

# BIM the UK Way

Presented by

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*“Government will require fully collaborative BIM level 2 (with all project, and asset information, documentation and data being electronic) as a minimum by 2016”*

*- UK Government Construction Strategy May 2011*

# Overview

- The UK Construction Strategy and BIM
- Response to the Strategy
- Progress and challenges
- UK BIM Framework
- Potential for Canada

# The UK Construction Strategy

- Construction Strategy - 14 months to write
- New model for public sector procurement
- *Chief Construction Advisor* role created reporting directly to Cabinet Office

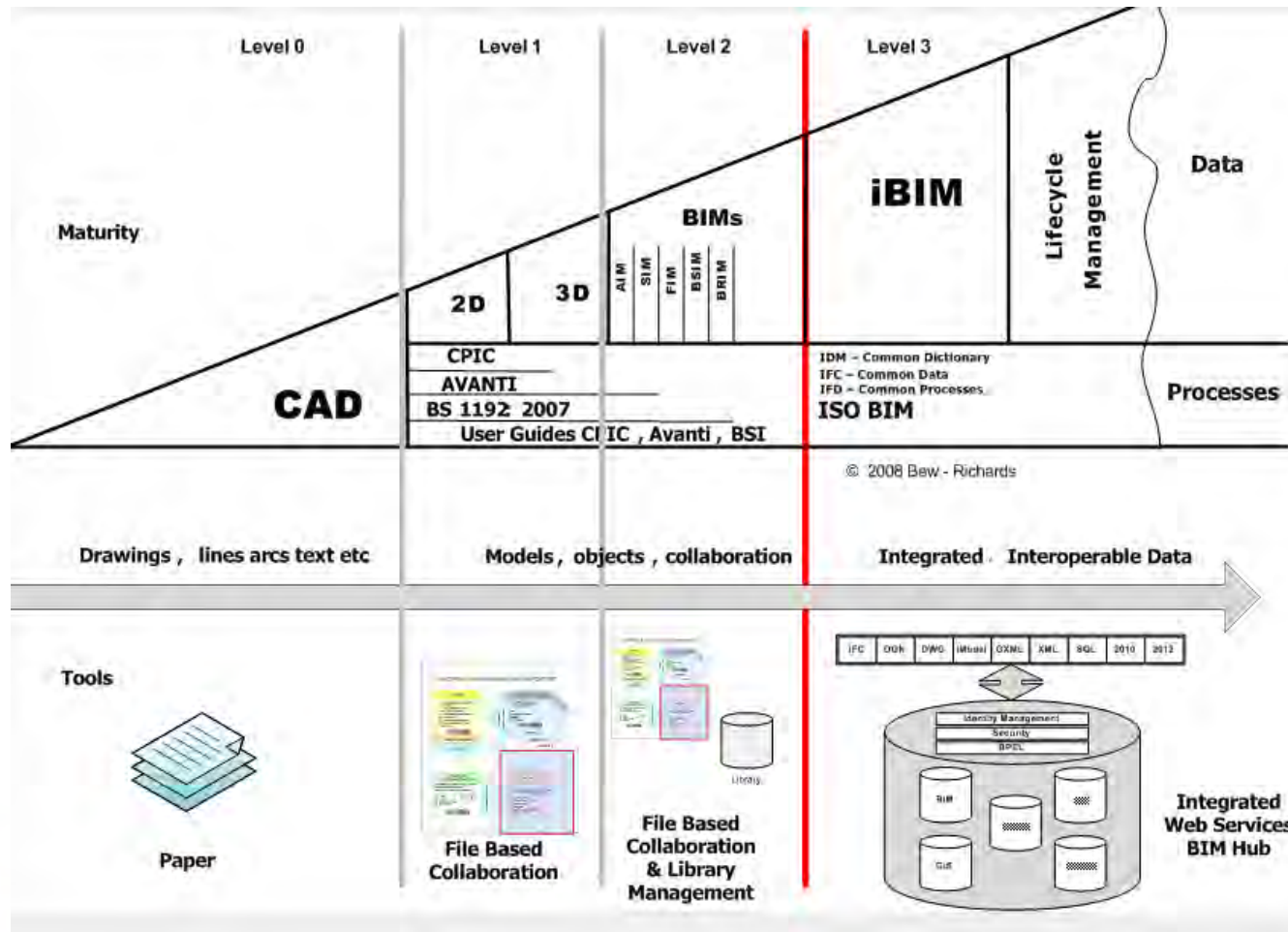
## Response to Strategy

- [BIM Task Group](#) created
  - *Participants from: industry, government, public sector, institutes, academia*
- Construction Industry Research and Information Association (CIRIA) Workshops
- Defining BIM

## What is BIM?

- 3-D computer-aided design (CAD)
- Tool for clash & interference detection
- GIS for buildings
- Collaborative process used throughout the life-cycle of a building or infrastructure asset
- Structured collation and utilization of building data

# What is Level 2 BIM?



## Response - The BIM Toolbox

- Government Soft Landing (GSL) program
- BIM Protocol
- PAS 1192-2:2013
- PAS 1192-3:2014
- BS 1192-4:2014
- Digital Plan of Works (DPoW)
- Standard classification system



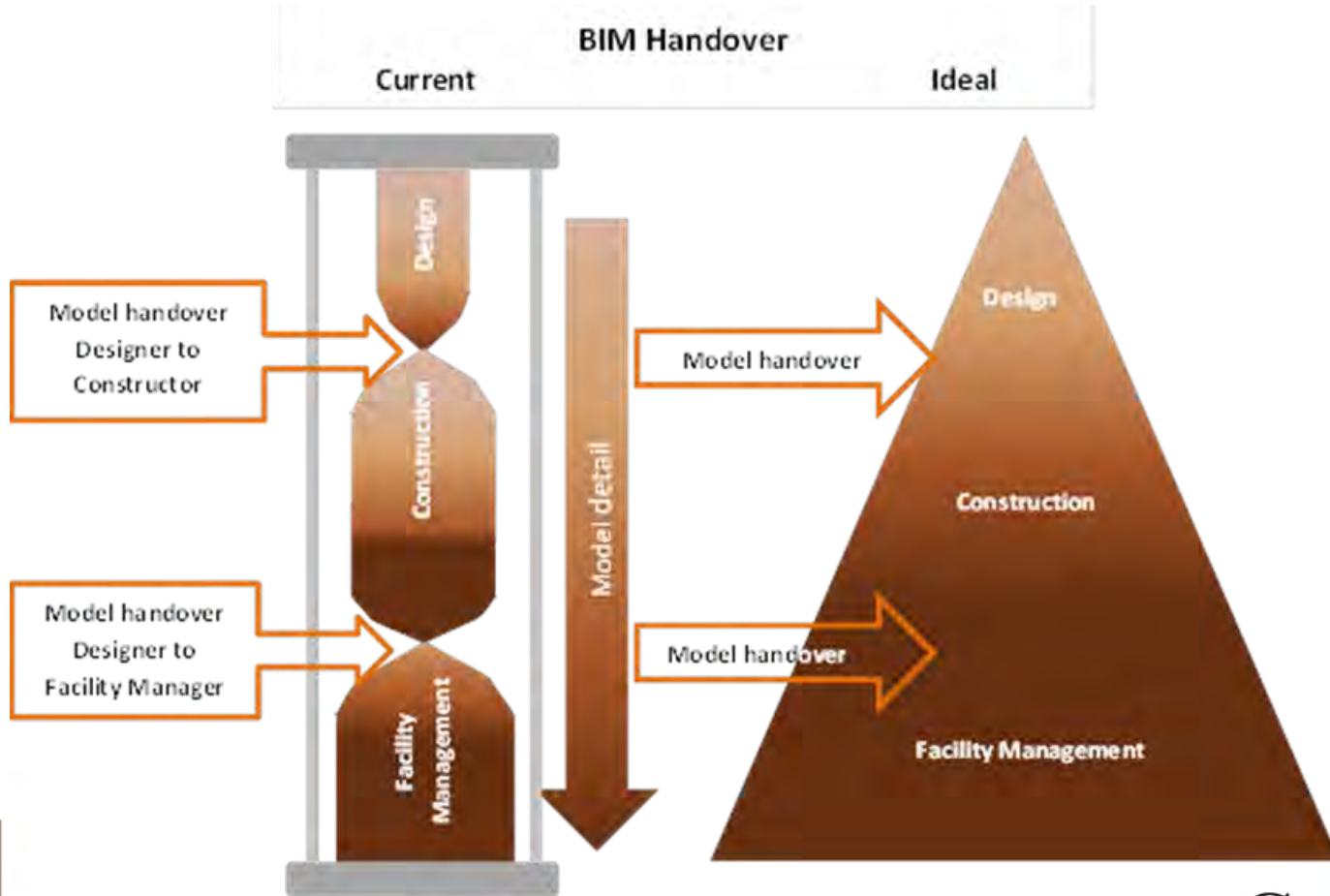
# Progress

- Importance of BIM champion AND senior management support
- BIM push, forcing supply chain to respond

# Challenges

- Focus was on ‘*how*’ before the ‘*what*’
- Understanding what to do with information/  
data
  - *What information do I need & what detail?*
  - *How do I move it along?*

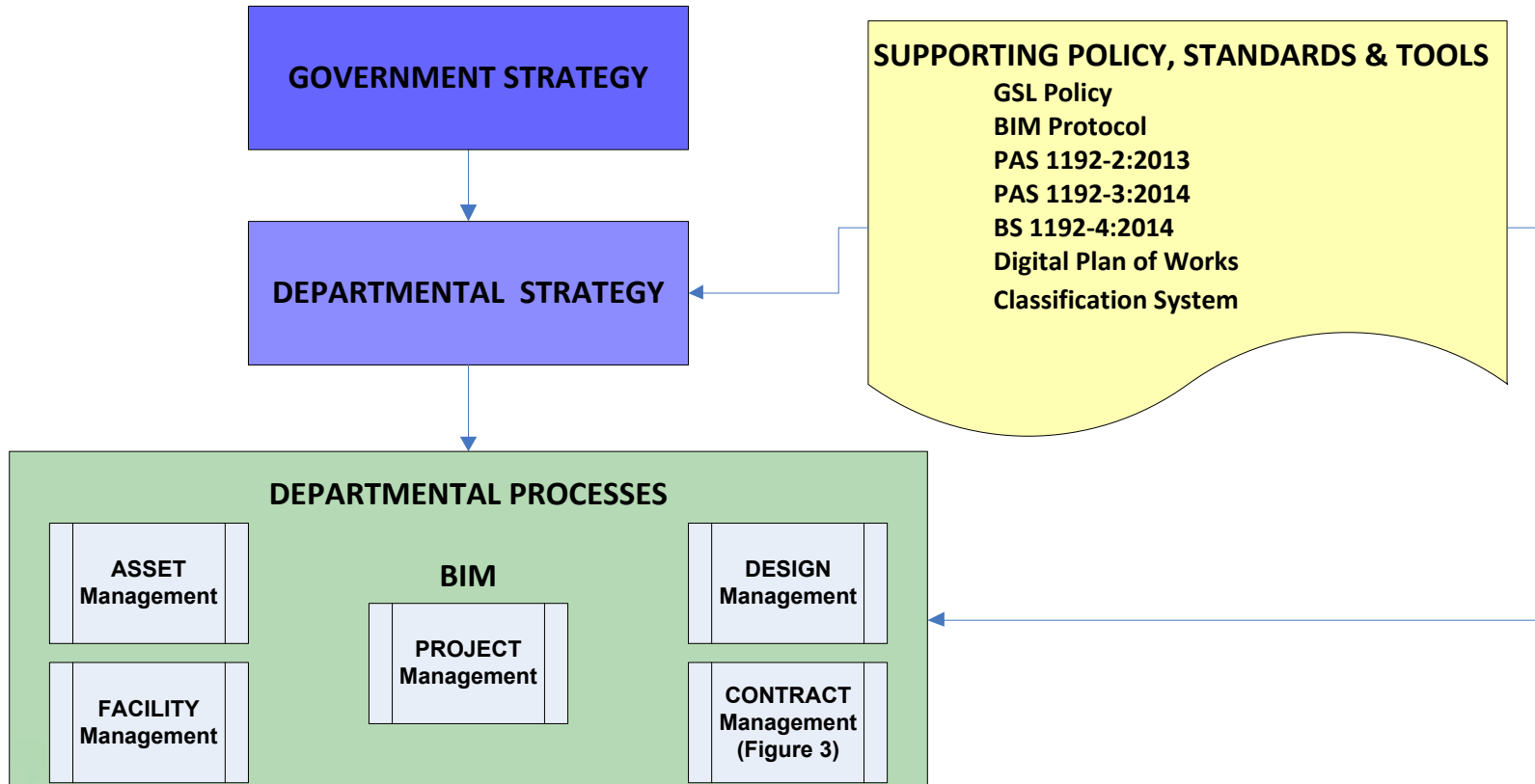
# The Data Plug



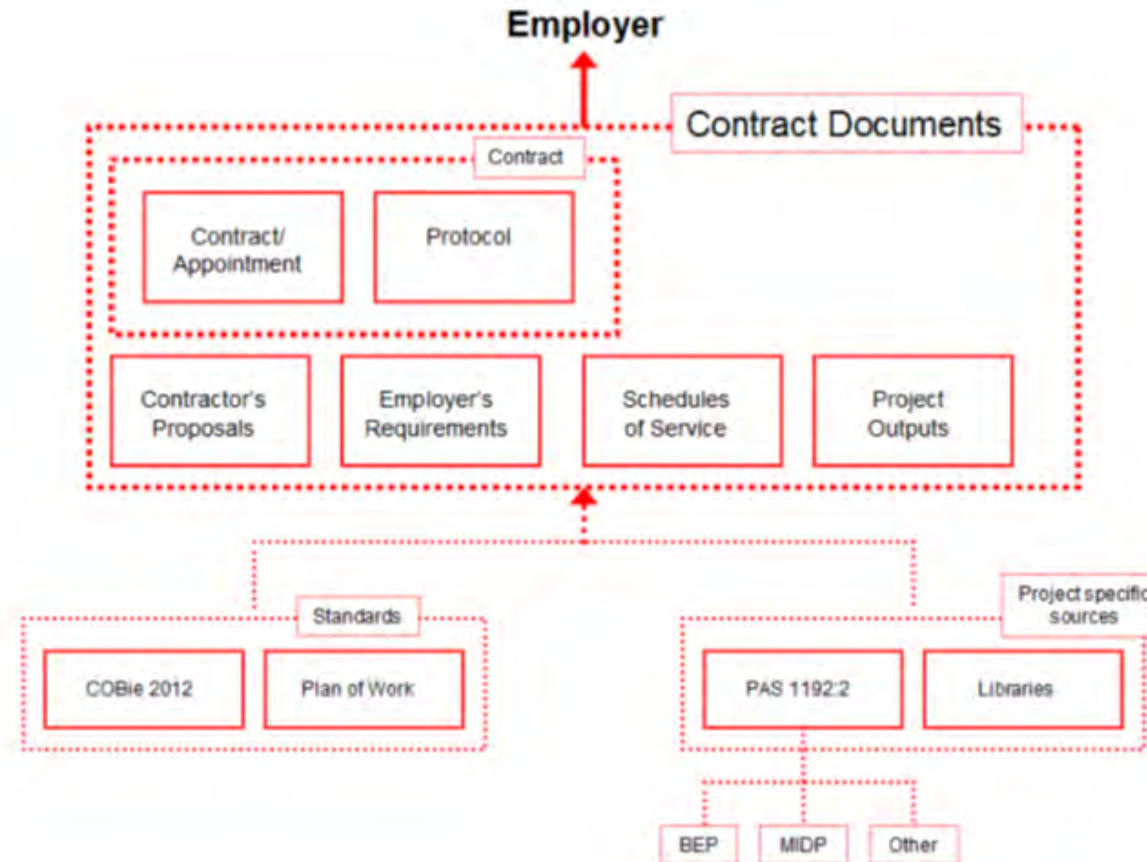
# Successes/Applications

- Ministry of Justice (MoJ) early adopter
  - *Liverpool Prison kitchen refurbishment*
  - *Cookham Wood*
- Gatwick Airport
  - *BIM viewers in firefighting vehicles*

# The Outcome - UK BIM Framework



# UK Contractual Precedences



# Potential and Challenges for Canada

- UK framework is a good model
- Greatest challenge - *senior involvement and commitment*
- BIM will not be driven by industry

# Roadmap to Success

- Identify champion(s)
- Select pilot project
- Assemble project team
- Develop BIM process
- Develop BIM documents
- Implement project
- Evaluate and report



## Contact Coordinates

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Thank you!

<http://www.bimtaskgroup.org/>