## Contact Information

Contract/Scheme name: The University of Salford ,Manchester
OPTIMISING HANDOVER OF AS-BUILT DATA FROM HIGHWAYS ENGLAND MAJOR SCHEMES TO MAINTENANCE SERVICE PROVIDERS
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Recognise

The Highways England has huge data sets related to asset management and maintenance. These data sets are usually held in disparate platforms and have been historically developed using multiple standards and formats. As a result, full value of such data is often not fully realized. Effective management of asset data and availability of reliable information as and when needed, could bring in key benefits for effective management of the highways network. This research used best practice cases ,focus group discussions and interviews, and hands on action research approach to provide key recommendations to HE.

Define

Traditional approaches to data handover present many difficulties, including failed opportunities to optimise performance and life spans of assets. While the value of capturing accurate data is starting to be realized, it is important for captured data to be retained, enhanced and accessible at the handover stage. Inefficiency costs resulting from inadequate interoperability between various legacy software systems and poor transfer of data and information from the design and construction stage into operations sum up to millions of British Pounds. BIM provides a systematic approach to collate design, construction and product specifications data in a single information model.
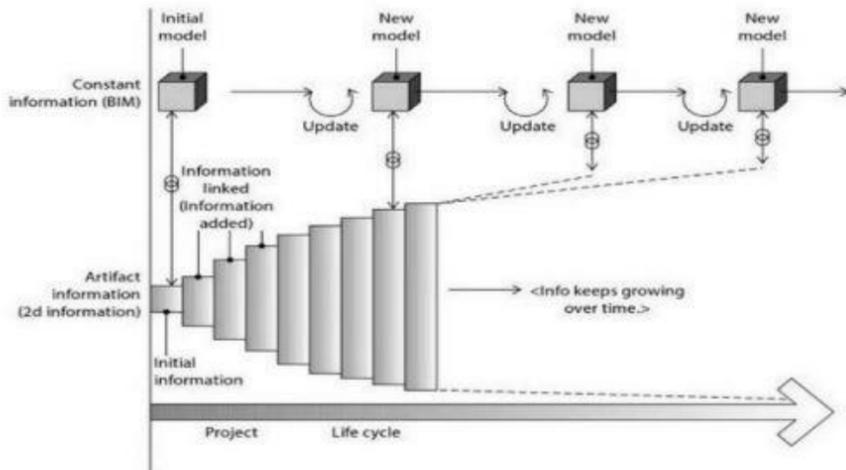
Solution

BIM provides a systematic approach to collate design, construction and product specifications data in a single information model. Effective information management, as enabled by BIM offers numerous potential benefits to HE. Firstly, simply capturing up to date, accurate information means the work that follows will be of value with waste reduced; information is accurate, up to date and accessible.
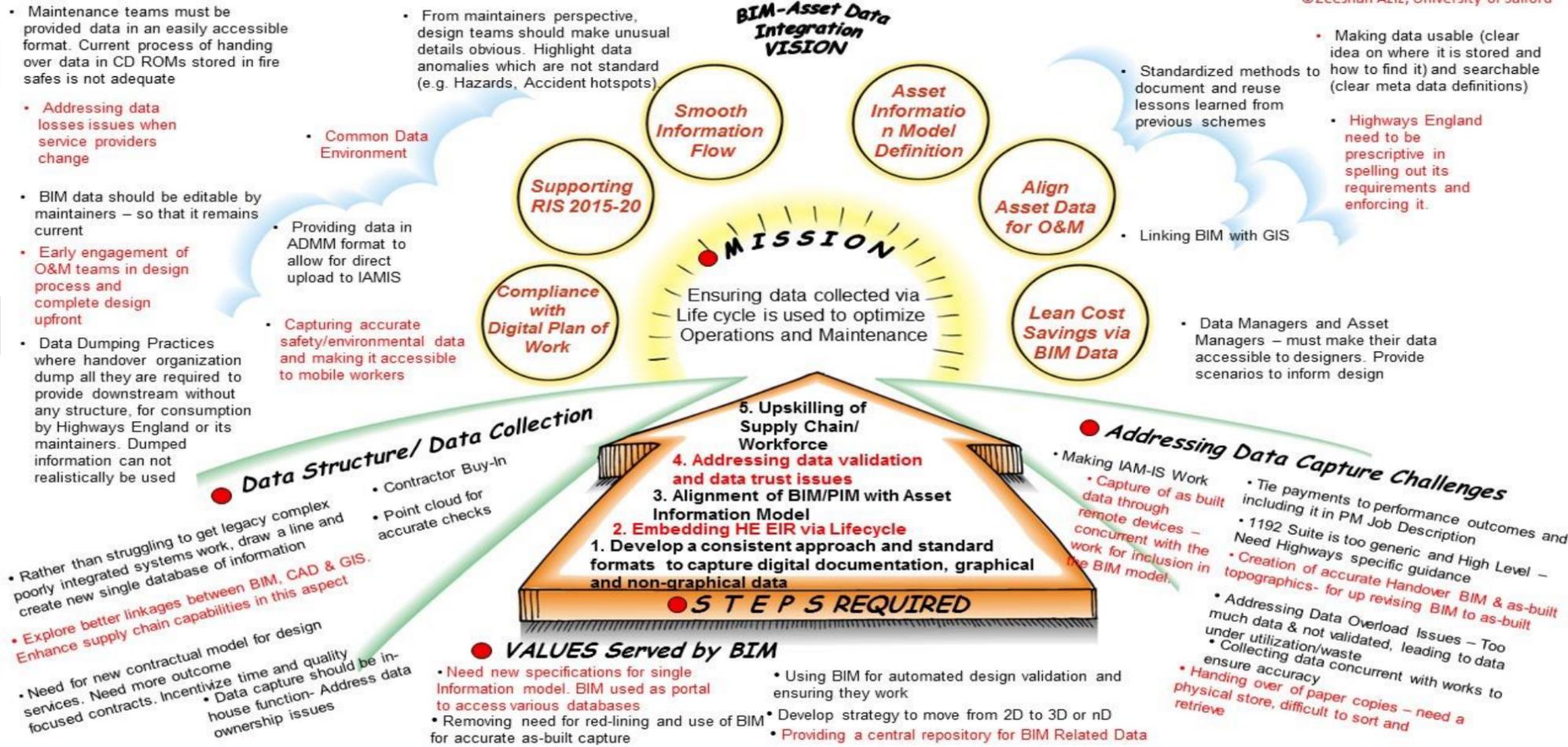

Stakeholders:

University of Salford MANCHESTER — highways england

Key Findings

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Key Improvement Suggestions

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