

# Transforming Construction

Delivering better outcomes for business and society

Keith Waller  
Programme Director  
Construction Innovation Hub

November 2019



The  
**OFFSITE**

Construction Show

ExCel, London

20 & 21 November, 2019

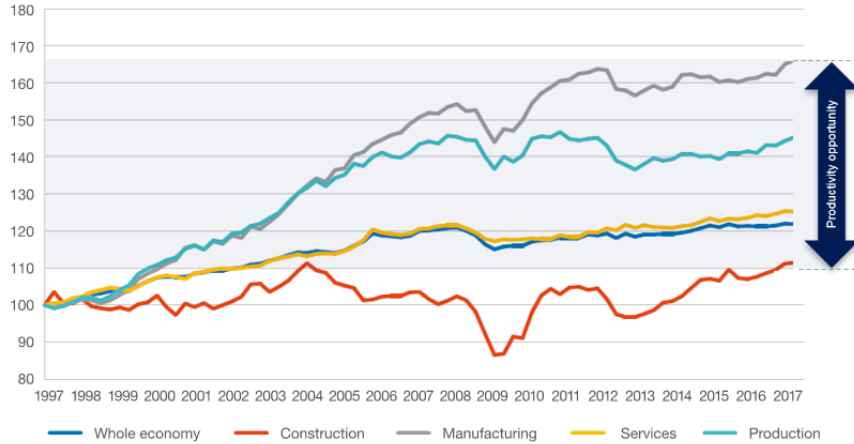
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# Drivers for change



Source: ONS / Transforming Infrastructure Performance, IPA, 2017.



**Lower costs**

**33%**

reduction in the initial cost of construction and the whole life cost of built assets

**Faster delivery**

**50%**

reduction in the overall time, from inception to completion, for newbuild and refurbished assets

**Lower emissions**

**50%**

reduction in greenhouse gas emissions in the built environment

**Improvement in exports**

**50%**

reduction in the trade gap between total exports and total imports for construction products and materials



- Productivity**
- Fragmentation**
- Skills crisis**
- Quality**
- Improved social outcomes**
- Safer and more resilient buildings**
- Increased new skills**
- Increased investment**

# Construction Sector Deal

**£170m**

Government  
funding

**£250m**

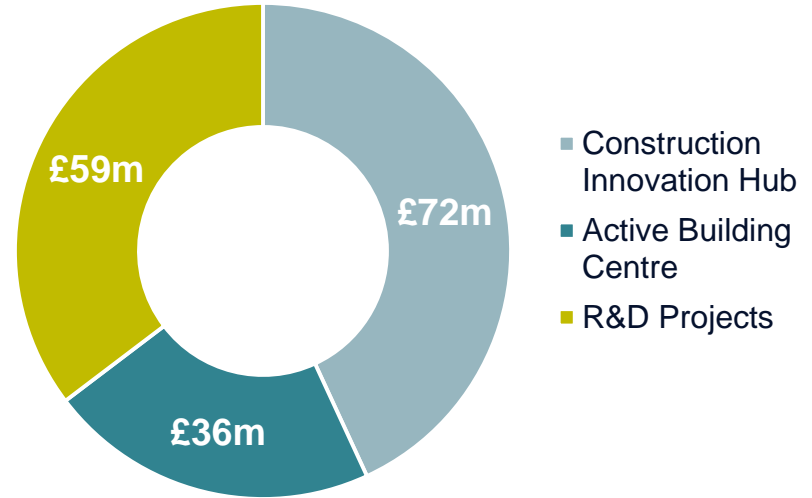
Matched industry  
funding

**4 years**

of funding

**Sustainable**

long-term model



# Who we are – our mission



Our mission is to be a catalyst for transforming the UK construction sector through manufacturing technologies and digital ways of working – boosting productivity, exports and asset performance to benefit society

# Four core partners...



**mtc**  
Manufacturing  
Technology Centre

**bre**

**cdbb**  
Centre for Digital Built Britain

# Programme > Key inputs

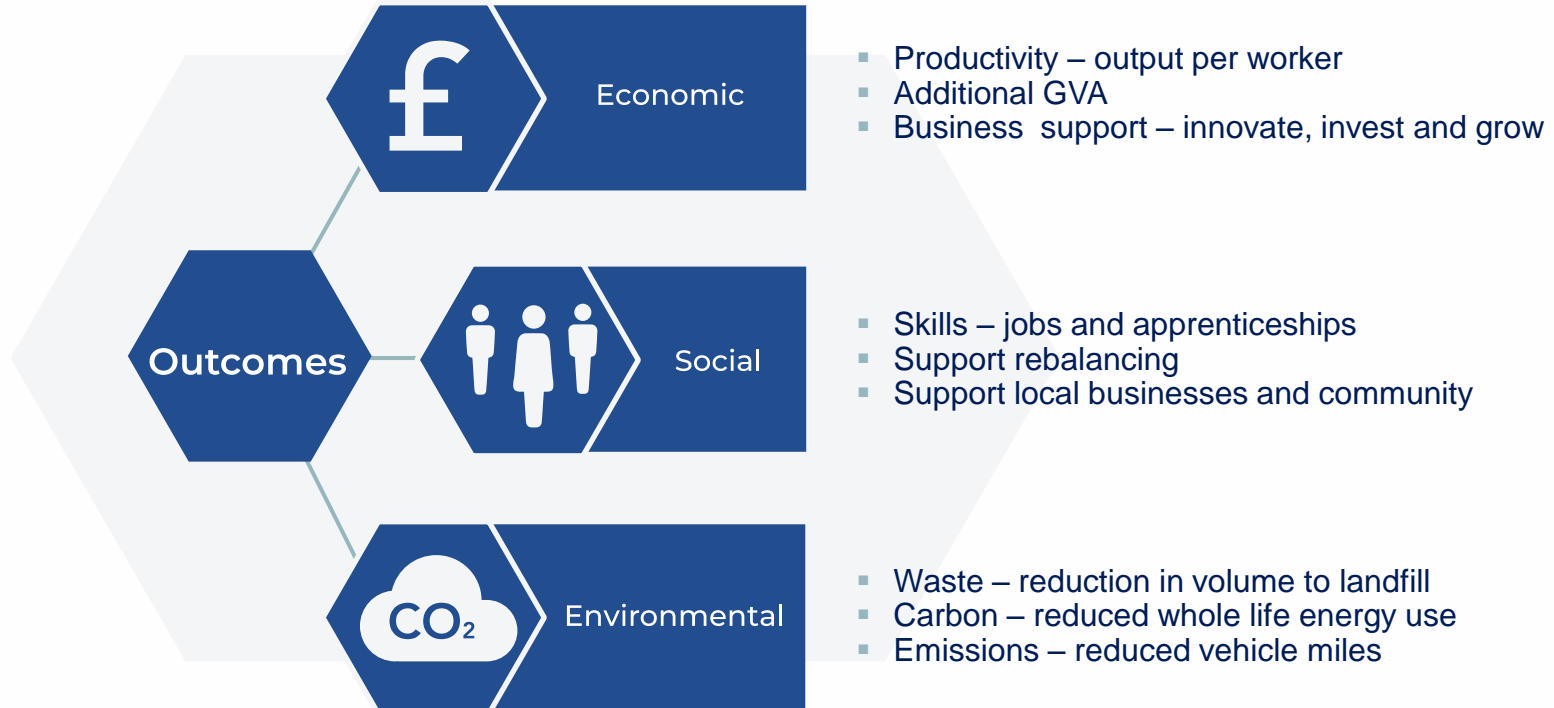


# Programme > Key outputs



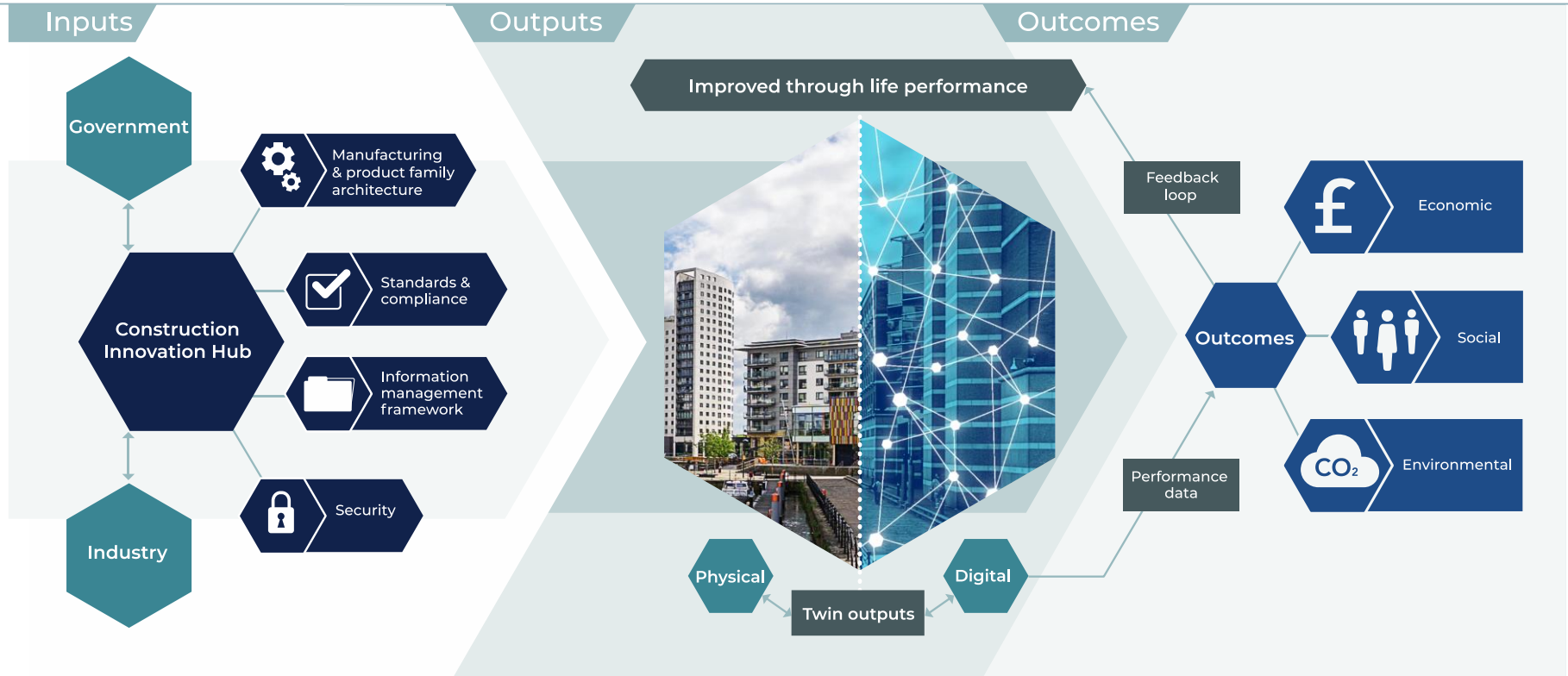
- Owner**
  - Predictable, high quality projects
  - Better performing assets
- User**
  - Improved experience
  - Higher quality, safe environment
- Operator**
  - Better, useable data
  - More effective O&M strategies
- Industry**
  - Safer
  - Predictable
  - Profitable

# Programme > Key outcomes

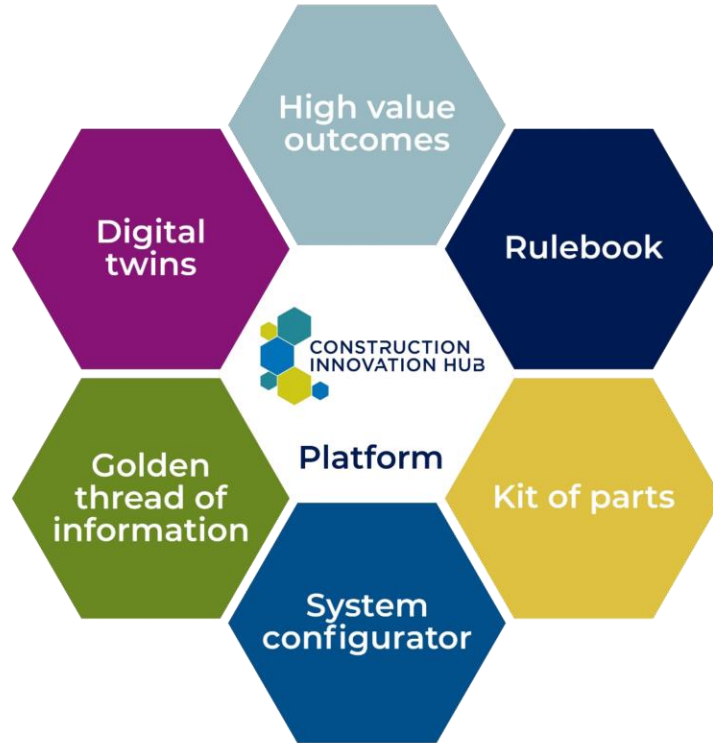




# Inputs, Outputs and Outcomes



# Platforms in the Hub's programme



# Join the transformation



[www.constructioninnovationhub.org.uk](http://www.constructioninnovationhub.org.uk)



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