

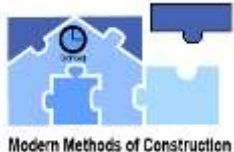


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# **EBDOG Conference Spending Well on School Places**

## **13 September**

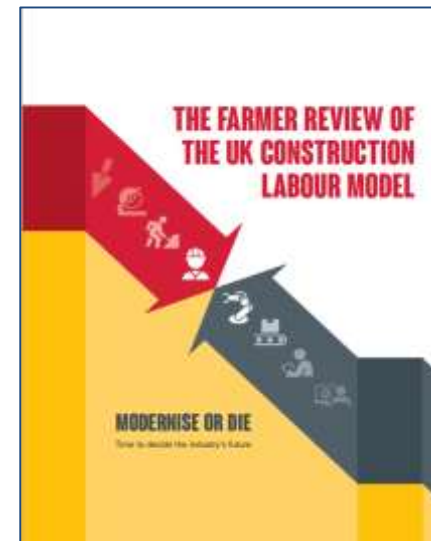
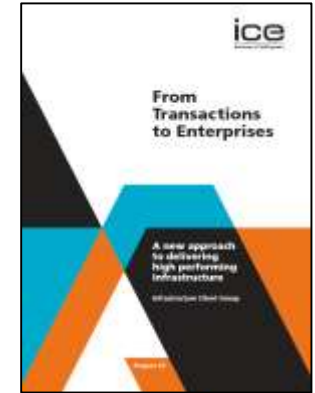
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# What problem are we trying to Solve

- Brexit
- Declining skills in the industry
- Lack of investment in supply chain, people and apprenticeships
- Insufficient standardisation - Re-inventing the wheel
- Low productivity
- Dominated by Tier 1 Cont.
- Schemes expensive in SE
- Rebalance of economy





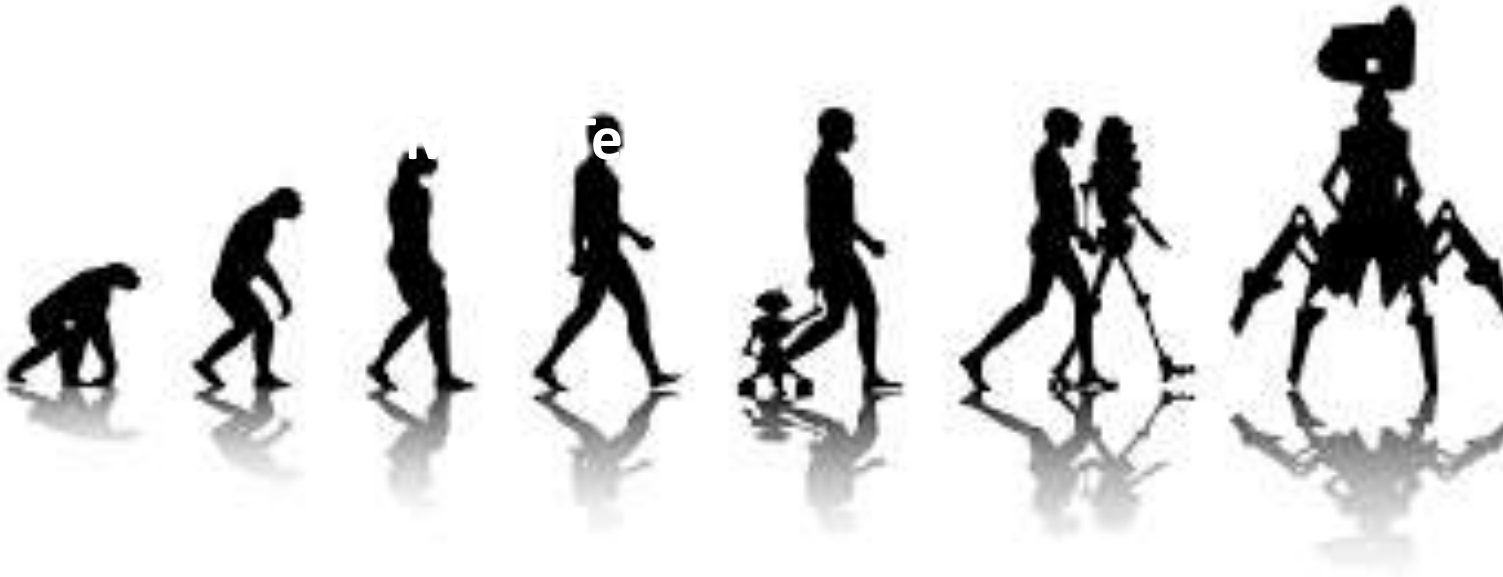
## So why MMC?

- Enable access to a wider market
- Keen bidders / stimulate Innovation
- Reduced costs
- More consistent quality
- Shorter construction time
- Reduced site disruption
- Health and safety risks reduced
- Reduce impact on site neighbourhood
- Less waste
- Reduced CO<sub>2</sub>



# Evolution

- **Generation 1 – Contractors & Regional Frameworks**
- **Generation 2 – CCS / Southern Framework**





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# Generation 3 - Current Thinking





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# Current Thinking - Generation 3 (2FE GF Plan)



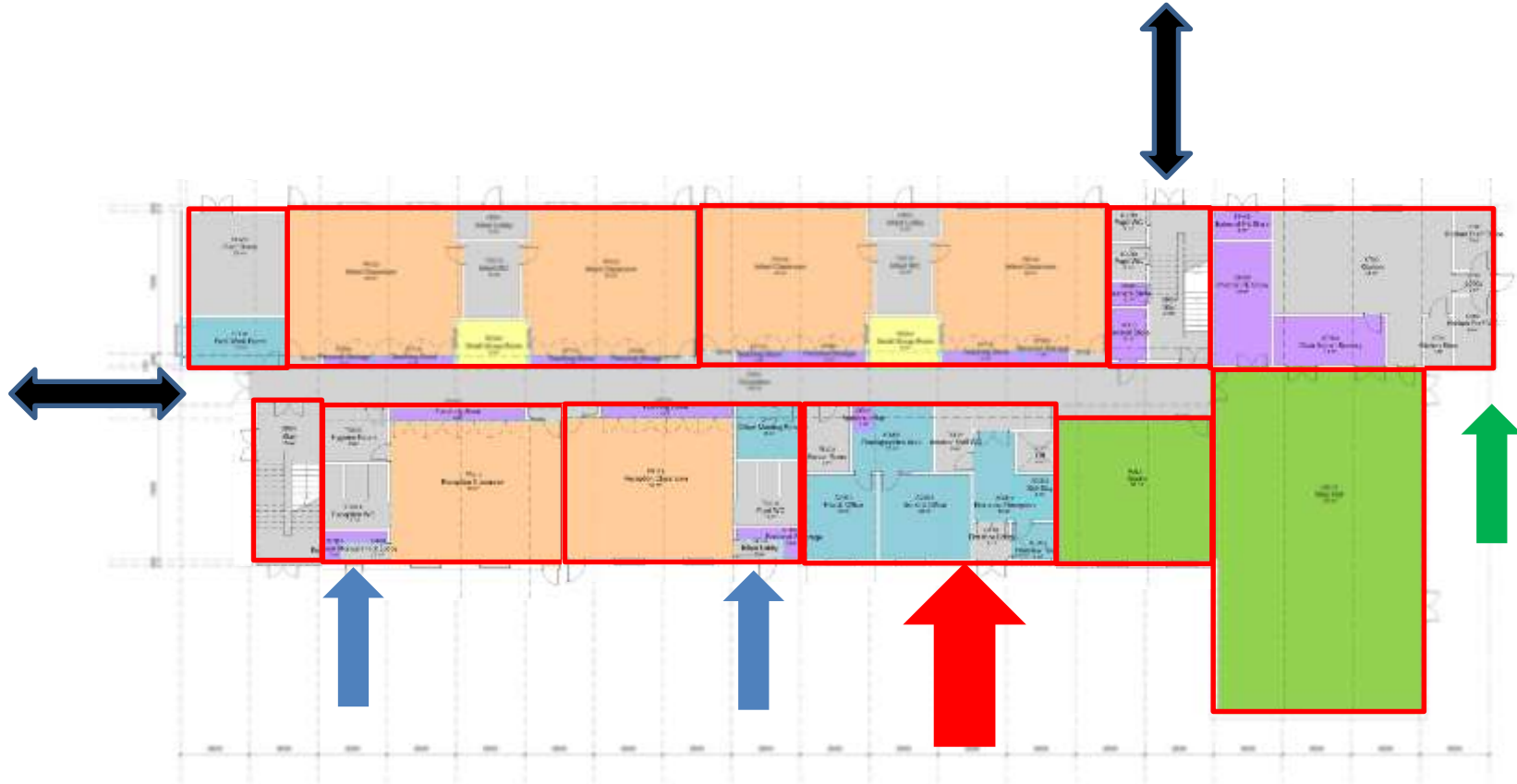
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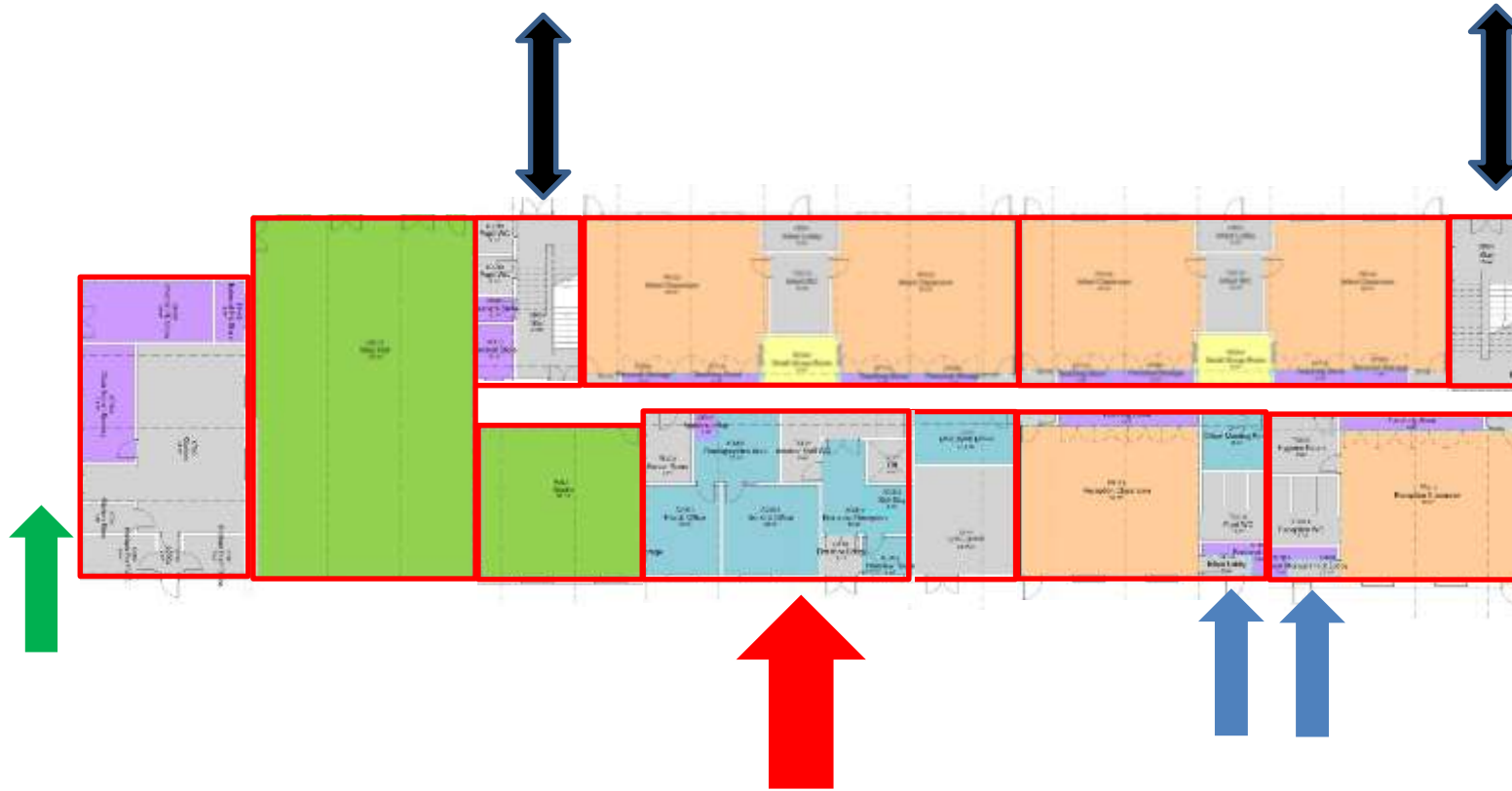
# Current Thinking - Generation 3 (2FE GF Plan)





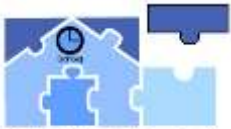
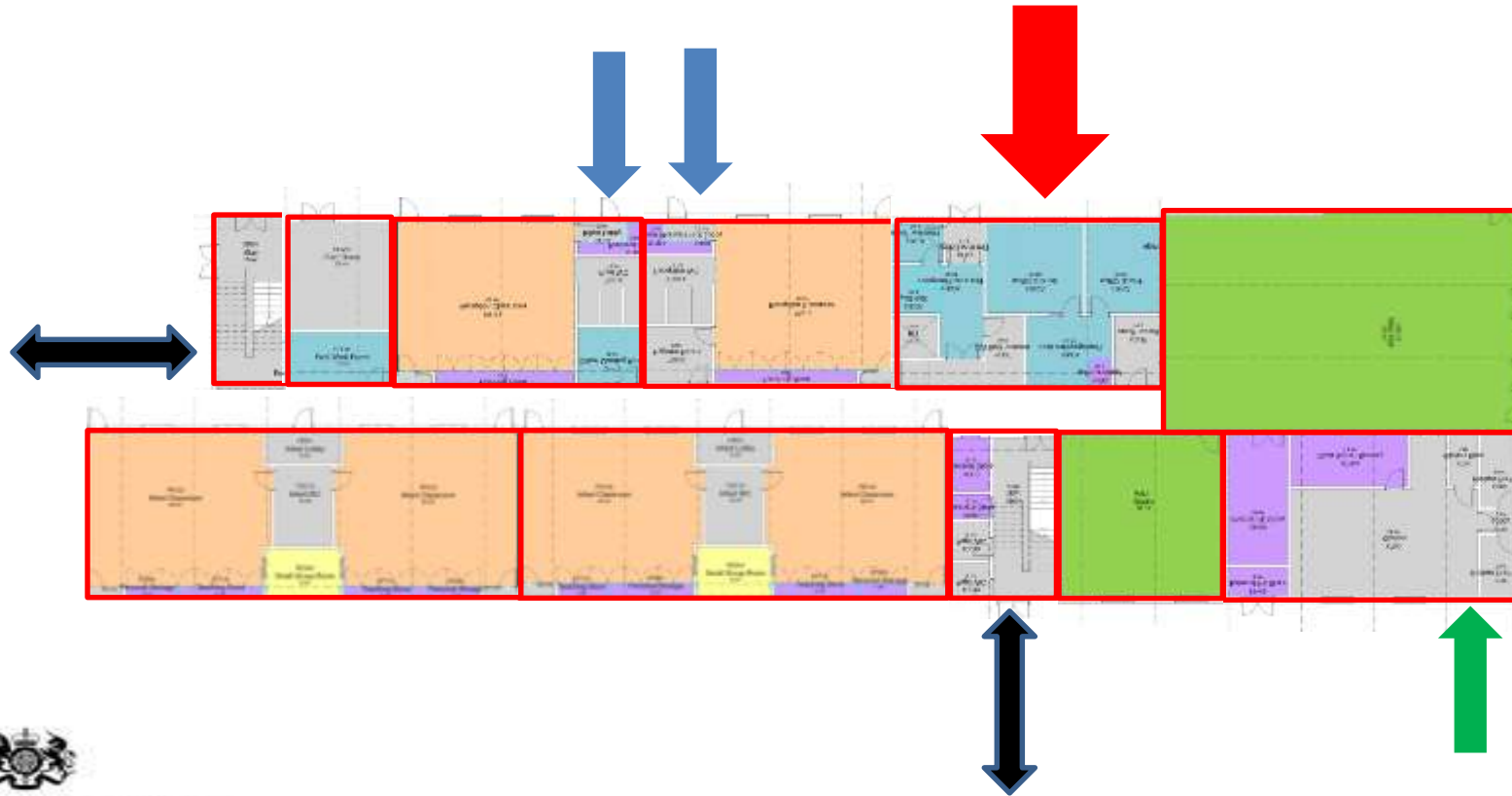


# Current Thinking - Generation 3 (2FE GF Plan)





# Current Thinking - Generation 3 (2FE GF Plan)





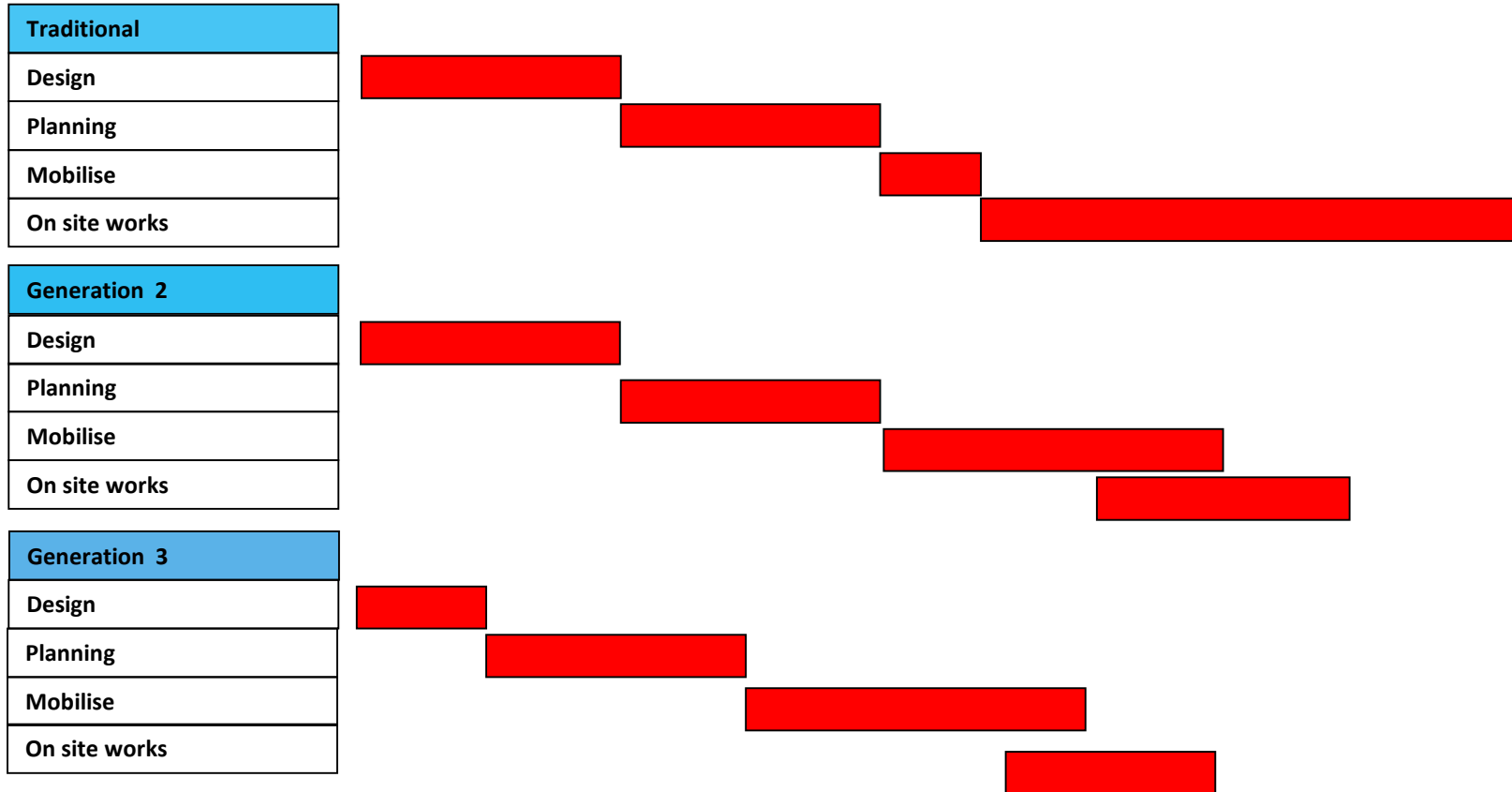
# Modular Evolution

- **Generation 1 – Contractors & Regional Frameworks**
- **Generation 2 – CCS / Southern Framework**
- **Generation 3 – Modular Batches A &B**
- **Generation 4 – Modular Batch C**





# Programme Comparisons







# Mini Frameworks – Modular A, B & C

## Mod A – Whole Primary Schools

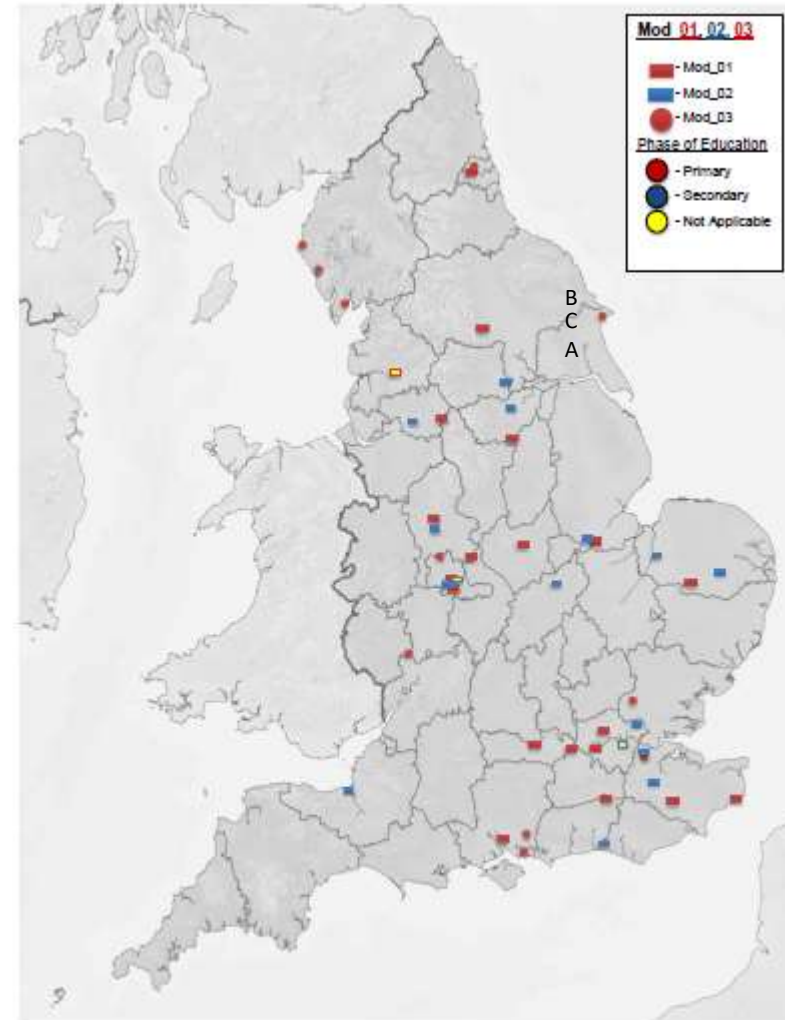
- £95m mini framework
- 3 providers
- Available - March 17

## Mod B – Primary Blocks (2 lots)

- £95m mini framework
- Lot 1 - 2 providers
- Lot 2 - 3 providers.
- Available - July 17

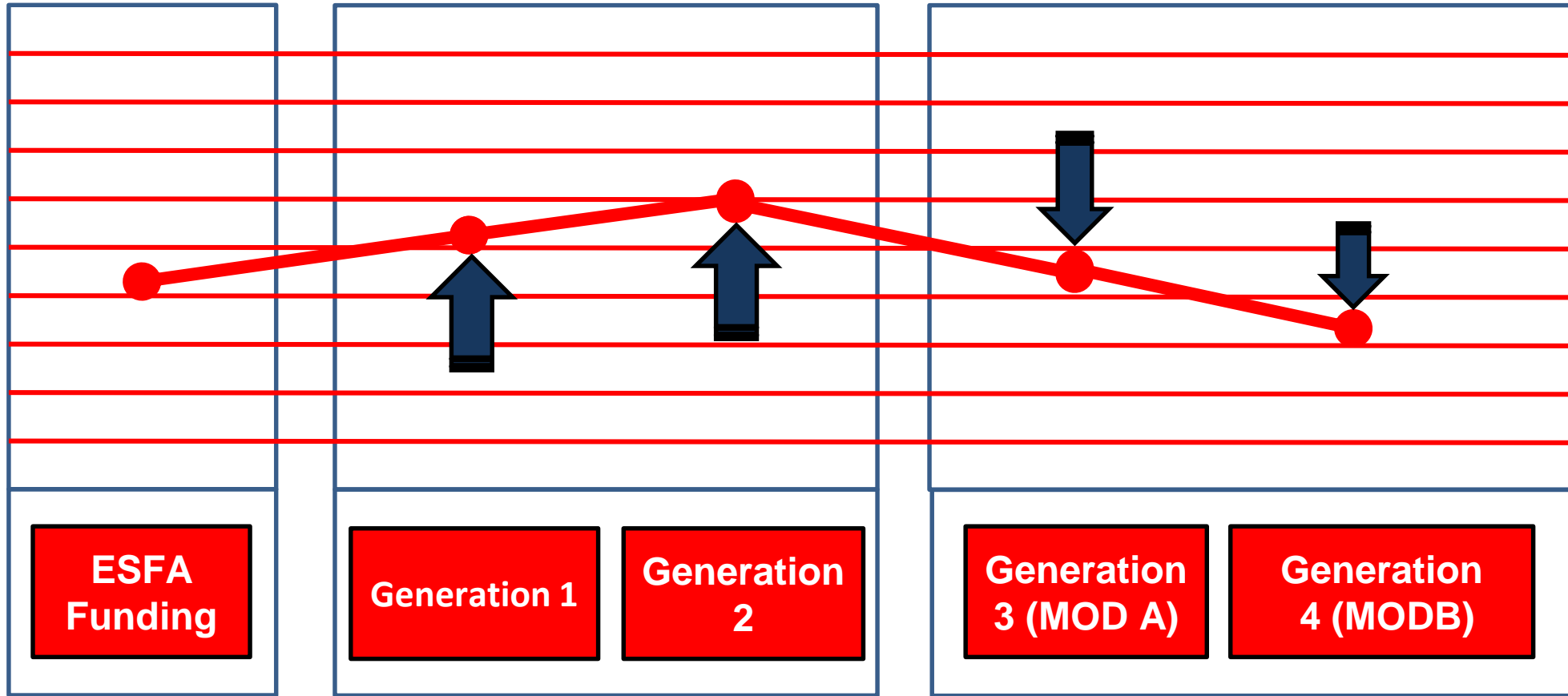
## Mod C – Secondary Blocks

- £300m Framework
- lot 1 - 3 providers
- lot 2 - 3 providers
- Available – June 18





# Framework Costs Compared 2FE scheme rates





- Lord Agnew – “I am making it a personal priority to do all I can to get the modular programme up and running”
- Industrial Strategy – support Departments and agencies to move to a presumption in favour of MMC from 2019
- High level support in DfE
- MMC Team engaged with other Departments, IPA and BEIS



# Benefits

- Expanded the market and improved capacity and capability
- Exactly the same output specification for modular and traditional construction
- Same whole life cycle costs
- Modular contractors are working together on standardisation
- Improving speed / quality
- Schools are being built





# Modular Evolution

- **Generation 1 – Contractors & Regional Frameworks**
- **Generation 2 – CCS / Southern Framework**
- **Generation 3 – Modular Batches A & B**
- **Generation 4 – Modular Batch C**
- **Generation 5 – MMC Team**



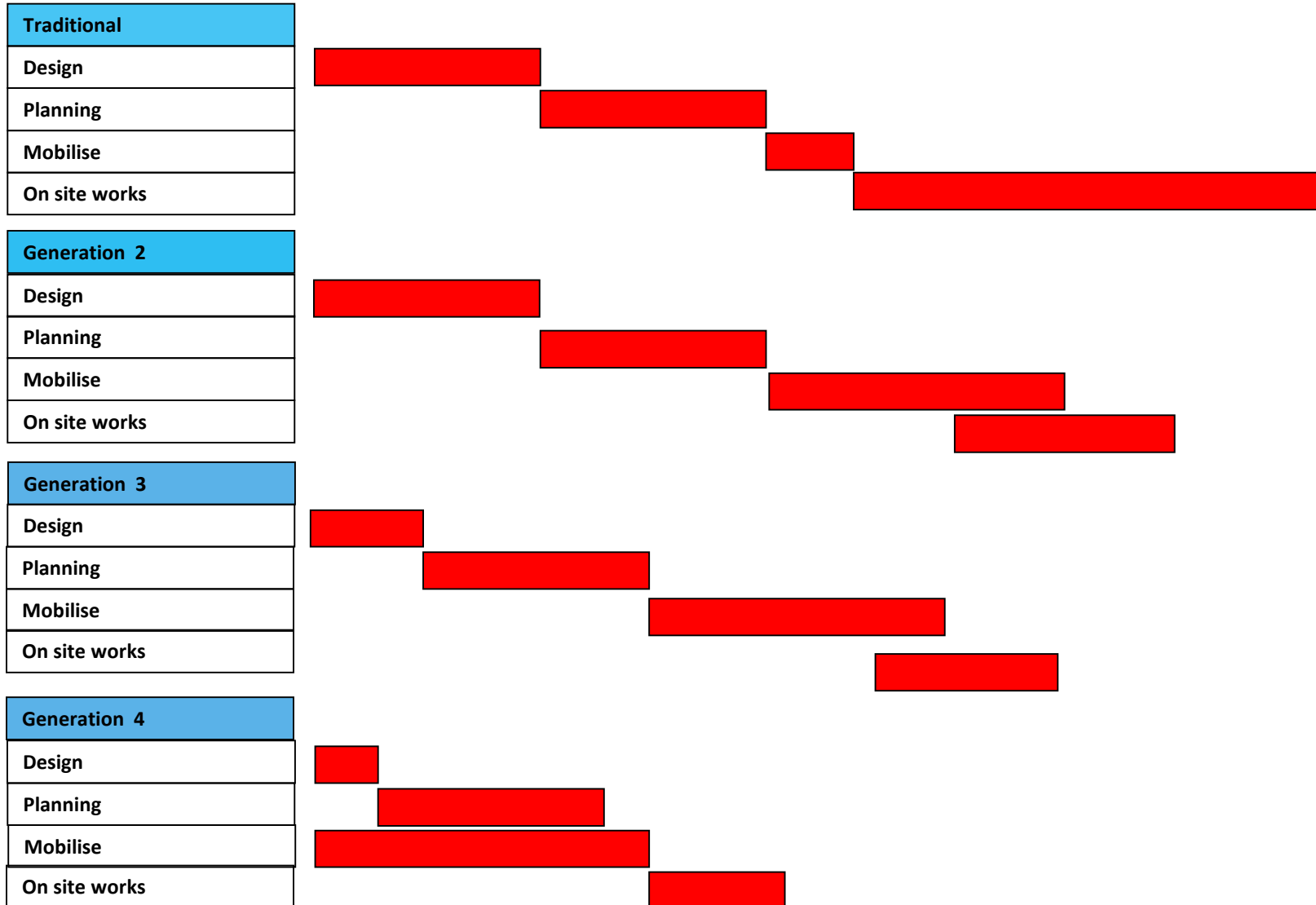


TRADITIONAL CONTRACTOR	TRADITIONAL DESIGN	MODULAR CONTRACTOR	MODULAR DESIGN	MODULAR SPECIFICATION	SPECIFICATION FOR MANUFACTURE	
<b>1<sup>st</sup> Generation Modular</b>						
	<b>2nd Generation Modular</b>					
		<b>3rd Generation Modular</b>				
		<b>4th Generation Modular</b>				
		<b>5th Generation Modular</b>				





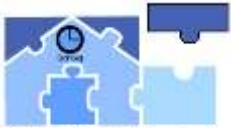
# Programme Comparisons





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# THANK YOU & Q&A



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