



XXVI FIG CONGRESS

8-11 May 2018, İstanbul



BIM IMPLEMENTATION IN MALAYSIA : A CASE STUDY IN DEPARTMENT OF SURVEY AND MAPPING MALAYSIA

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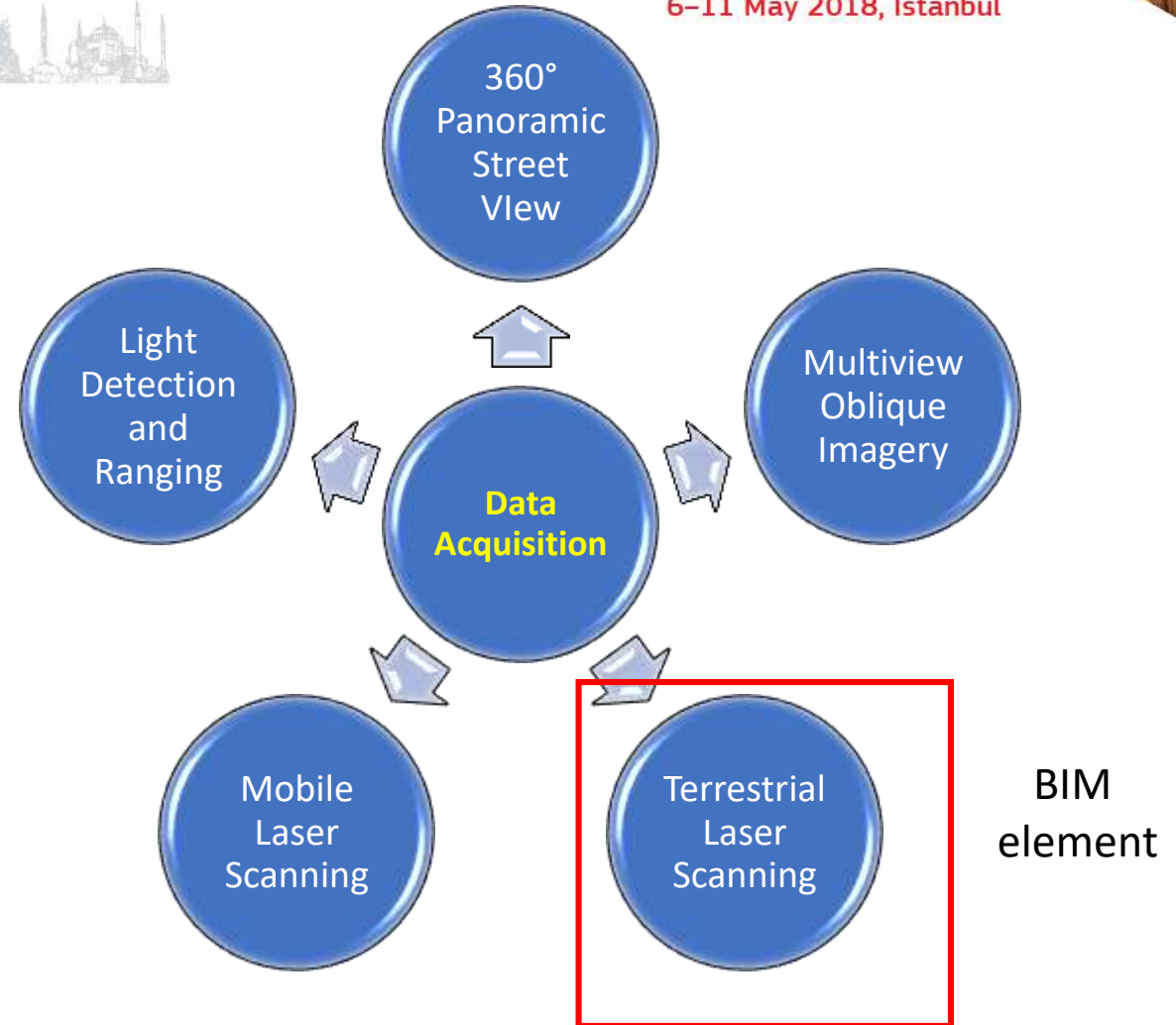
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SmartKADASTER elements:

1. Hardware Infrastructure
2. **Data Acquisition**
3. Data Management and Preparation
4. Data Sharing and Dissemination



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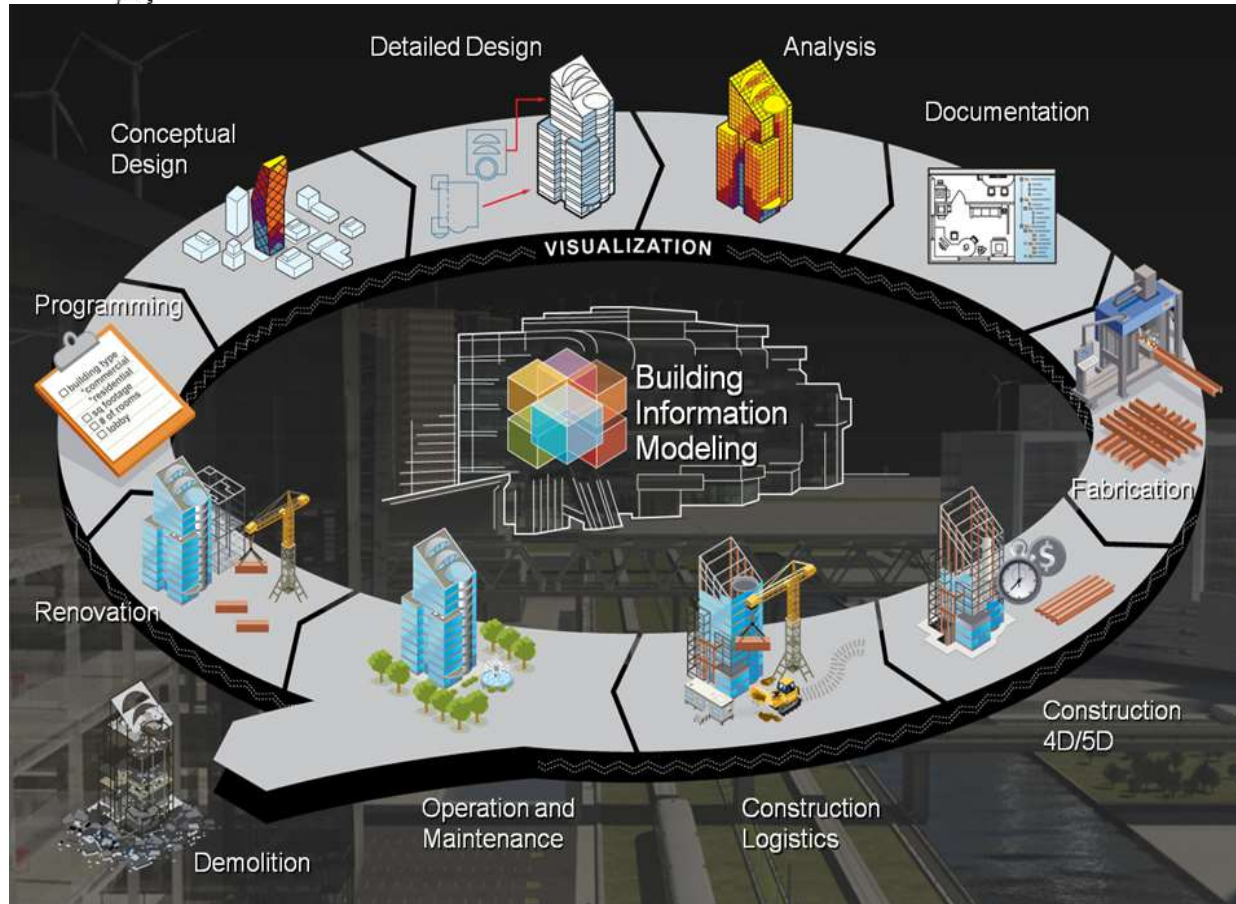


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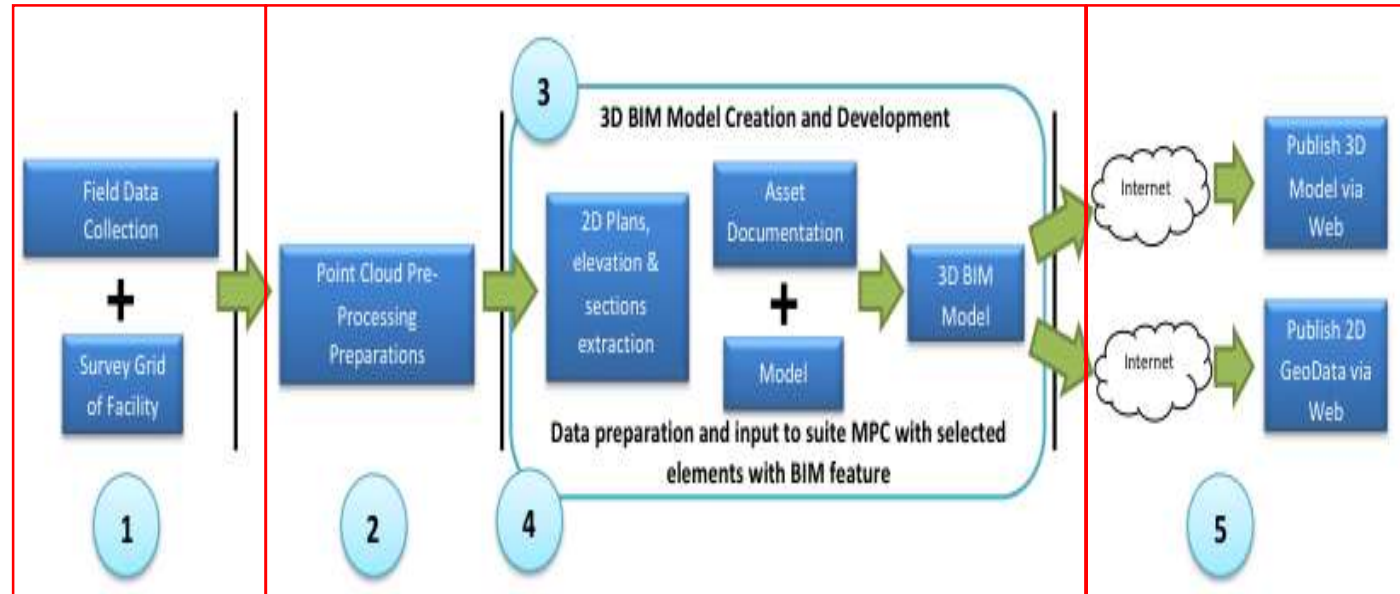
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SCAN to BIM

Scan to BIM Workflow



Data Acquisition

Data Processing

Output

Portal



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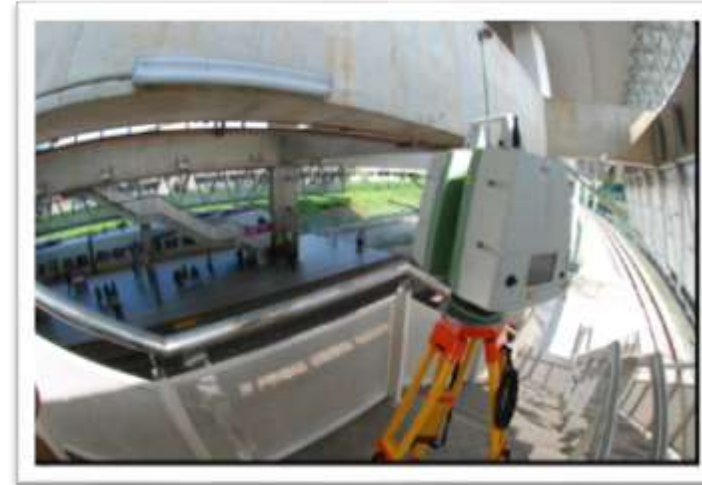


SITE RECONNAISSANCE & SCANNING



Selected Scan Area

Black & White Target



Scanning Process

DSLR Camera Mount



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REGISTRATION AND TEXTURE MAPPING

Coloured Point Cloud



Merged Scan Locations



Leica Truview Interface



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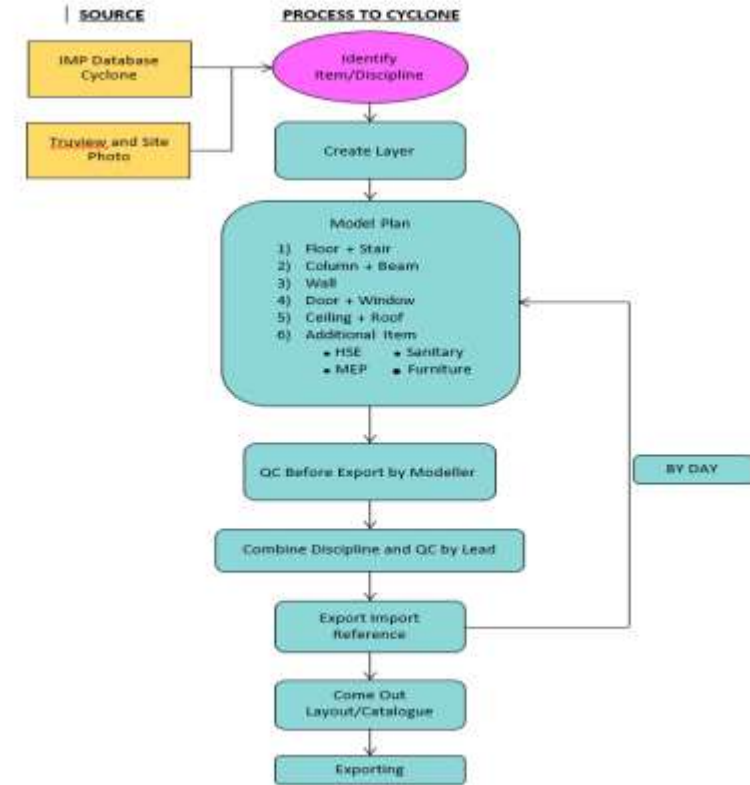


PRIMITIVE MODELLING

Primitive Model



Primitive Modelling Workflow



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Parametric Model



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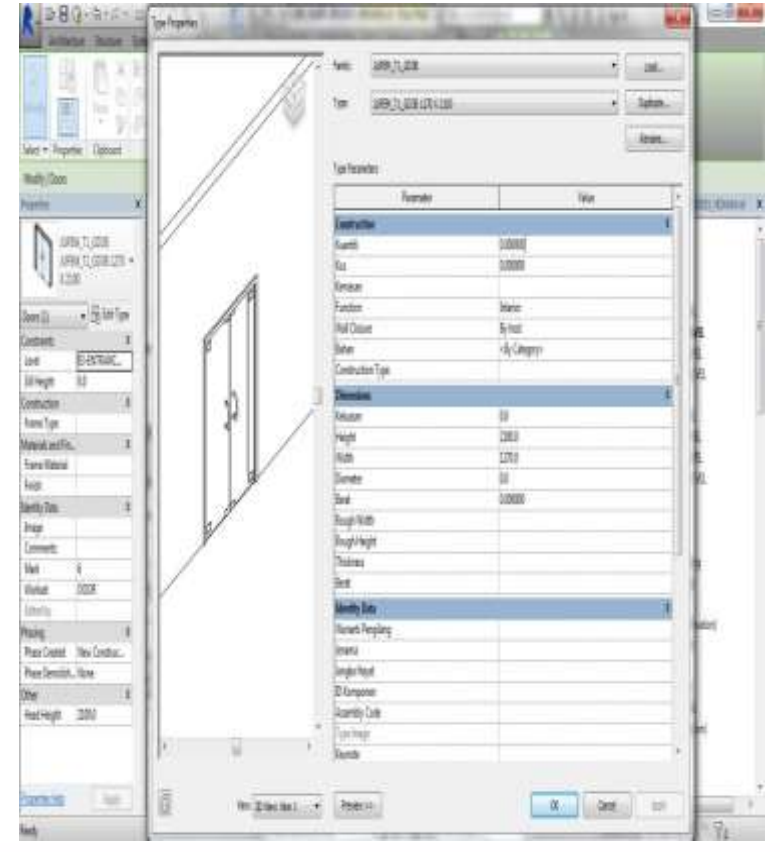


PARAMETRIC MODELLING

Interior Furniture



Attribute of The Element



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PUBLISHED IN THE PORTAL

Leica Truview Interface



Portal – SKiP Walkthrough Interface



Functions in the portal



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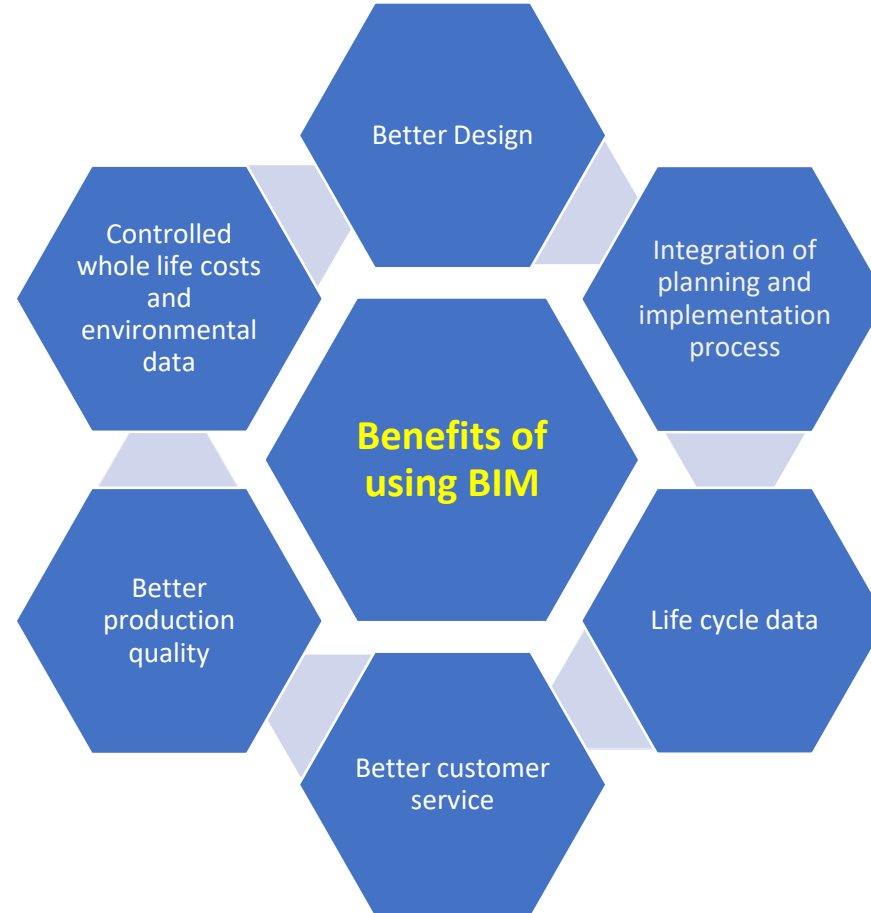
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The Way Forward

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THANK YOU

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