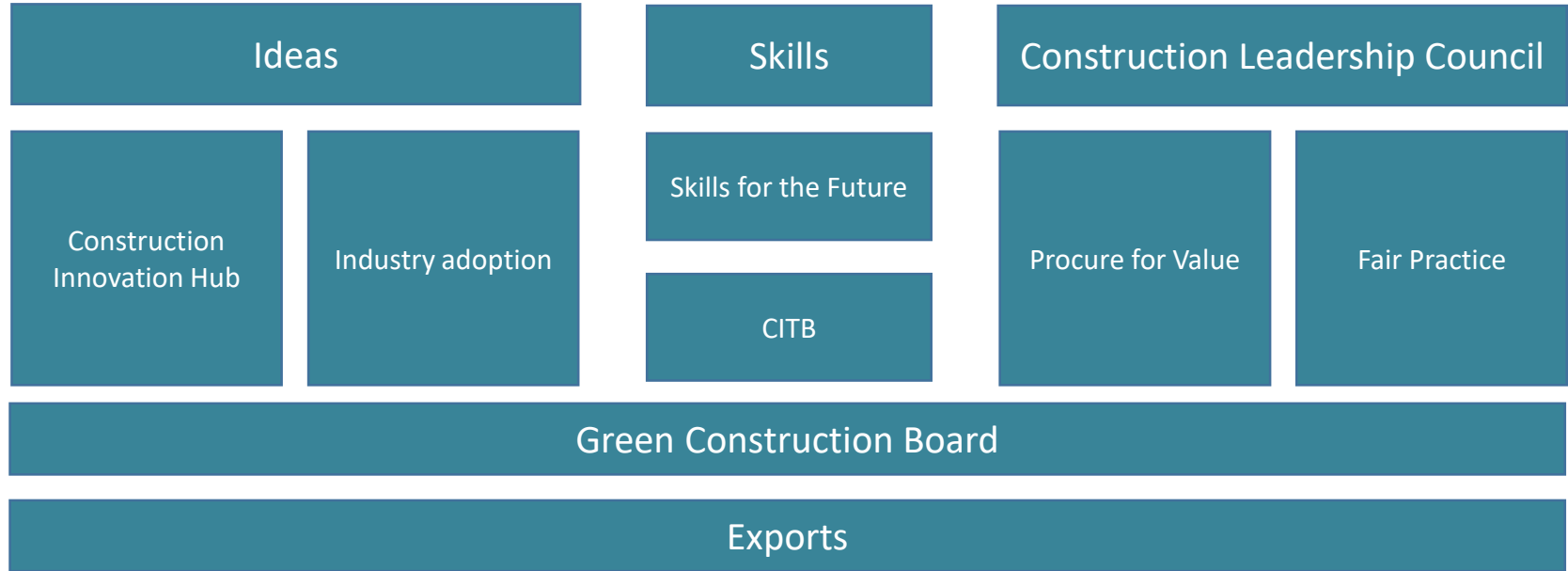
50% Lower
Emissions

50%
improvement
in Exports

CLC's position in industry



CLC workstreams





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Workstream Progress

Skills

- Future Skills Report published
- Plans for Industry-wide Attract, Retain and Recruit campaign by Dec 2019
- Coordinated industry approach for post-Brexit immigration rules
- 72 Apprenticeship standards approved
- Future skills plan under development
- CITB reform agenda on programme ahead of 2020 Consensus



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Future Skills Report
June 2019



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Opportunities for Construction

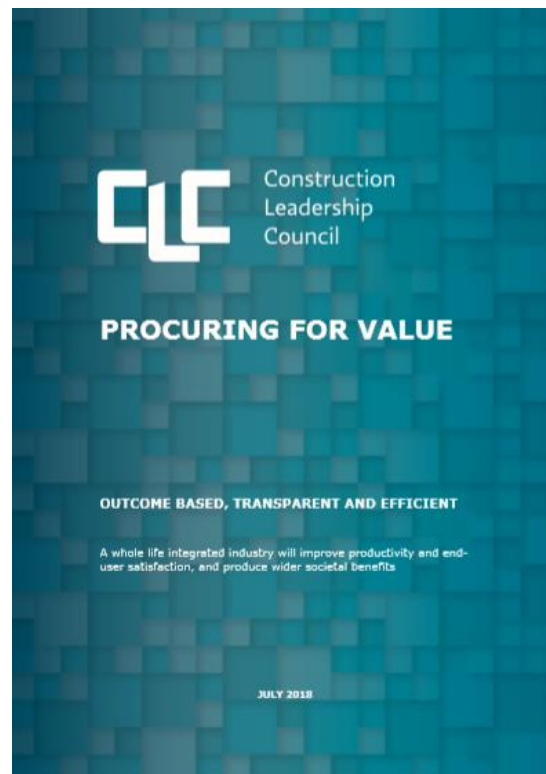
Industry Adoption

- Expand the scope of the workstream to cover the schools programme
- Expand the use of KPIs and the Smart Buildings dashboard
- Promote the Smart Construction Case Study initiative
- Promote the CLC's demand aggregation methodology with a nominated organisation
- Trial new contracts with a client organisation
- Develop an MMC quality assurance scheme



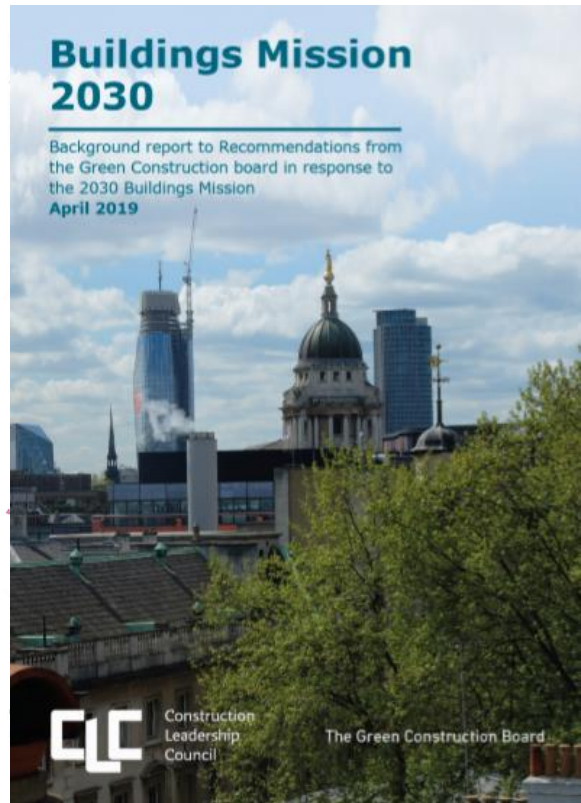
Procurement for Value

- Outcome-based procurement – value comparison tool in development by BRE
- Procurement Round-Table – ministerial-led forum on practice in public and private sectors
- Benchmarking – TIP/TIES led by IPA
- Industry-standard PQQ – Common Assessment Standard published by Build UK and CECA
- Construction contracts – risk allocation proposals published by Build UK



Sustainability

- Buildings Energy Mission report published
- Innovation strategy for retro-fit
- Developing priorities for the waste and resources strategy
- Roadmap to zero avoidable waste in construction with BEIS and Defra
- Gain more support for the Low Carbon Infrastructure Commitment – 5 Year Report





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Wider opportunities

Industry Crisis

£600 bn Infrastructure Programme

Clients don't accept Status Quo

Construction Sector Deal





Shortage occupations in **construction**:
A cross-industry research report

January 2019



Post-Brexit Skills Agenda

What

- Cross-industry response to the skills agenda
- Focused lobbying in connection with the Migration White Paper
- Innovation aimed at increasing productivity

How

- Approved Apprenticeship Levy training courses
- Future skills forecasting
- Direct engagement with the Home Office

What's in it for our clients?

- Increased project deliverability
- Direct engagement with the skills issue

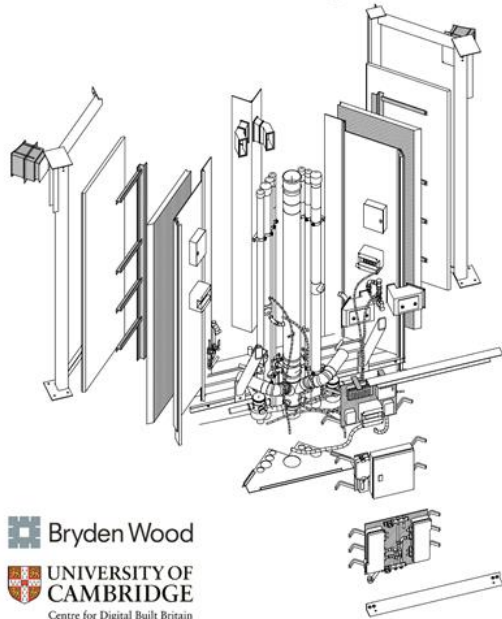


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Opportunities for Construction

Platforms

Bridging the gap
between construction +
manufacturing



Bryden Wood
UNIVERSITY OF
CAMBRIDGE
Centre for Digital Built Britain

Platform-based Design for Manufacture and Assembly

What

- Implementation of the Offsite Mandate
- Common approach for similar building types

How

- Standard, commoditised component toolkit
- Application of manufacturing and logistics discipline

What's in it for clients?

- Reduced cost and improved quality
- Access to a deeper supply-chain



**There are
decades where
nothing
happens.....**

**...and there are
weeks where
decades happen**



N.O.M.P.



**To improve is to
change....**

**and to be perfect
is to change
often**



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