Integrating the client's aspirations through BIM

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Introductions

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Integrating the client's aspirations through BIM
Cients aspirations

I want one of these!

Managing clients aspirations!
Why BIM? – have to/want to

Public sector clients – Digital either has been, or will soon be, formally adopted by Governments in:

- UK – All Government departments
- Netherland
- Denmark
- Finland
- Norway
- UAE – Dubai Municipality
- European Union
- USA
- Singapore
- Hong Kong – Housing authority
- South Korea
- Canada
- South Africa
- Chile
- China
- Russia

The need
- Quality information
- Better decision making
- Cost certainty and predictability
- Health and safety on site and during operation
- Whole lifecycle approach to projects
Influencing our thoughts..
Personal & Professional challenges

Personal

Professional
Change?

We don’t fear change, we fear uncertainty!

How do we deal with uncertainty:

- Pride and good news – seeing the results
- Being one community
- Embracing our future vision with confidence and belief!
Mind reading....
Discovery...

**Key considerations:**
- Organisations vision
- Business plan
- Estate strategies
- Strategic asset plans
- Capital project team headaches
- Operational team headaches
- Client teams
- Project stakeholder
- Supply chains

**Influences (Int & Ext):**
- Business
- Personal
- Financial
- Culture
- Time
- Internal & external politics
- **Project stakeholders**
- **Supply chains**
What are we trying to achieve?

Success for the construction sector is improving certainty of project outcomes through:

✓ Application of digital technologies
✓ Improved productivity
✓ Developing a built environment that is much more optimised through life in its performance
✓ A cultural shift and change of mind set
Identify BIM uses that provide value

REQUERED BIM USES

Pre-design
- Existing conditions modelling
- Site analysis

Forward planning
- Planning, sequencing and simulation
- Visualisation and communication

Design
- Design authoring
- Spatial planning and optimisation
- 3D design reviews
- Drawing generation
- Data classification
- Bespoke BIM object library authoring
- 3D coordination
- Assurance and data validation
- Buildability analysis

Construction
- Field management tracking
- Record modelling

Operations & Maintenance
- Asset management
- Planned maintenance
Define BIM Strategy

1. Understanding your needs

2. Articulating your requirements

3. Achieving your outcomes

Estate Strategy

OIR → AIR → EIR

AIM → PIM
Outputs that provide value

Outputs that provide value to all project stakeholders

Happy client 😊