



# Offsite: DfMA Overlay to RIBA PofW

## WU5 QA KUA: MKAU ffy Mjak5 Ak5 ALkyk Mj::y : M:LU









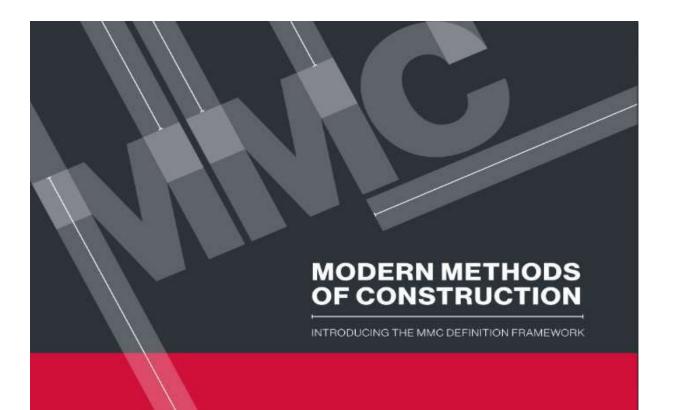


# FA DfMA Overlay to the 2020 RIBA Plan of Work

STREET, STREET



g



f

4

4

g

4 4 MQ

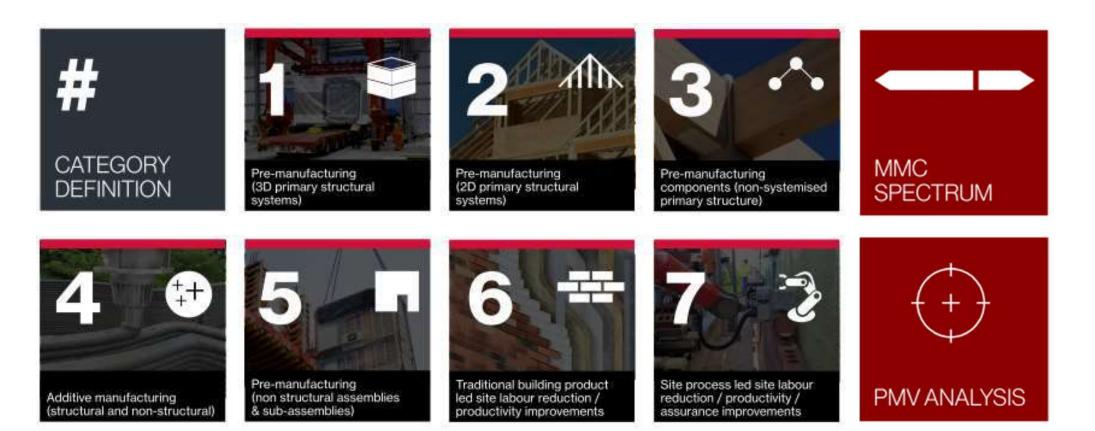
#### Definition Framework

Μ

f



#### 44 MM



#### 44 M

the second

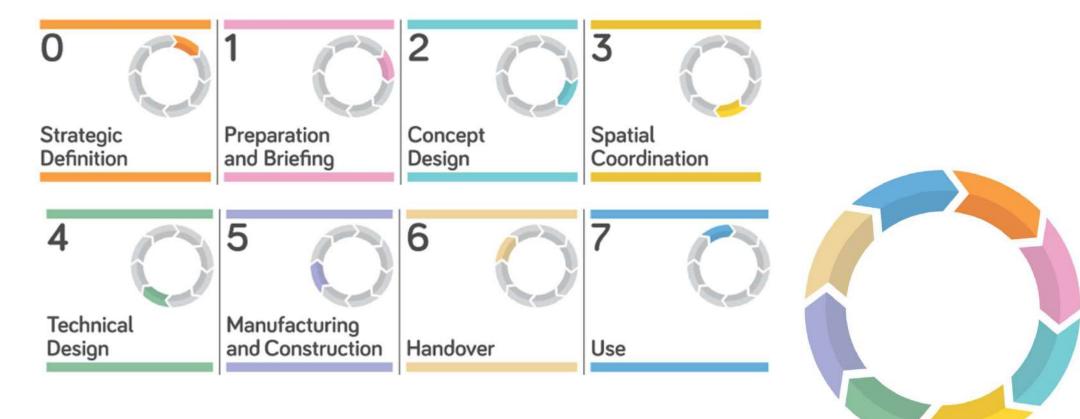
#### 44 M



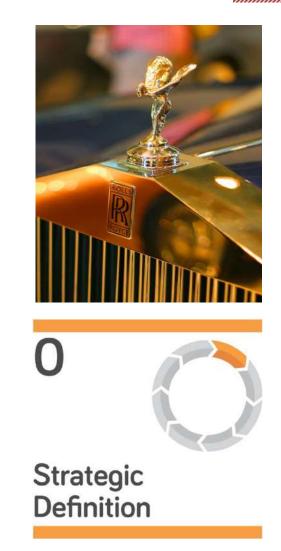
Α



#### RIBA Plan of Work 2020 What is different for DfMA?







### Before Stage 1?

• A L M Q M A L L A

Μ

- Q 4 A A Q Q 4 A
- M : 4 M M
- f £ 44MM
- £ U
- £ k
- •: L 4 A

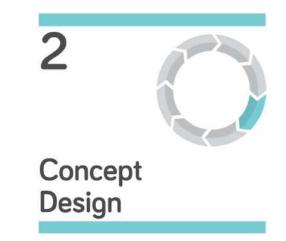
#### 1 Stage 1 – Preparation & Brief Α • Μ Q : LK4 £ Q Q U Α Q Q W k £ f Α : Μ Q Q 4 A A • L \_ : Μ 0 4 Μ Α \_ £ £ Preparation and Briefing Α У



#### Stage 2 – Concept Design

•	Α		
k		Μ	Μ
Μ			
M £			
А	Μ	Α	
• Q4AA			
- 44M:			
– M	Α	Μ	
– M	Α		
_	j	У	
_	M M	Μ	
– M f			
•	4	L	M A







#### Stage 3 – Spatial Coordination

- A - Q Q M - : - y U k
  - M U - U £ A
- Q 4 A A
  - MQ k k – LK4: Q 4

W

Μ

Μ

- 4 Q
- Q 44 MM
- U Q f 44MM
- •: 4 Q



#### Stage 4 – Technical Design

M
 M
 Q
 Q
 4
 Q
 Q
 Q
 Q
 K
 4
 M

k

Α

Μ

- U U Q k
- Q 4 A A
  - Q Q

Q

- k 4 - M A











#### Stage 5 – Manufacturing & Construction

- M - k <u>5</u>Q - M @
- k
  M
  Q
- Q 4 A A
- 4 4 - 4 @

£

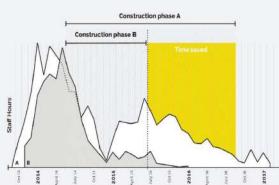
k

- L Q – f @
  - :

Μ



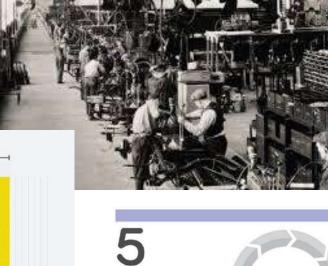
У



Μ

Μ

Μ



Manufacturing and Construction



#### Stage 6 – Handover

- Μ Α k - Q У - Q : 4 Μ – **f** : U
  - Q M f - f
- Q4AA •
  - f У £ U
  - 4 f – Q

Α

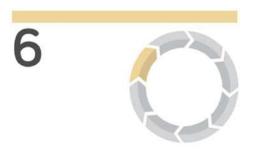
k

k

U

О





#### Handover



#### Stage 7 – Use • M

•

- Q 4 A A – f
  - Q M





4

:





#### Design Freeze

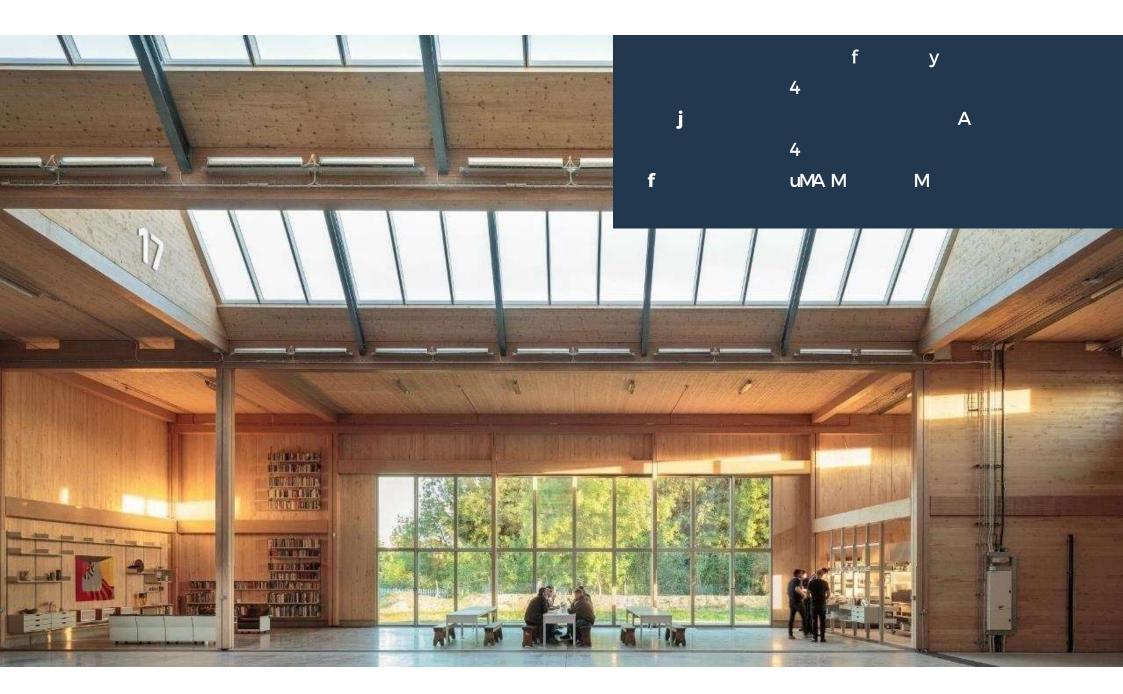
	RIBA Stage	0	1	2	3	4	5	6	7
MMC category	Role						•		
1	MMC adviser								
	Architect								
	Engineers								
	Contractor								
	Manufacturer								
	MMC adviser								
	Architect				1.1				
2	Engineers								
	Contractor								
	Manufacturer								
	MMC adviser								
	Architect								
3	Engineers								
	Contractor								
	Manufacturer				1				
4	MMC adviser								
	Architect								
	Engineers				1.1				
	Contractor								
	Manufacturer								
5	MMC advisor								
	Architect								
	Engineers								
	Contractor								
	Manufacturer				1.1				
	MMC adviser								
	Architect								
6	Engineers								
1 - <del>1 - 1</del> - 1	Contractor								
	Manufacturer								
	MMC adviser								
	Architect				- F				
7	Engineers								
-	Contractor								
	Manufacturer								

44 MM

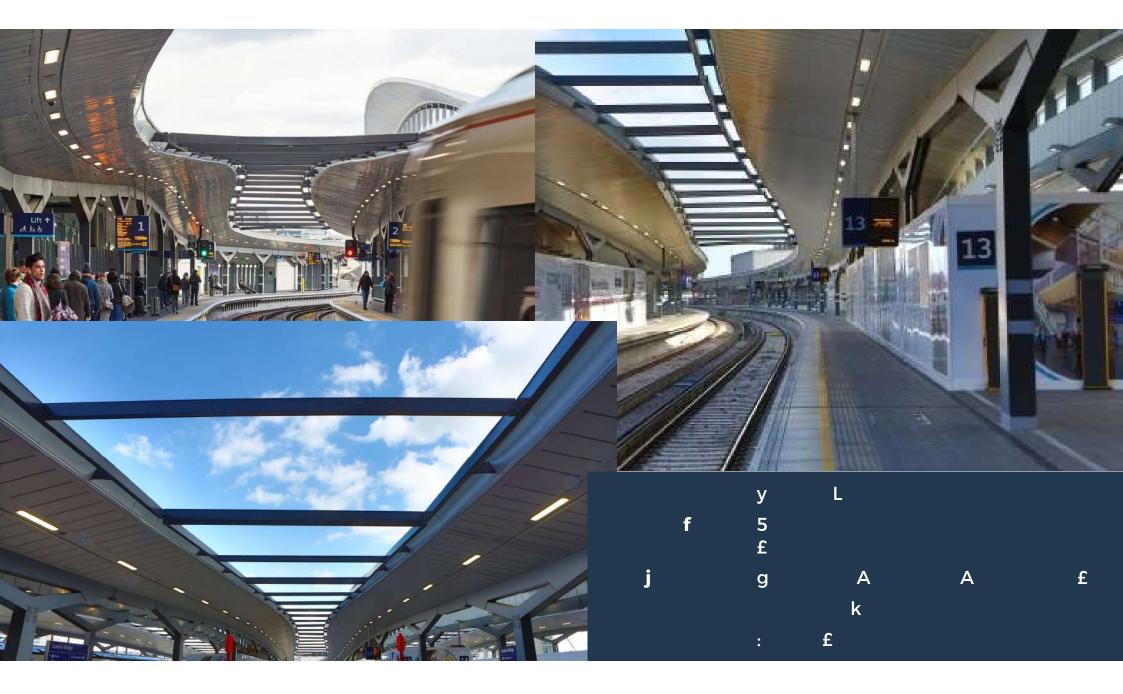
# EA DfMA in Practice

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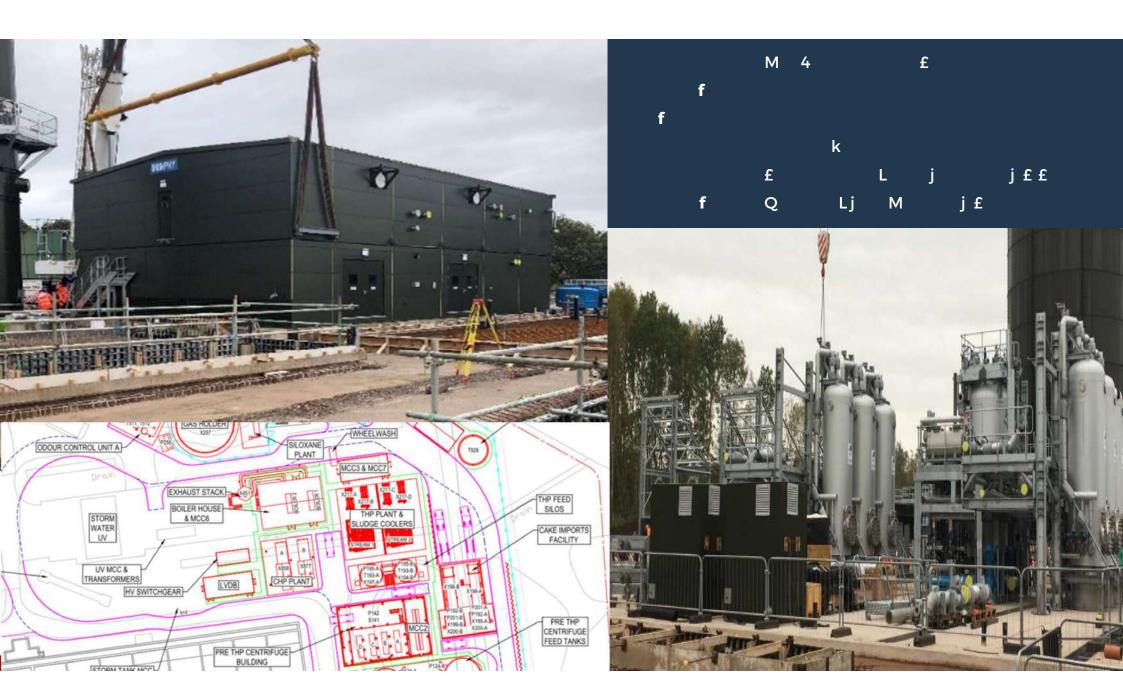


















# **F**A Lean Construction

A DE LE REAL DE LE REA

the second



Μ

"The relentless drive to discover how a process is optimally done then doing it exactly the same way every time.

Industrialisation drives out waste, automates and standardises **where possible.**"

