

BOPAS

Buildoffsite Property
Assurance Scheme

BUILD-OFFSITE HOUSING HUB

Terry Mundy – Lloyd's Register

Jeff Maxted – BLP Insurance

19 March 2019



buildoffsite



Lloyd's
Register

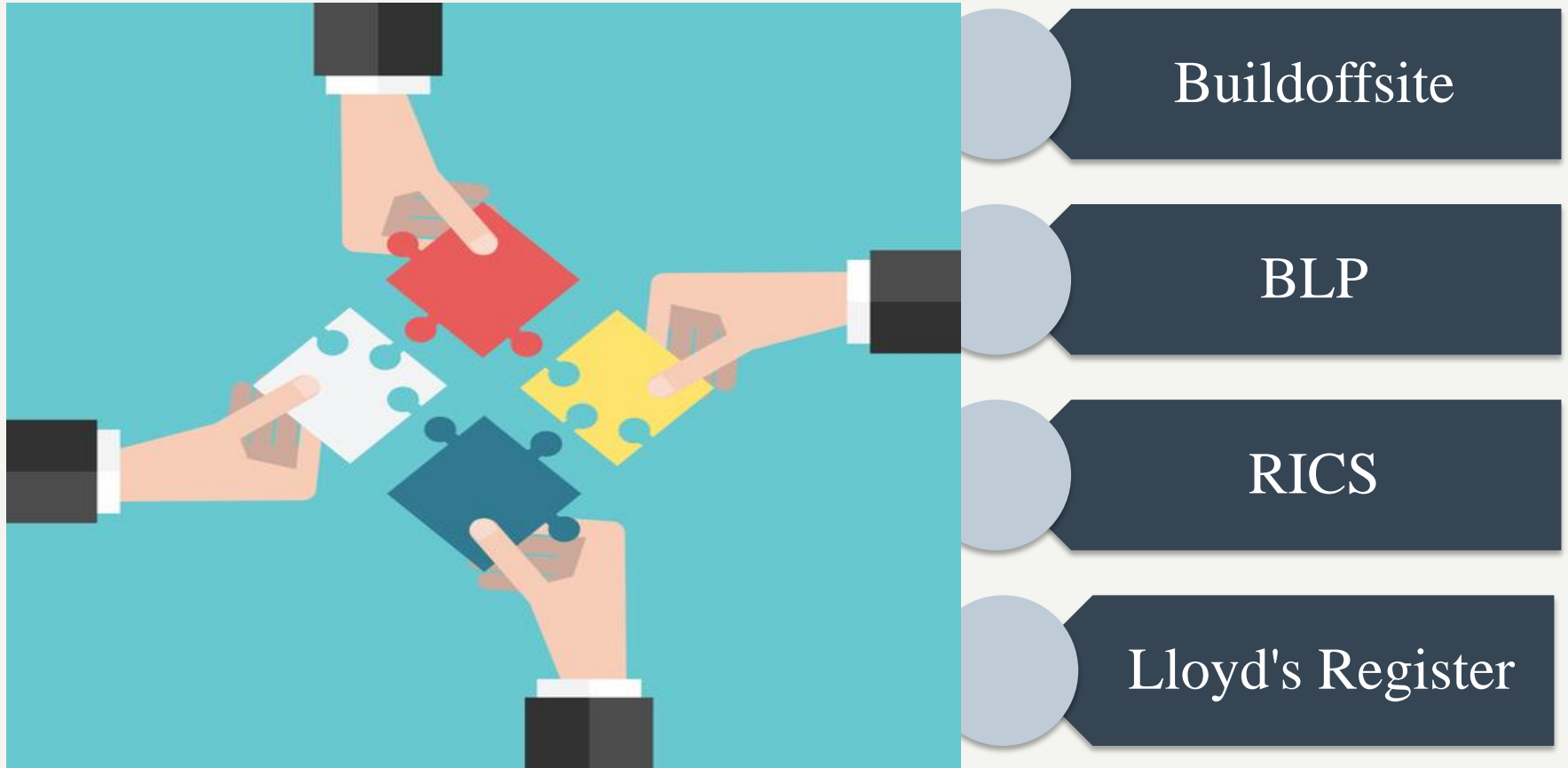
BLP
INSURANCE

Recognised assurance for innovative or
non-traditional methods of construction

The BOPAS Partnership

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Buildoffsite Property
Assurance Scheme



BOPAS Development Team



What is involved?

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Buildoffsite Property Assurance Scheme

Process accreditation

60 year durability assessment

Web based search facility



Assurance of Golden Thread Spanning Design, Manufacture and Construction

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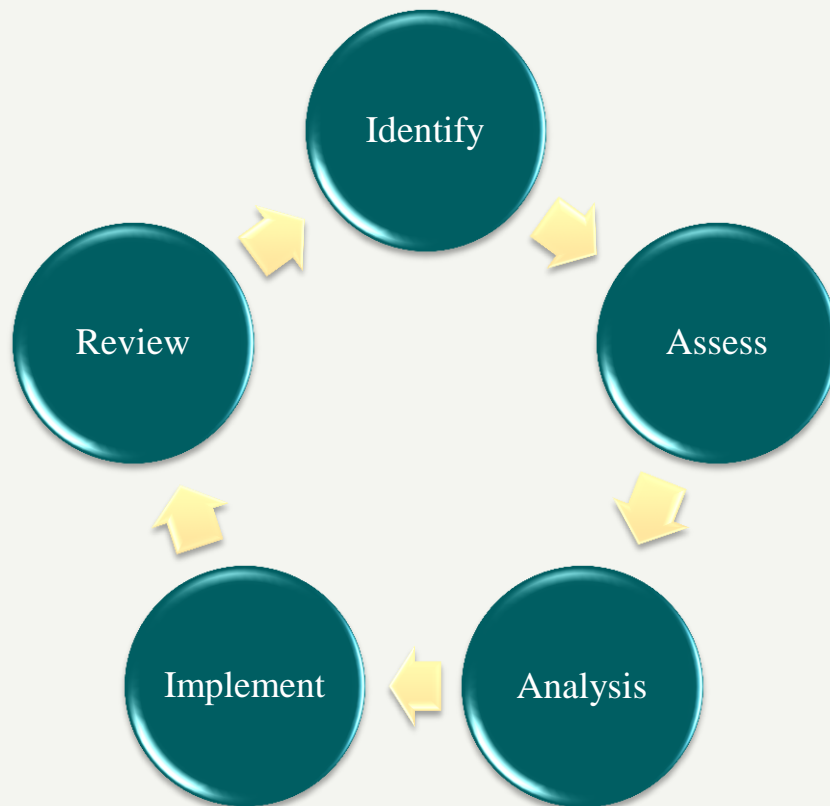
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Risk Management Process

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‘Good risk management fosters vigilance in times of calm and instills discipline in times of crisis’

Dr Michael Ong

‘Risk varies inversely with knowledge’

Accredited BOPAS Provider View of the Assessment Process

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SIG Building Systems:

*‘BOPAS took us on a journey which **made us analyse the business in a way we had never done before**, it presented many questions, some of which we would have not thought to ask’*

*BOPAS has created the fundamentals behind our business model, is **now an integral part of our culture & defines the way we operate on a day to day basis**’*

B & K Structures:

*Gaining BOPAS certification has had a **positive impact on our business**. This has been not only in the form of continual improvement through audit and review of our management systems, but has also given key stakeholders complete confidence in all aspects of our delivery.*

BOPAS certification has created greater business opportunities for us in a very challenging market and assured the integrity of our work for years to come.

Stewart Milne Group:

*BOPAS accreditation has been invaluable to our company. Not just in terms of giving comfort to the major mortgage lenders and insurers that our Sigma II Build System is durable for at least 60 years but in **providing advice on our systems and processes which has enabled us to fine tune how we operate making us more effective as a business and ensuring we stand out in the industry**”.*

Durability Assessment – height, exposure & loading

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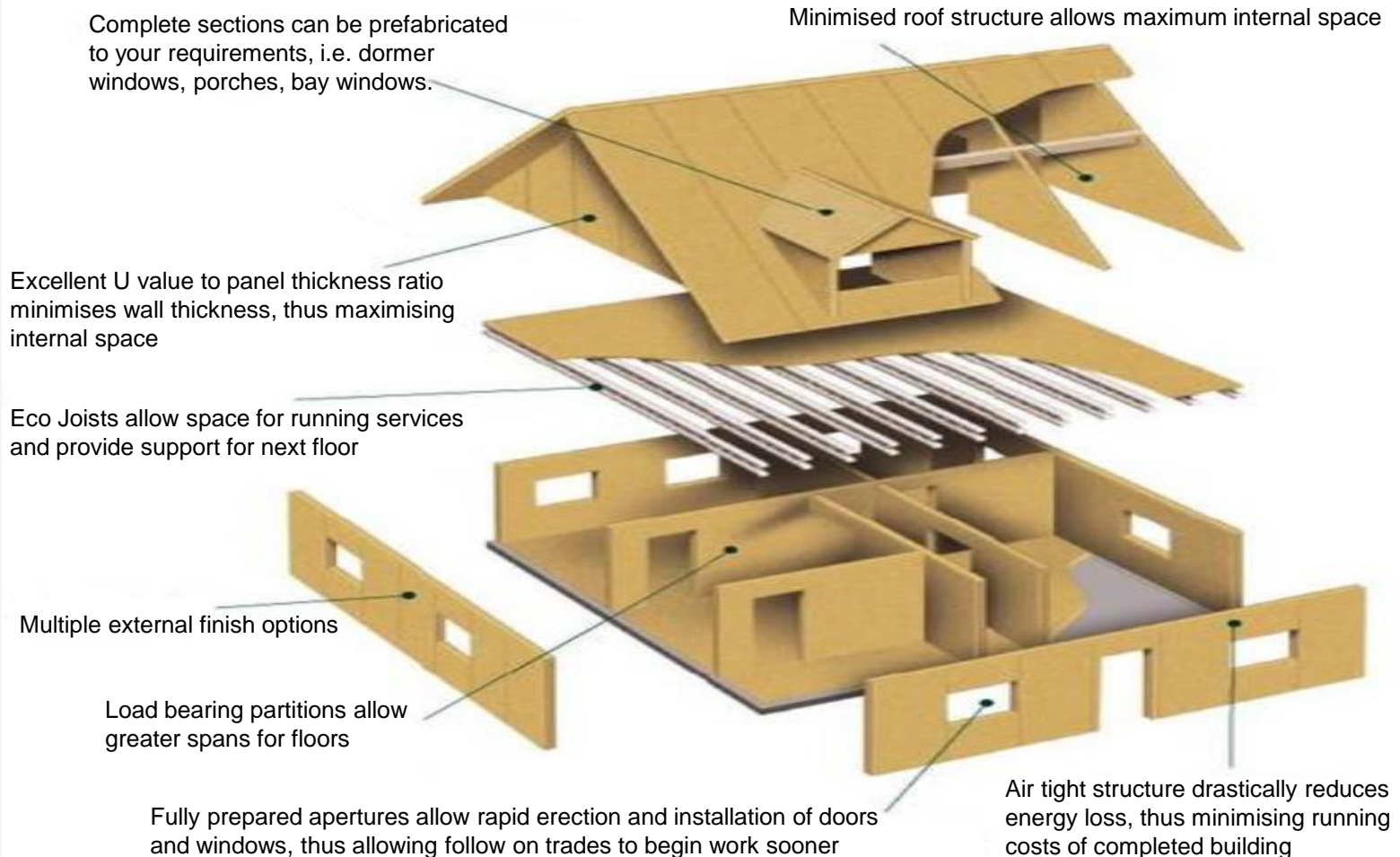
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Durability Assessment – the detail

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At the end of the process this is what we want to see much more of...

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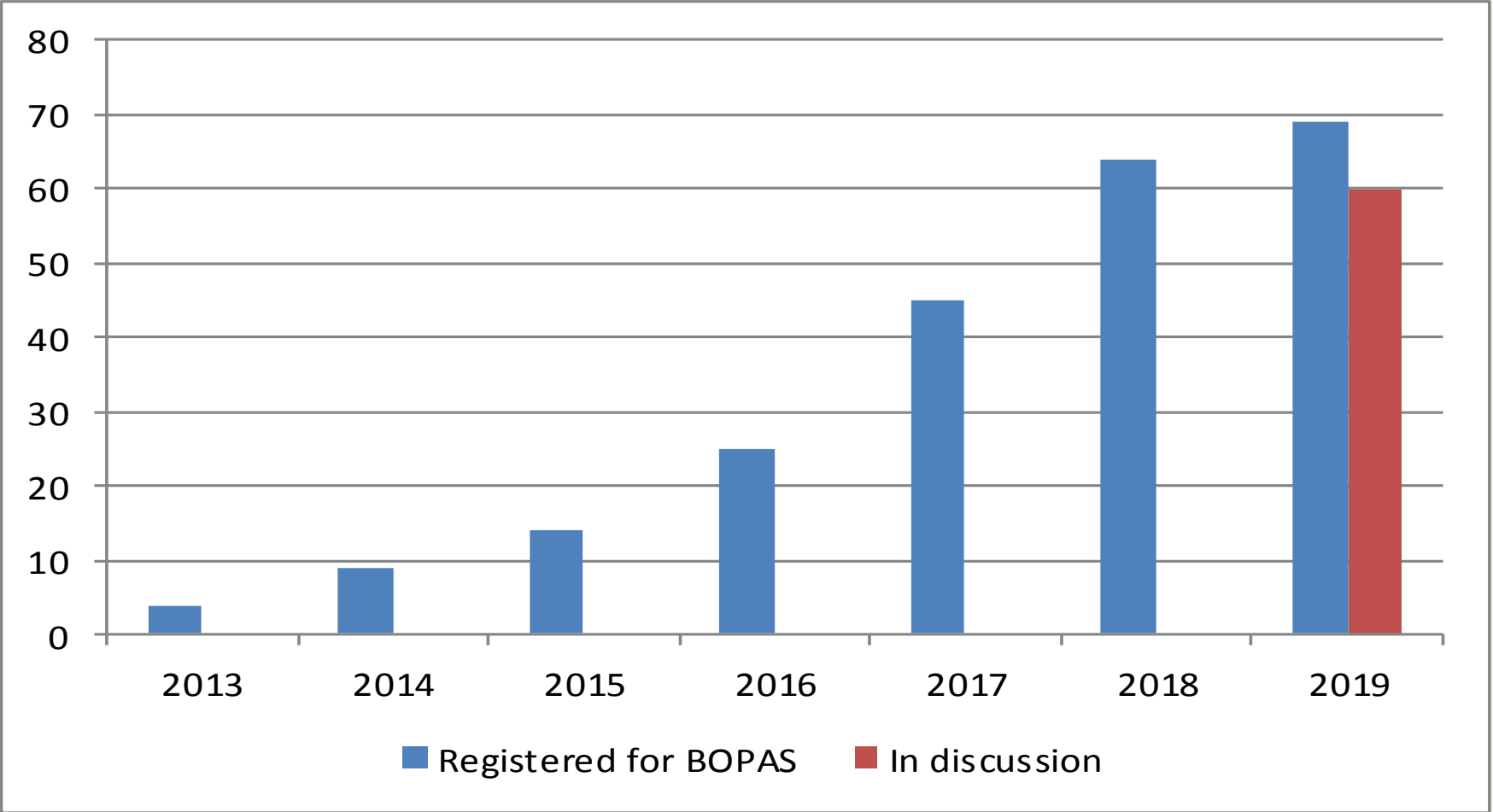
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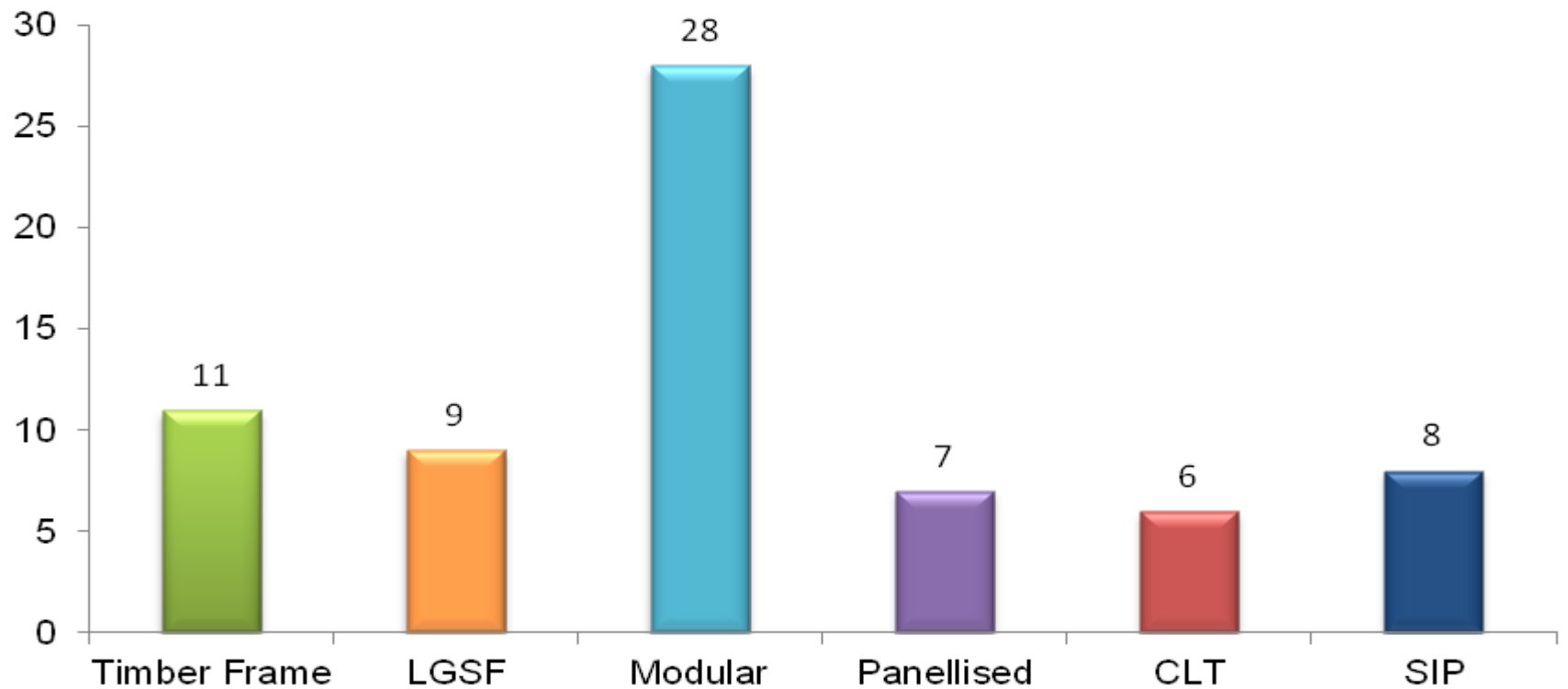
...and this



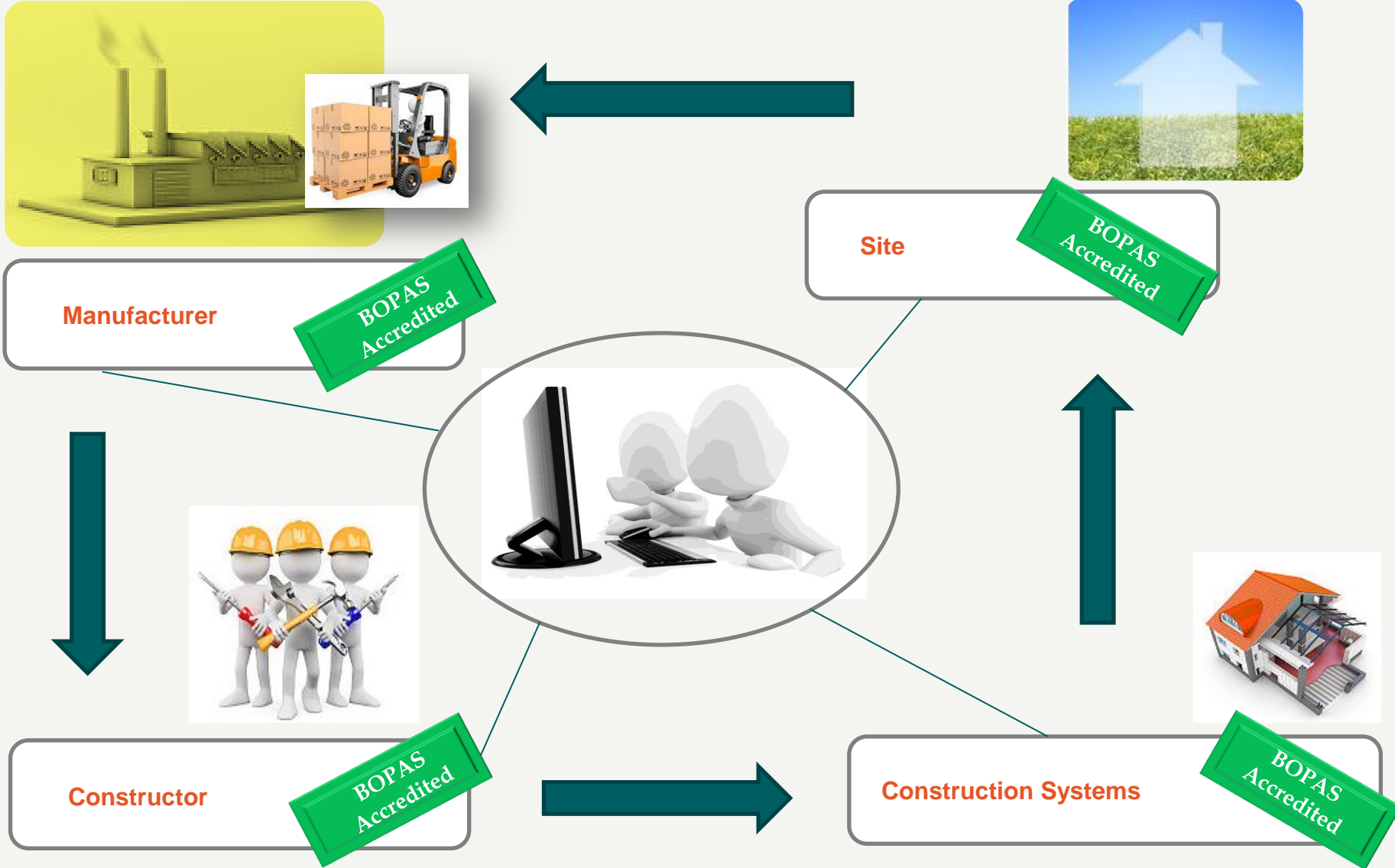
Growth since launch in 2013



System Types



BOPAS Purpose



Organisations



Key: ● Approved ● Under Assessment ● Not Assessed

Glosford SIPs	● Constructor ● Designer ● Manufacturer	SIPS
Greencore Construction	● Constructor ● Designer ● Manufacturer	
H+H and SIG Offsite	● Constructor ● Designer ● Manufacturer	SIG I-House System incorporating Celcon Elements from H+H
Hadham Construction Ltd	● Constructor ● PM Designer ● PM Manufacturer	HadFrame System
Housing Homes Ltd	● Constructor ● Designer ● Manufacturer	MiSP system
Ideal Modular Homes	● Constructor ● Designer ● Manufacturer	

Technology or Product name ▾	Approval status ▾
Fusion Insulated Steel Frame Building System	● Approved
HadFrame System	● Approved
Hybrid Modular Construction	● Approved
i-FAST	● Approved
i-SIP	● Approved
Ideal Volumetric System	● Under Assessment
ILKE Homes System	● Approved
Insulshell closed panel structural timber system	● Approved
Integrated steelframe modular system	● Approved
MassBespoke™	● Under Assessment
MiSP system	● Under Assessment
Modular Eco-Tech Construction System	● Approved

What is BOPAS accreditation looking to achieve?

The scheme provides an assurance of the integrity of offsite construction systems delivered in a consistent and competent manner conforming to contract specifications.

The BOPAS assessment involves all aspects of the business operation including systems processes and procedures, together with handover interfaces, from design through offsite manufacture and construction/assembly to client handover; all being tested against the arrangements for sustaining quality delivery, dealing with environmental and project changes and the control measures that are applied to mitigate delivery risks.

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Benchmarking Post Handover Performance

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Thank you

Any questions?

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