







UK BIM Roadmap

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Chairman – BIM Task Group





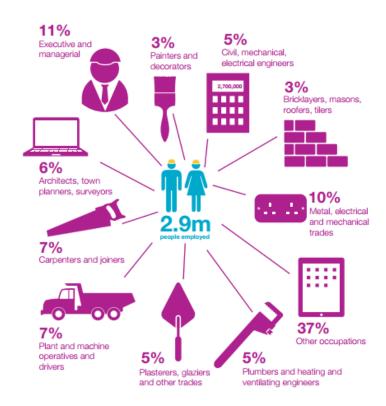
Agenda

- Introduction
- Level 2 Capex Reduction
- Progress & Benefits
- Level 3 Functional Improvement



Introduction – UK Construction





There are **2.9 million** jobs filled in the Construction Industry, circa 10% of all jobs (in over 280,000 businesses)



Introduction – Industrial Strategy

(Inc. Construction Strategy)



Lower costs

33%

reduction in the initial cost of construction and the whole life cost of built assets

Lower emissions

50%

reduction in greenhouse gas emissions in the built environment

Faster delivery

50%

reduction in the overall time, from inception to completion, for newbuild and refurbished assets

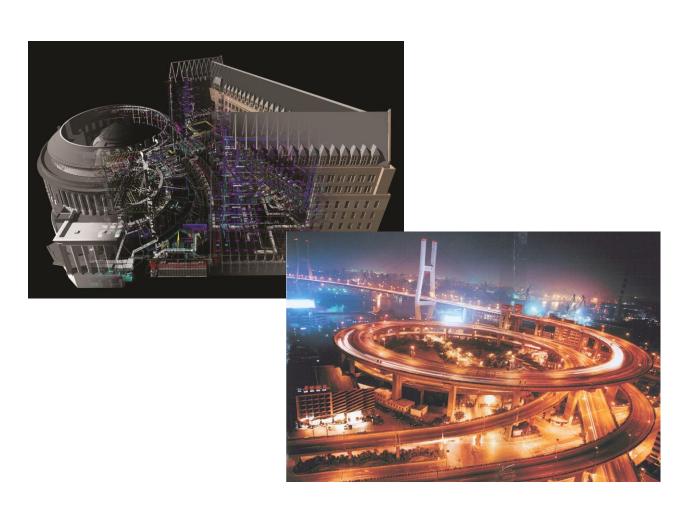
Improvement in exports

50%

reduction in the trade gap between total exports and total imports for construction products and materials



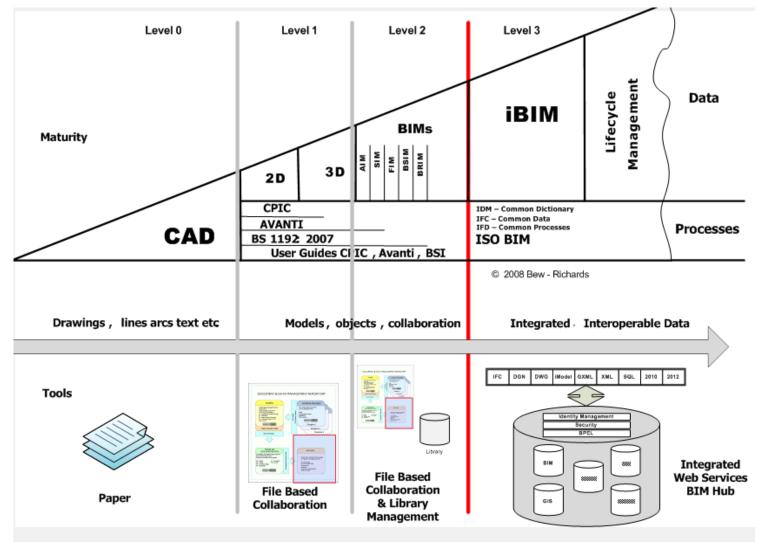
Smart – BIM – GIS - Smart Cities & Grids



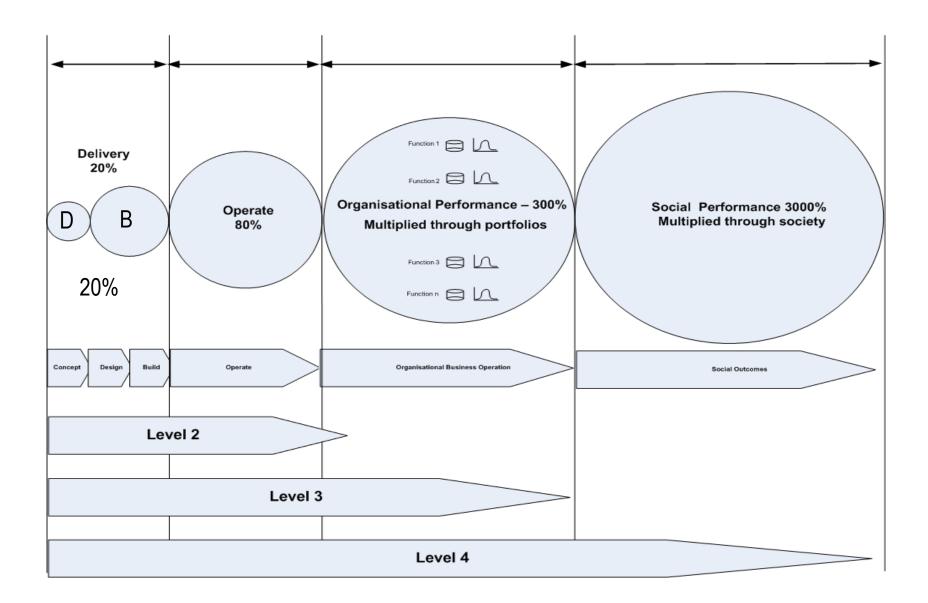




What is BIM?

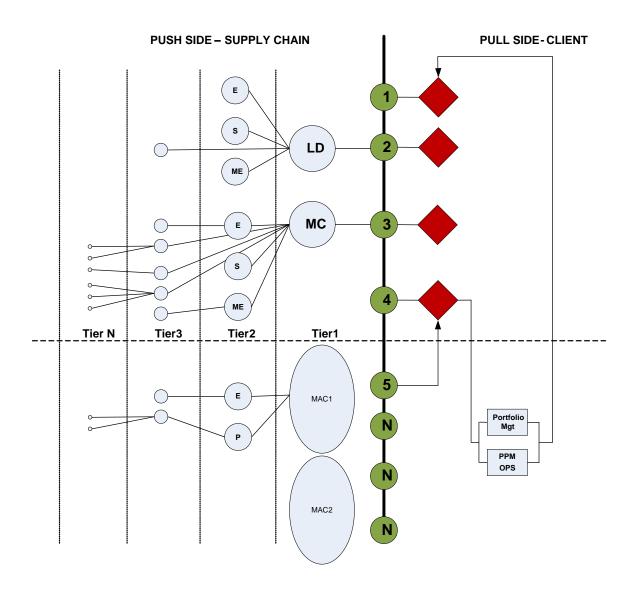




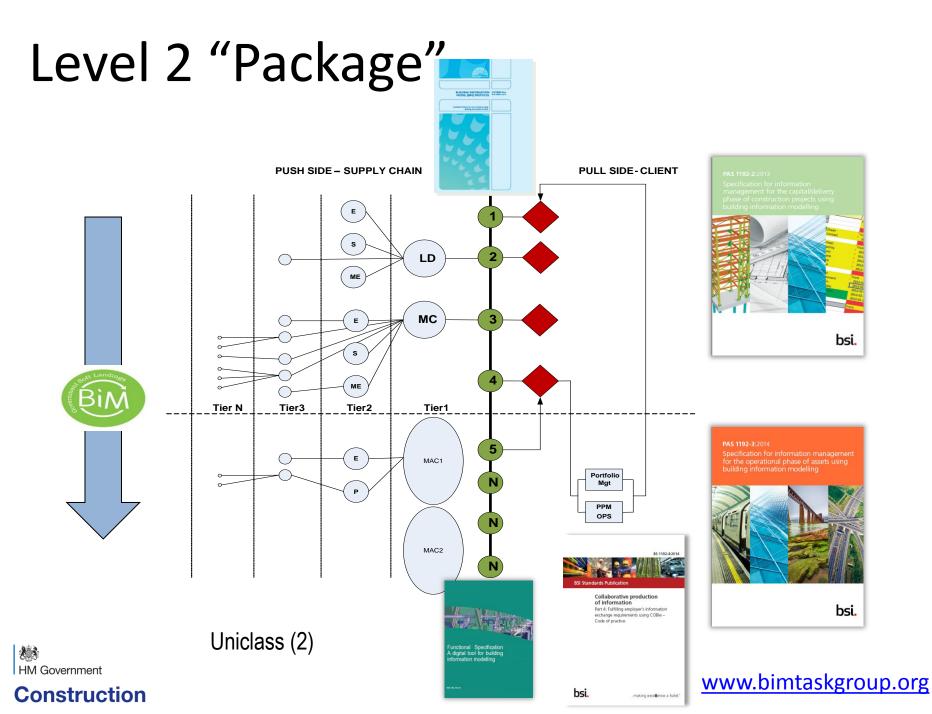




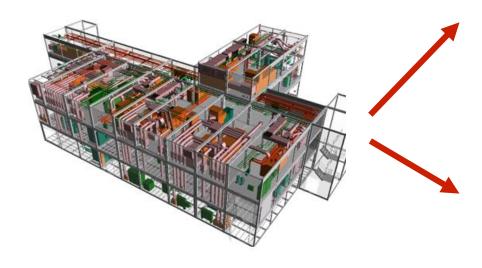
Level 2

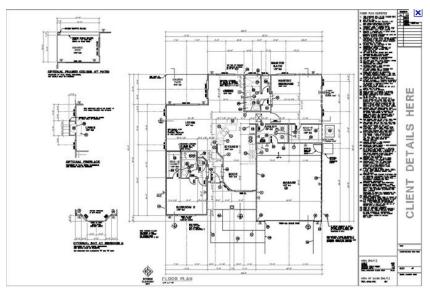


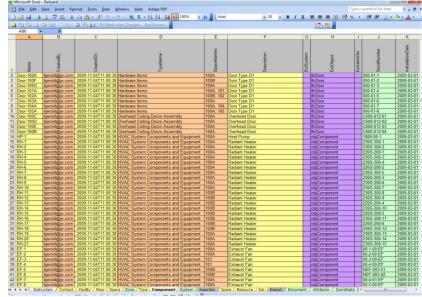




What is COBie?

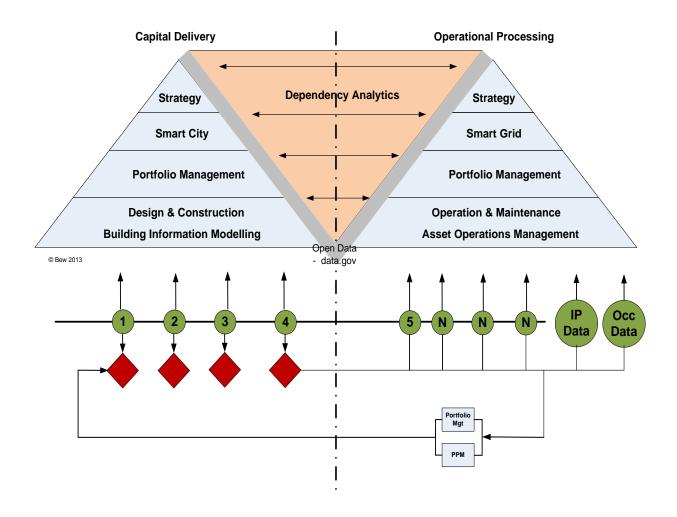




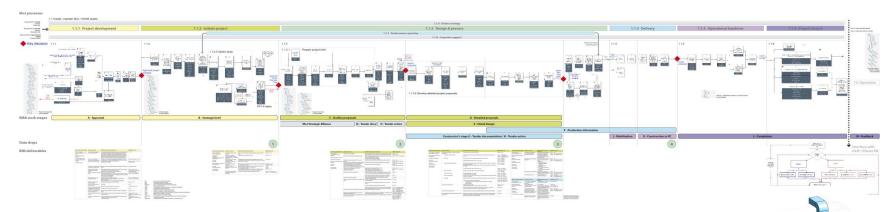




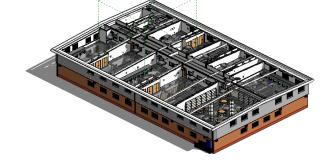
Level 2 – Data Store













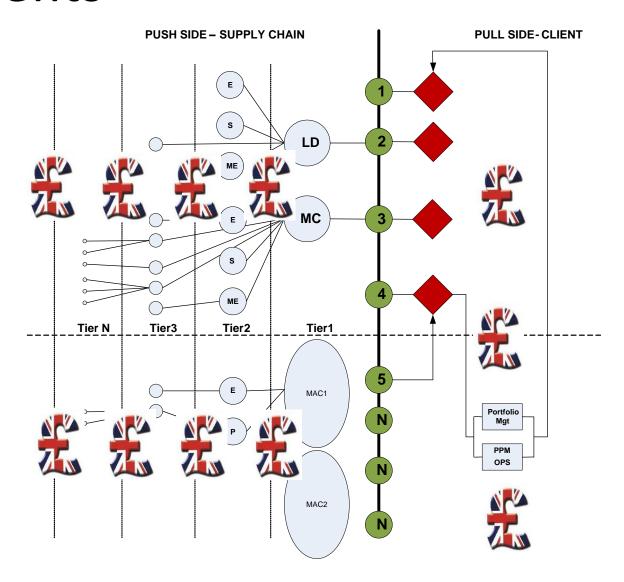


- Implementation Plan
- EIR
- Tender Documents
- Scoring Process
- Framework Training
- Framework Support



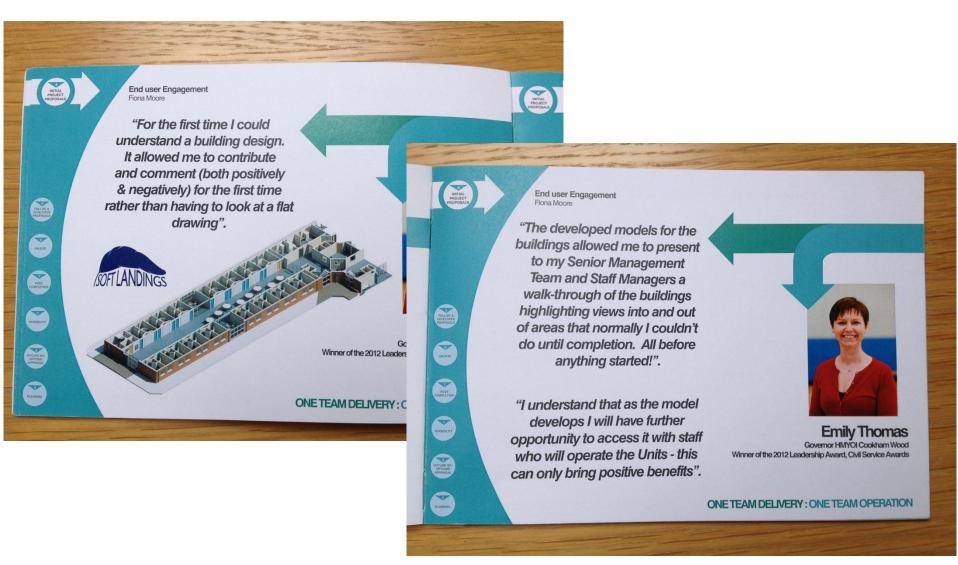


Benefits



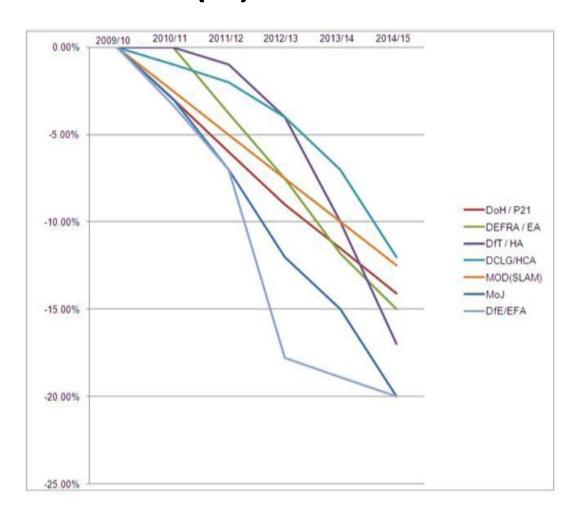


Benefits - GSL





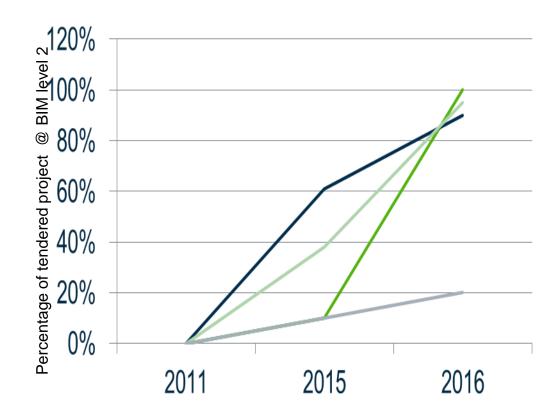
Benefits (£)





:://www.gov.uk/government/uploads/system/uploads/attachment_data/file/325919/Departmental_Cost_Benchmarks_Cost_Reduction_Trajectories_and_Cost_Reductions_02_July_2014.pdf
HIVI GOVERNMENT

Rate of Adoption



- —Highways Agency (1)
- —Ministry of Justice (2)
- —Environment Agency (3)
- —Local Authority (4)

Approximate value of BIM Projects as September 2014

- (1) HA This equates to £6bn project value
- (2) MOJ This equates to £760m project value
- (3) EA This equates to £900m project value
- (4) LA This equates to £2bn project value



Total project value <u>c £9.6bn (Target £20bn)</u> (Returns exclude , MOD, EFA, DoH, HS2)









Level 3



Level 3 - Introduction



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Faster delivery

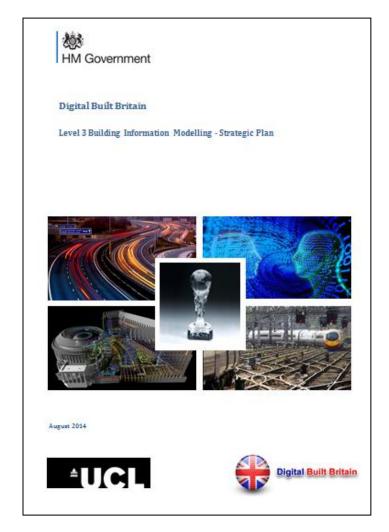
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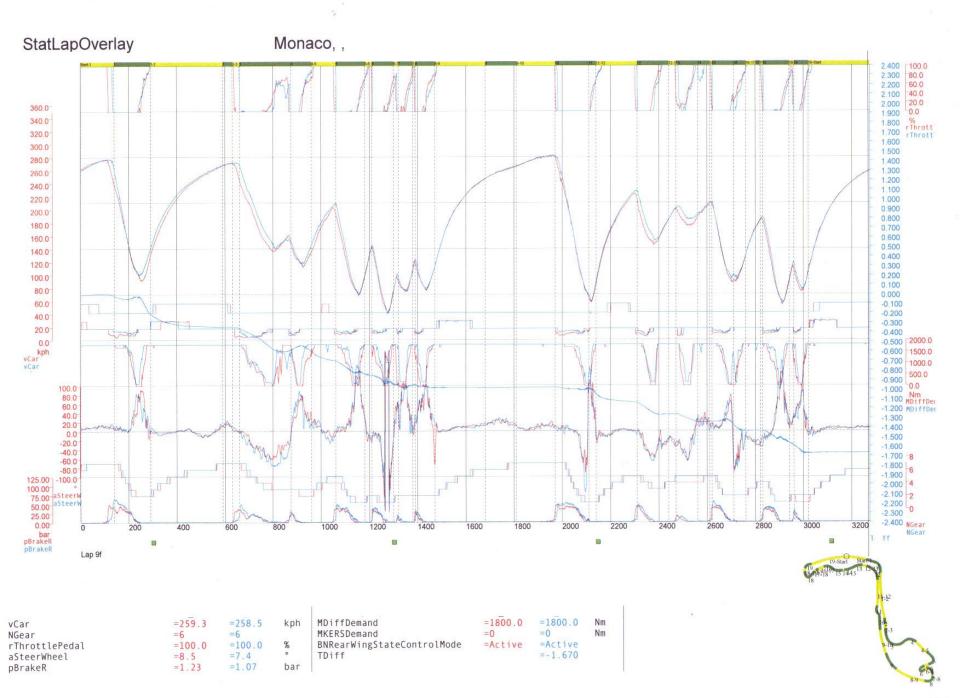
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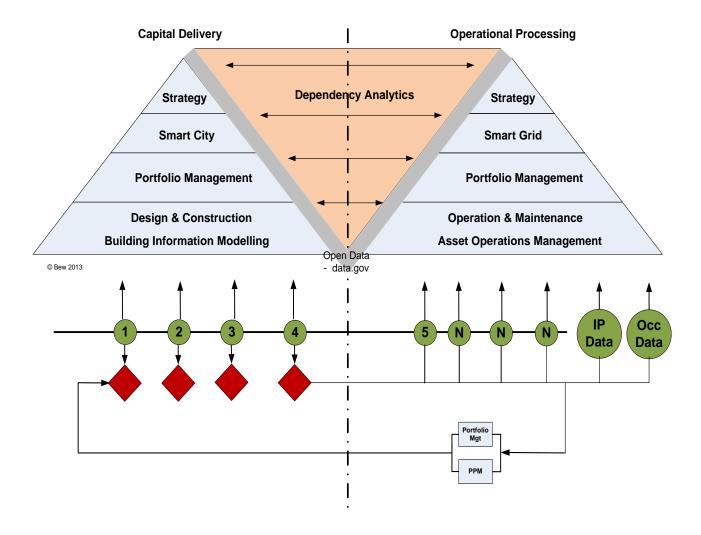


Remote Patient Monitoring Market To Double By 2016

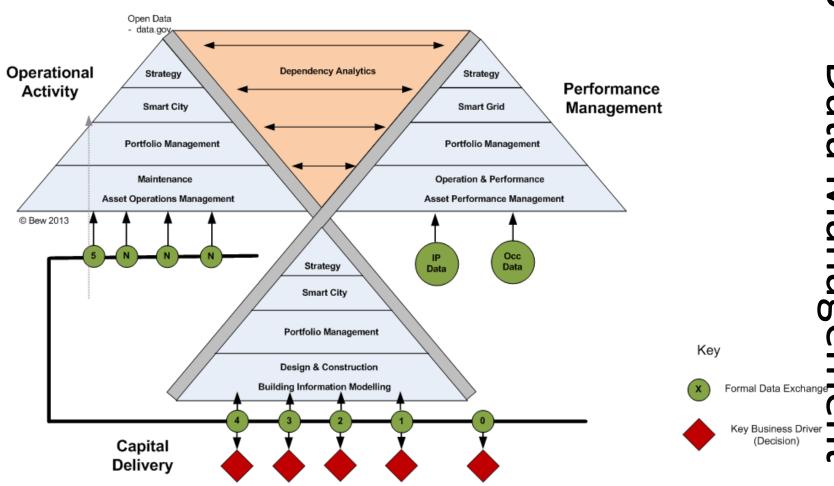




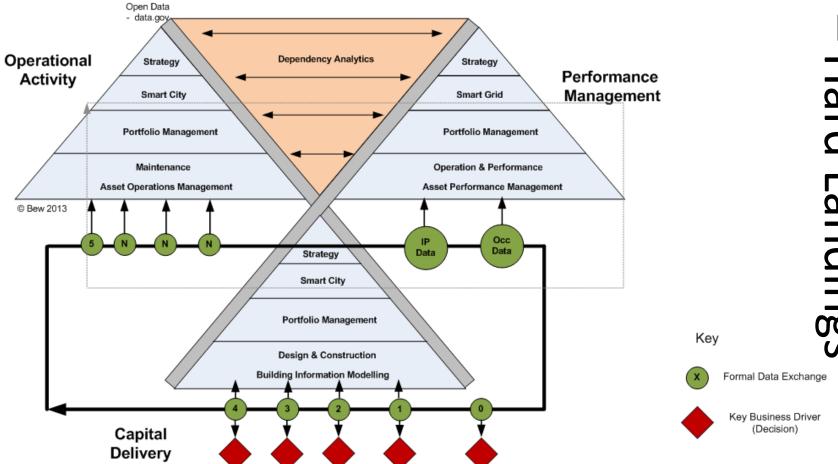














Smart World



Delivery



www.bimtaskgroup.org @BIMgcs

