

Current BIM Adoption in Malaysia

GeoBuild-ing Smart Cities in Asia

Rizal Rosly
Managing Director / Co- Founder

BIMASIA

- 1. Who am I?**
- 2. BIM Adoption (Malaysia)**
- 3. Summary**

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Mohd Rizal Mohd Rosly

Passion in BIM

- **Founder of Malaysian Revit User Group**
- **BIMASIA FB fan page**

Experience

- **Property Developer & Architect Firms**
- **Local and International BIM Consultancy**

Committee

- **Malaysia BIM Competency Assessment and Certification Panel (CACP)**
- **National BIM Guide**
- **MARA Technical Advisory (BIM)**
- **Building Smart Malaysian Chapter**

Trainer

- **Certified HRDF Trainer**

Speaker

- **CIDB, PKNS, FIABCI, AUTODESK and MAHB**

Award

- **CIDB BIM Appreciation Award 2015**





Malaysian Revit User Group

- **800 members**
- **Open platform to discuss technical issues about Autodesk Revit**



BIMASIA Facebook Fan Page

- **1600 likes**
- **Awareness about BIM**

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Trainer

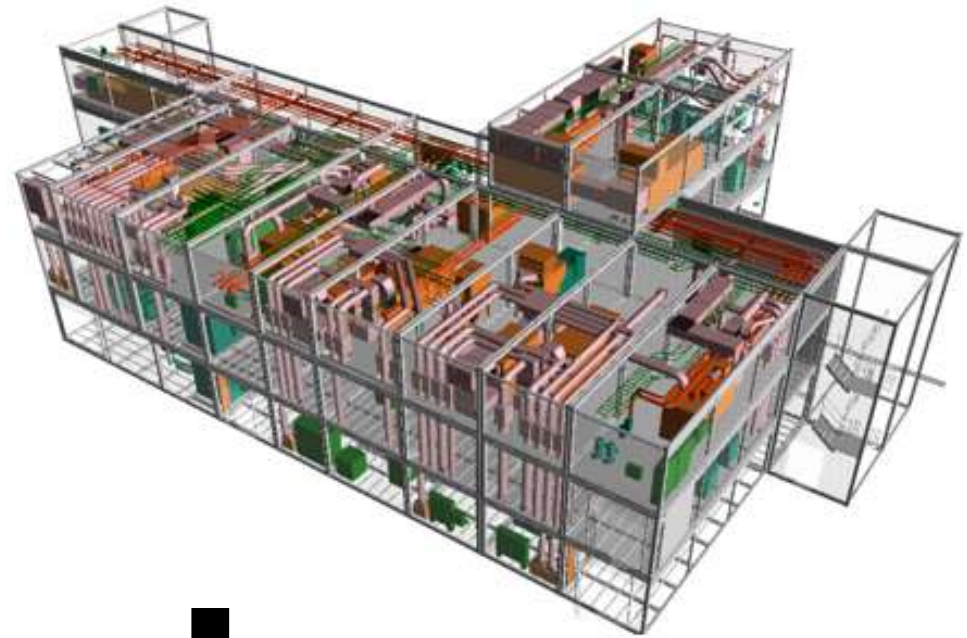
- **Certified HRDF Trainer**

Speaker

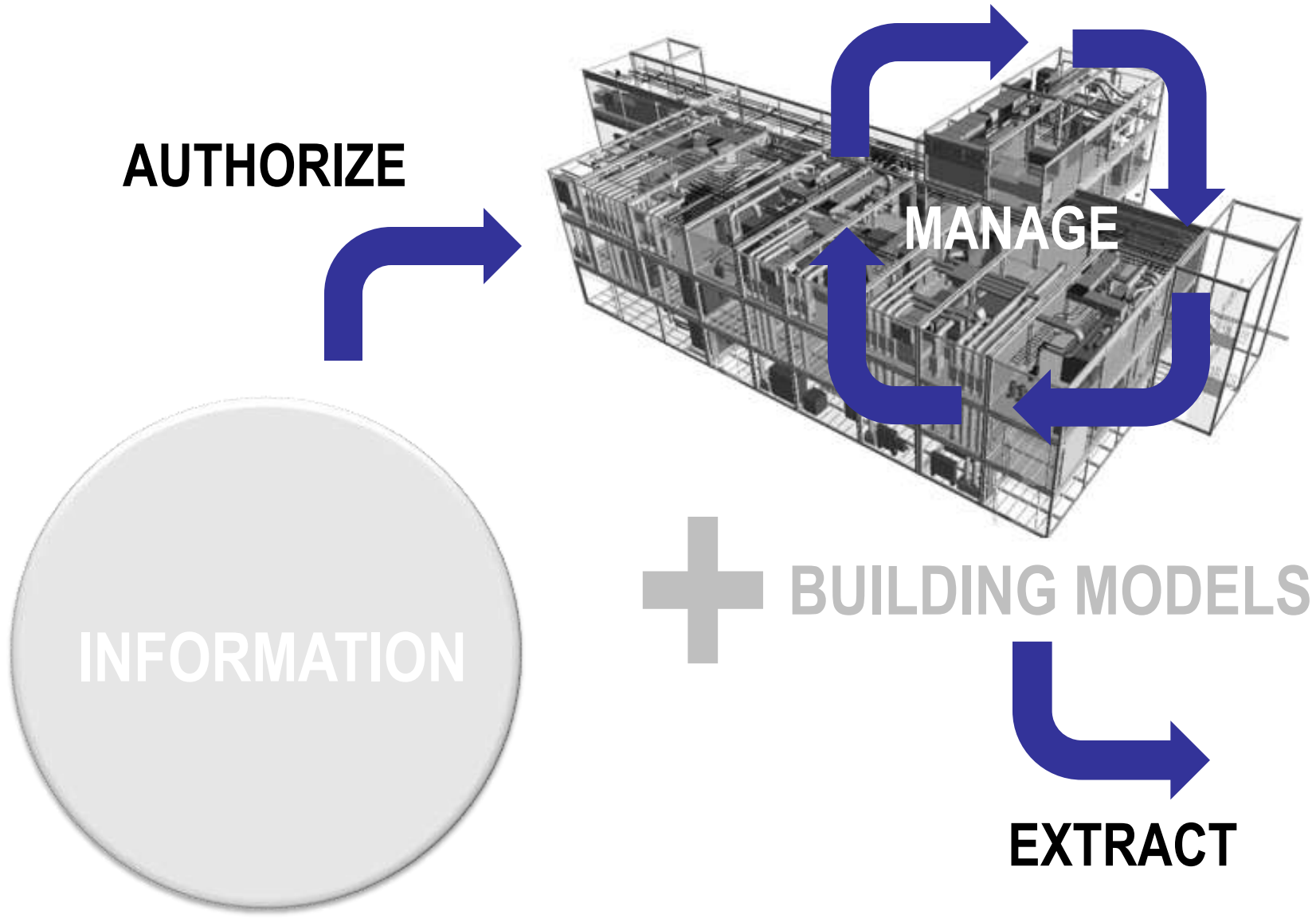
- **CIDB, PKNS, FIABCI, AUTODESK, JKR and MAHB**



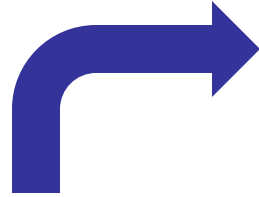
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+ BUILDING MODELS



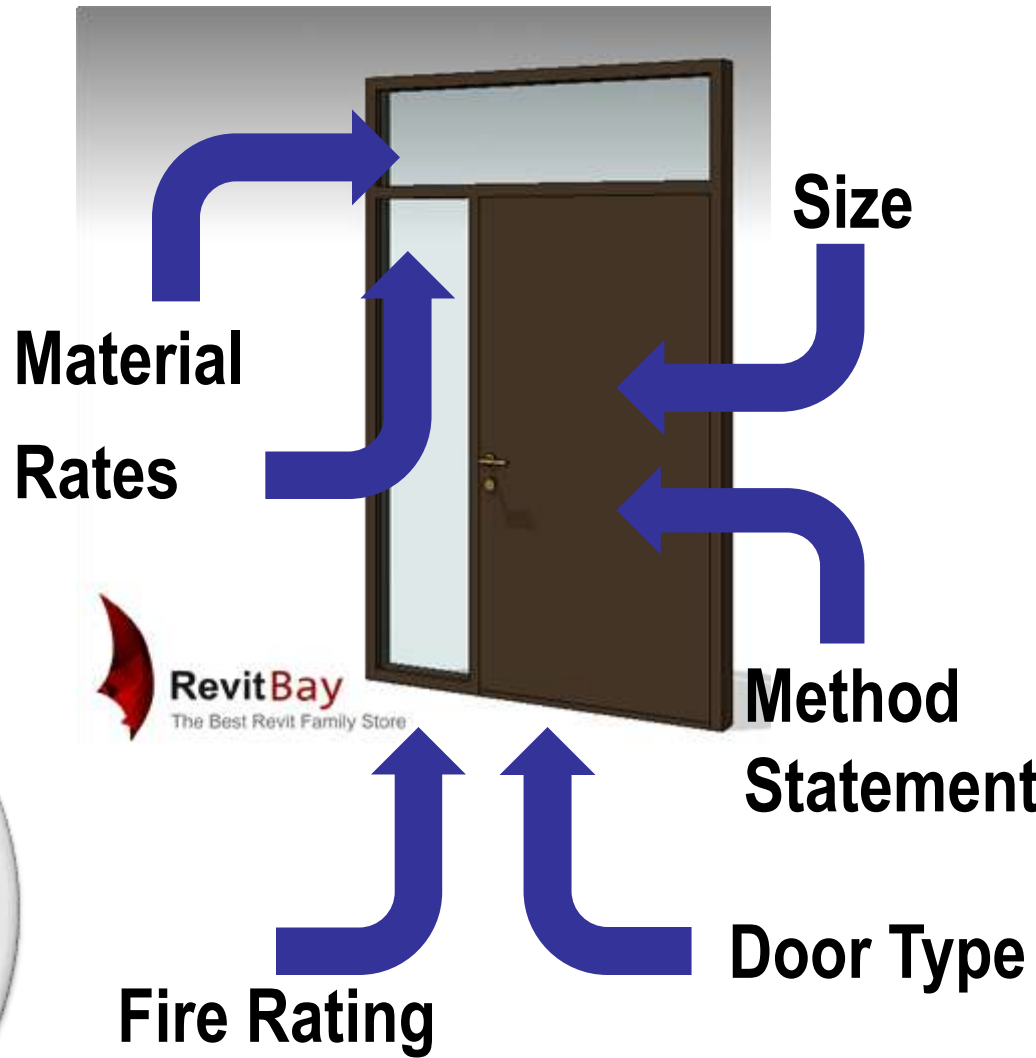
AUTHORIZE

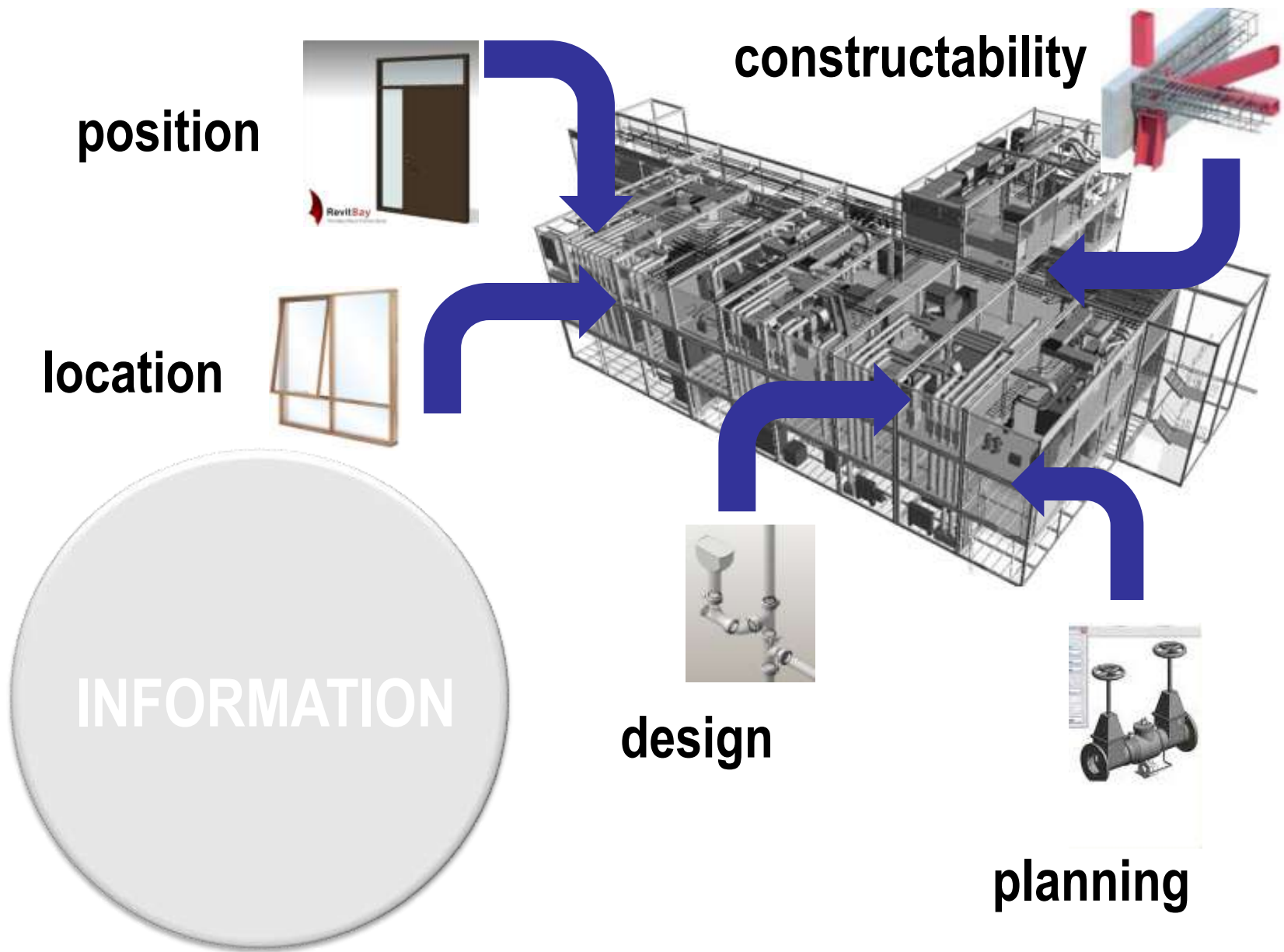


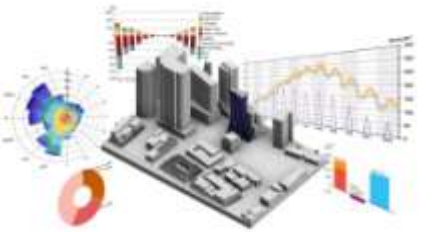
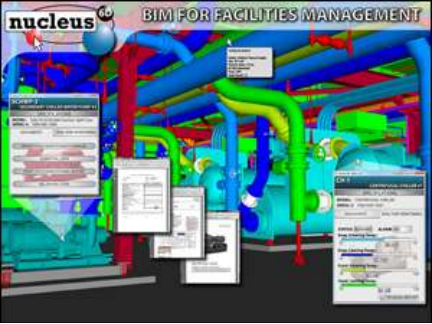
INFORMATION



e.g : Door







Maintenance

Scheduling

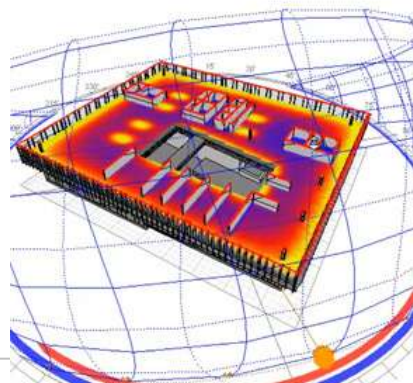
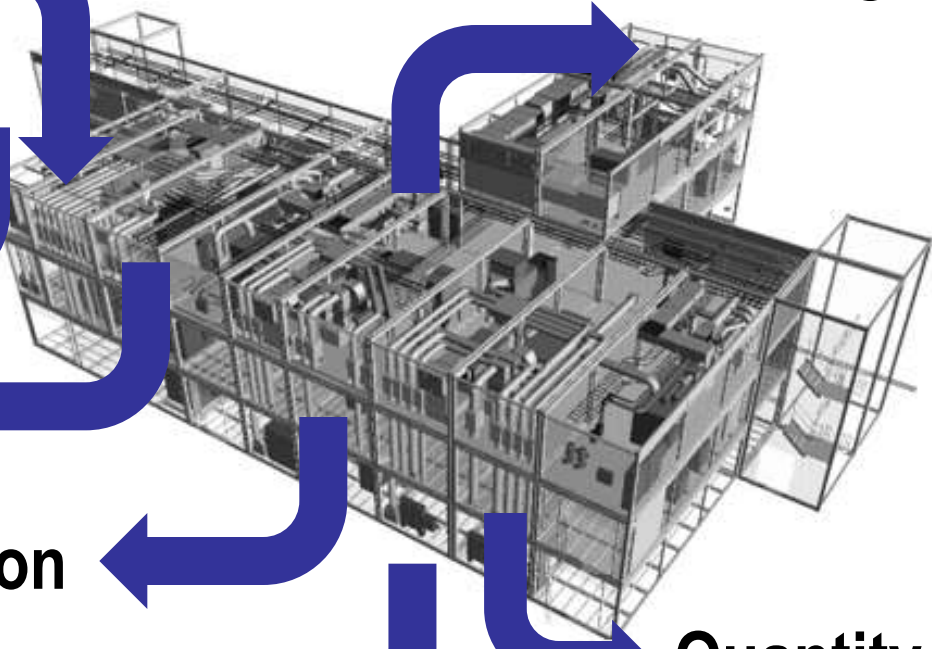
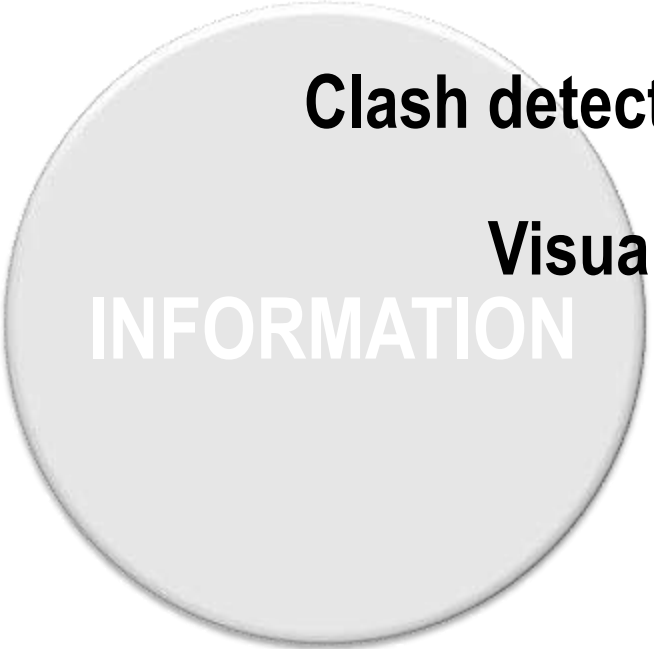
Analysis

Performance

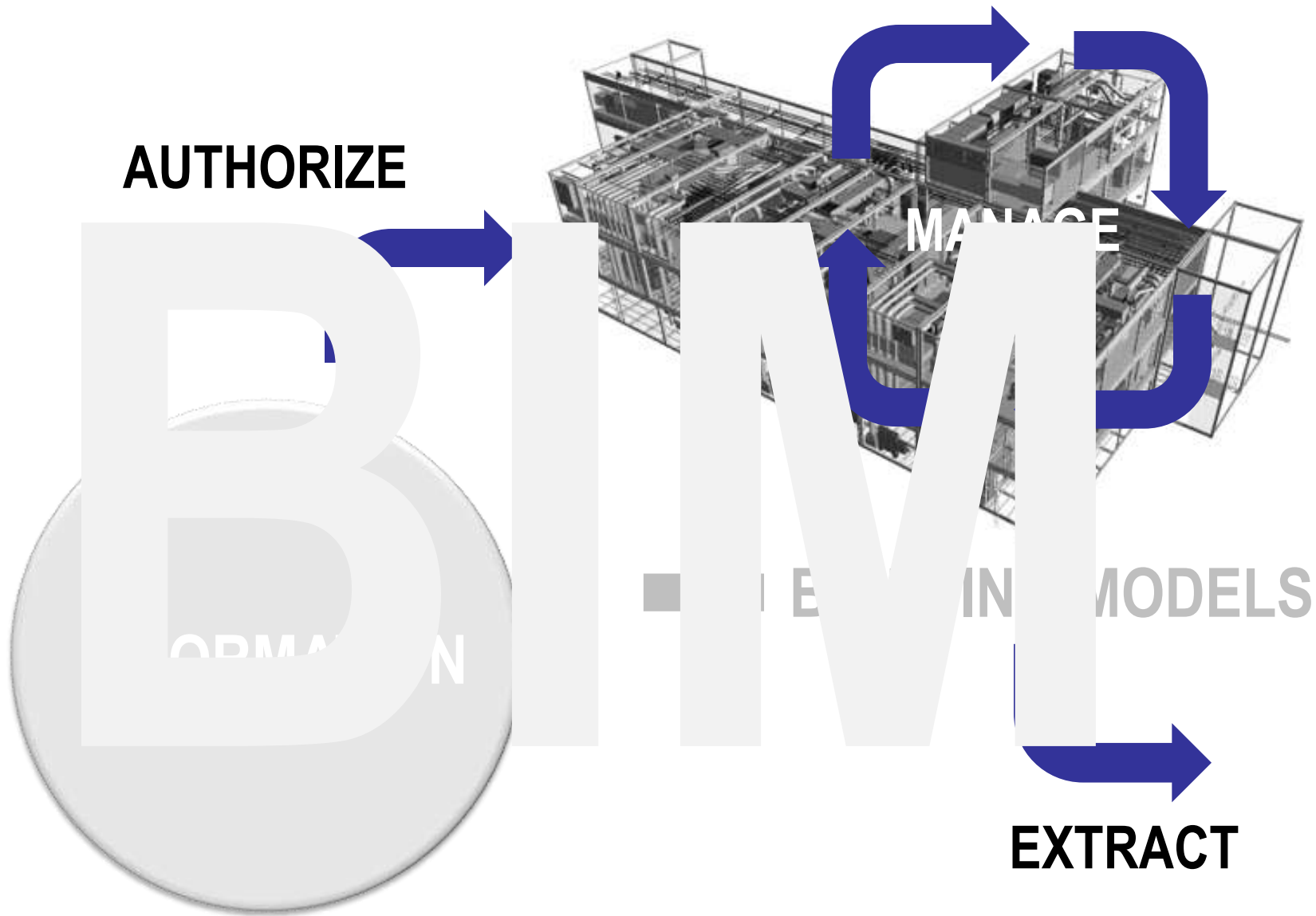
Clash detection

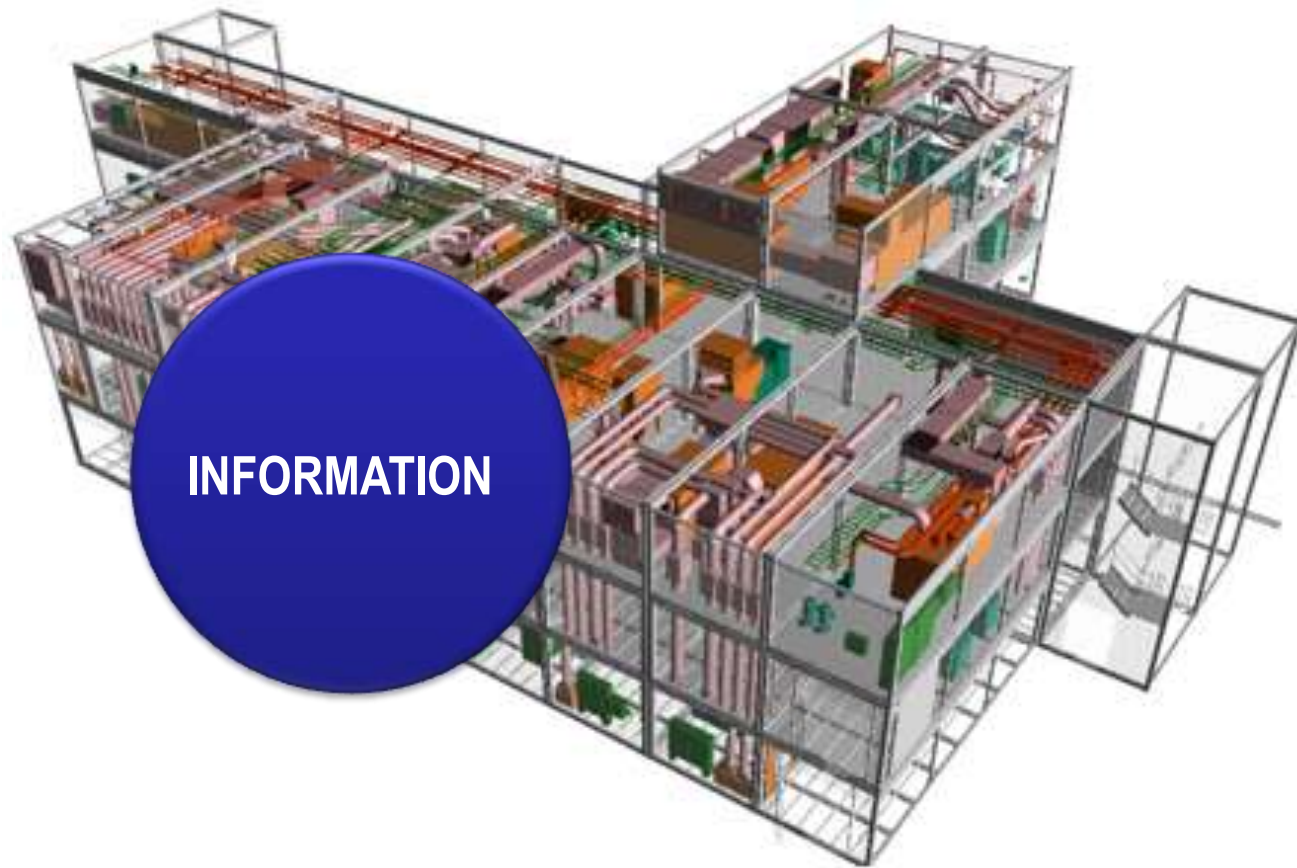
Visualization

Quantity



<Multi-Category Material Takeoff>			
A	B	C	D
Family and Type	Material Name	Material: Area	Material: Volume
Basic Wall: Generic - 200m	Concrete, Precast	22 m²	4.38 m³
Basic Wall: Generic - 200m	Concrete, Precast	10 m²	1.92 m³
Basic Wall: Generic - 200m	Concrete, Precast	17 m²	3.33 m³
Basic Wall: Generic - 200m	Concrete, Precast	15 m²	2.99 m³
Basic Wall: Generic - 200m	Concrete, Precast	19 m²	3.81 m³
Basic Wall: Generic - 200m	Concrete, Precast	38 m²	7.68 m³
Basic Wall: Generic - 200m	Concrete, Precast	30 m²	6.00 m³
Basic Wall: Generic - 200m	Concrete, Precast	11 m²	2.16 m³
Basic Wall: Generic - 200m	Concrete, Precast	38 m²	7.69 m³
Basic Wall: Generic - 200m	Concrete, Precast	27 m²	5.40 m³
Basic Wall: Generic - 200m	Concrete, Precast	17 m²	3.48 m³





BIM MODELS


BIM – The ‘I’ that matters



I've been in construction industry for the past !@ years
And I manage to contract and build @# buildings



**And I
don't use
BIM**



I only do it because my Client ask me to do it. It is just a waste of time as we need to remodel Back after finishing the design



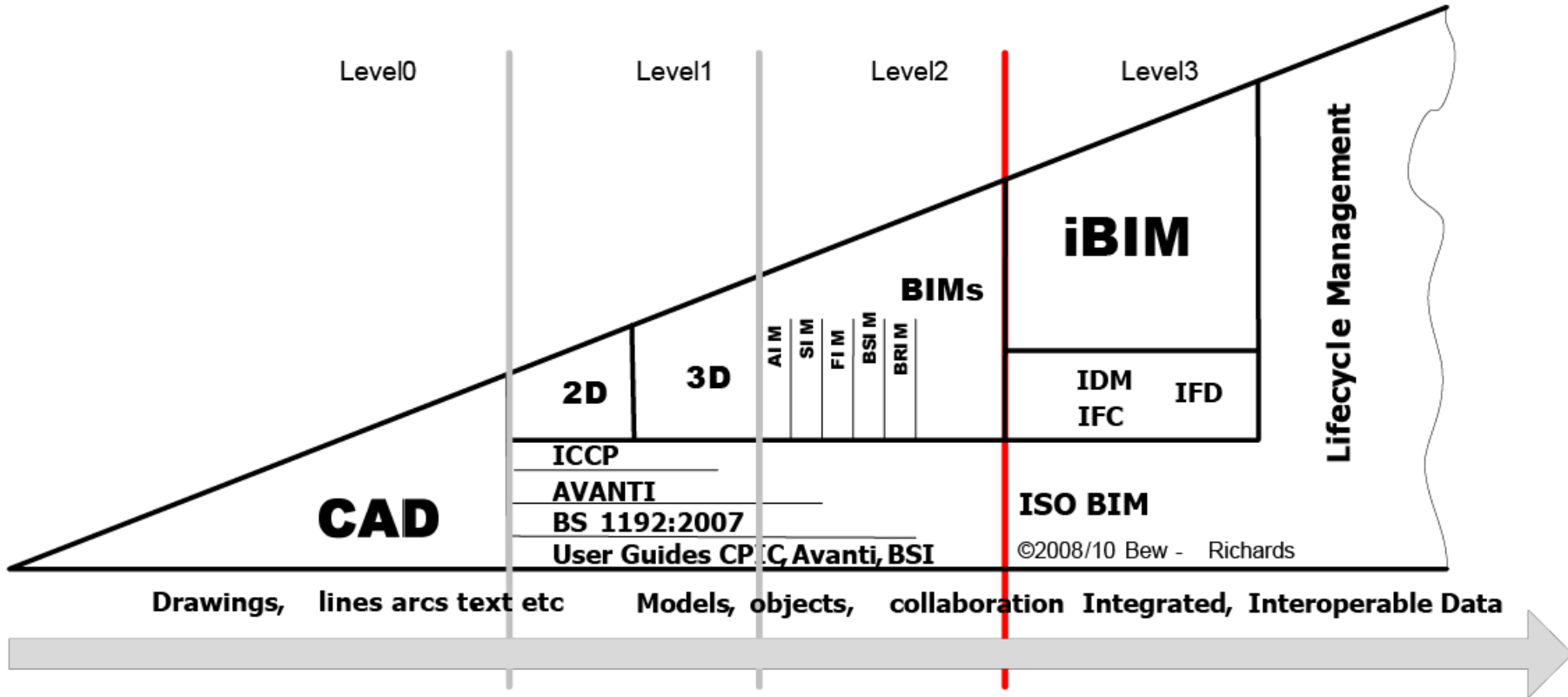
**I need to purchase those
Expensive hardwares and
software to execute BIM**



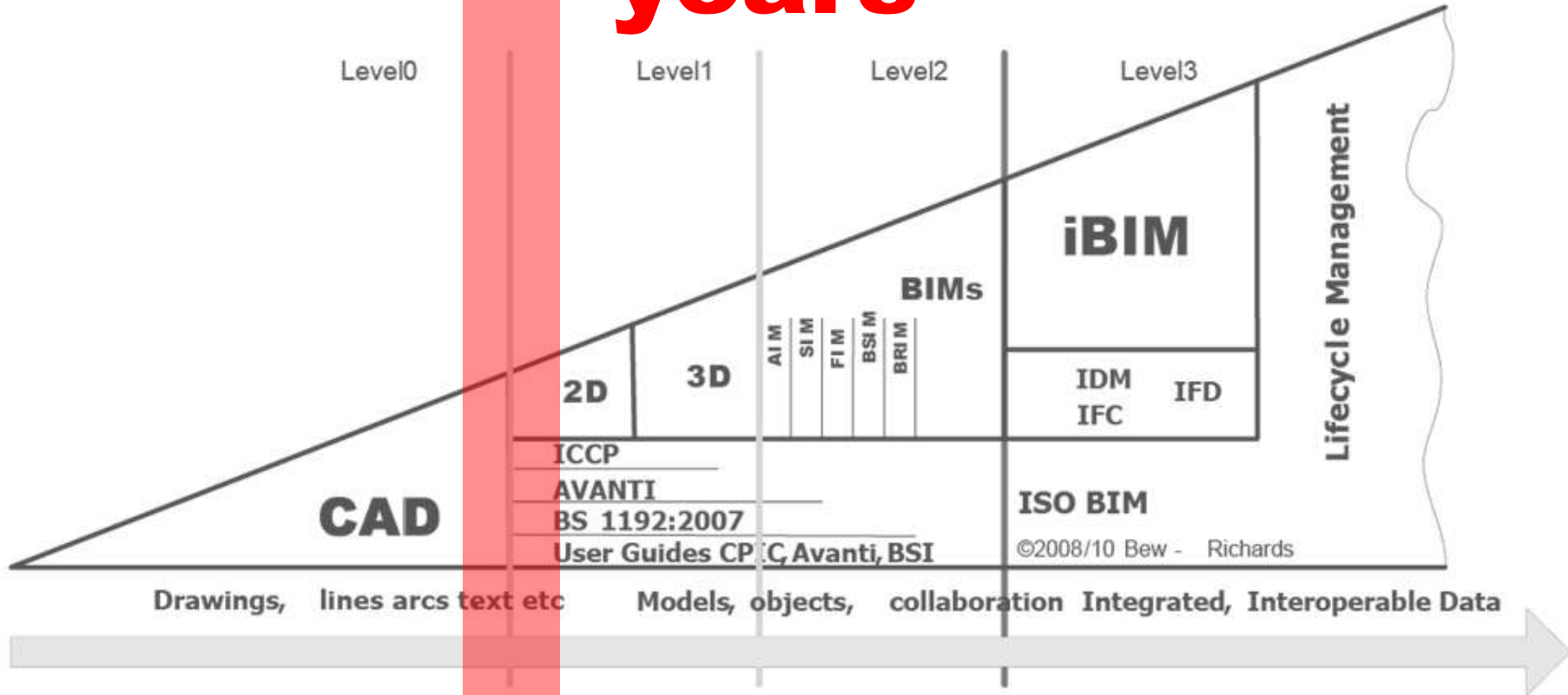
**I don't
blame them**

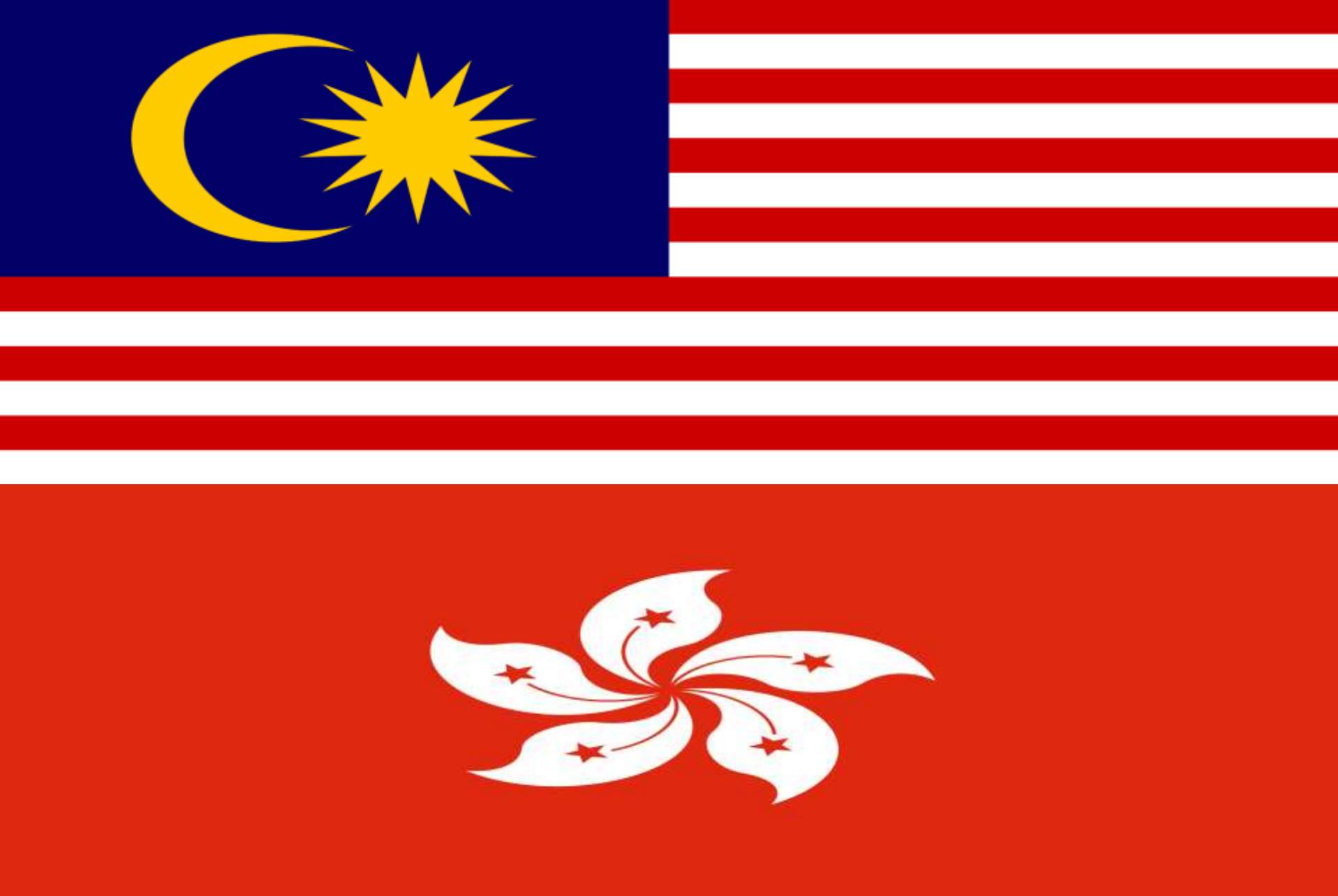
values

\$\$\$\$\$



15 years





BIM Adoption (Malaysia) | Problem Statement

BIMASIA

Top



Down



PUTRAJAYA HOLDINGS

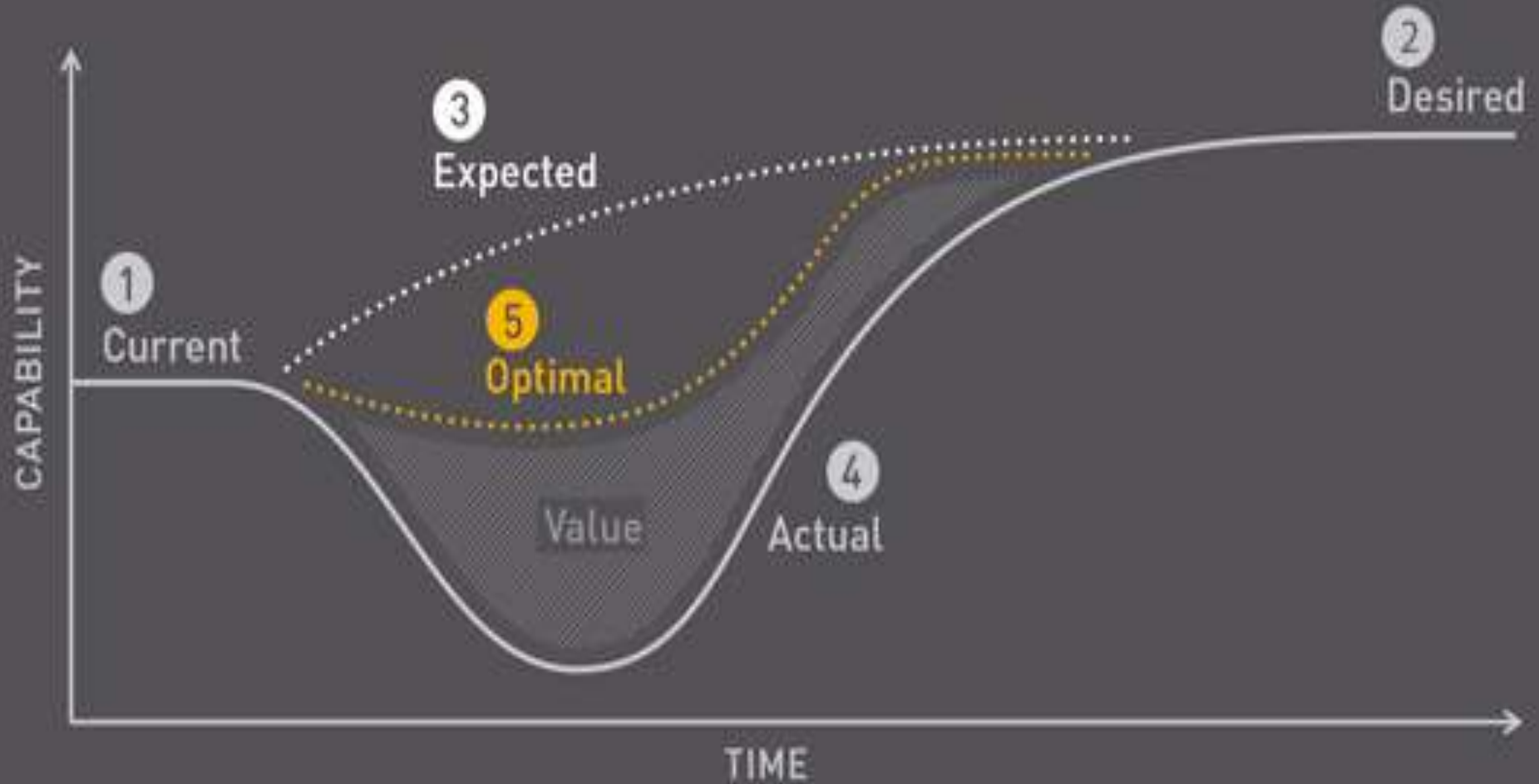


competitiveness



efficiency

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1. Current Capability - your organization pre-BIM
2. Desired Capability - your capabilities having fully implemented BIM
3. Expected Path - the path most organizations expect to take: software = desired capability

4. Actual Curve - an unavoidable learning curve that puts additional stress on organizational resources
5. Optimal Curve - with proper change management strategy, the path to sustainable BIM adoption

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**THE
POWER
IS YOURS!**



BIMASIA

Thank You