

Partnership Sound Transit

Asset Data and Building Information Modeling Specifications

Dr. Carrie Sturts Dossick

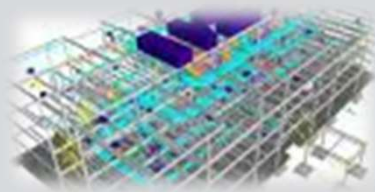
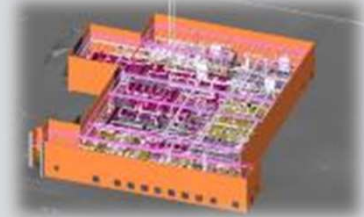
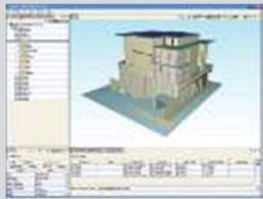
Professor

Construction Management

National Conversation: BIM for FM

Building Information Model
(Design & Construction)

Building and Infrastructure Information Management
(Operations & Maintenance)



GIS



Space Planning



CMMS/EAMS



Repair Orders



Reports



Records



Backflow
Prevention Testing

Direct
Digital
Transfer

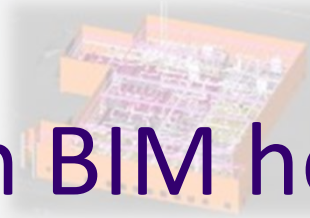
National Conversation: BIM for FM

Building Information Model
(Design & Construction)

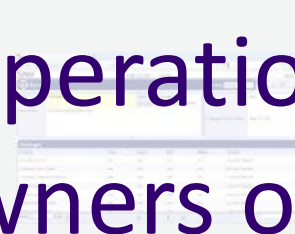
Building and Infrastructure Information Management
(Operations & Maintenance)

How can BIM help owners with transitions from construction to operations, and how can it help owners operate their facilities more efficiently?

Direct
Digital
Transfer



Space Planning



CMMS/EAMS



Repair Orders



Reports

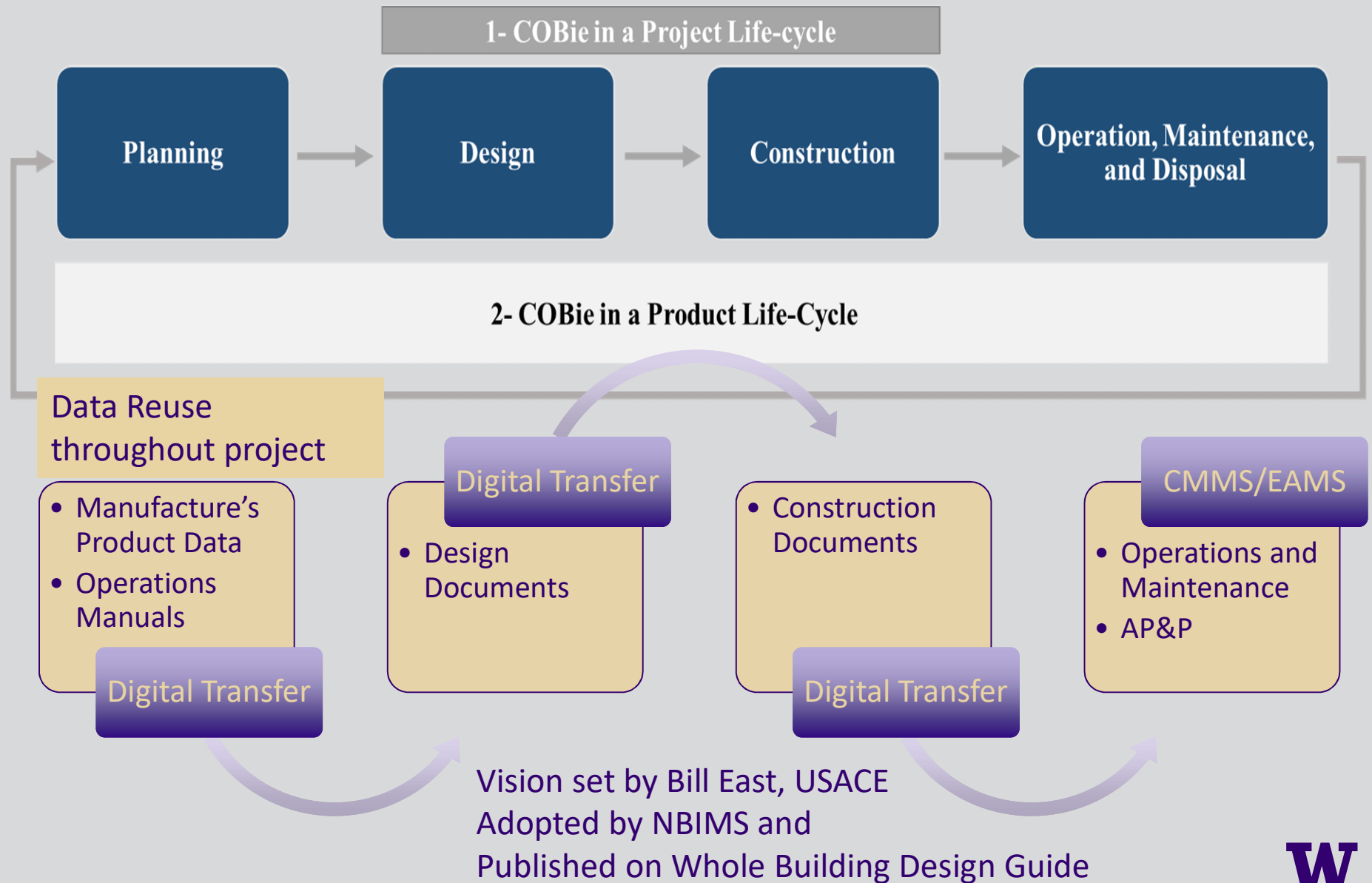


Records

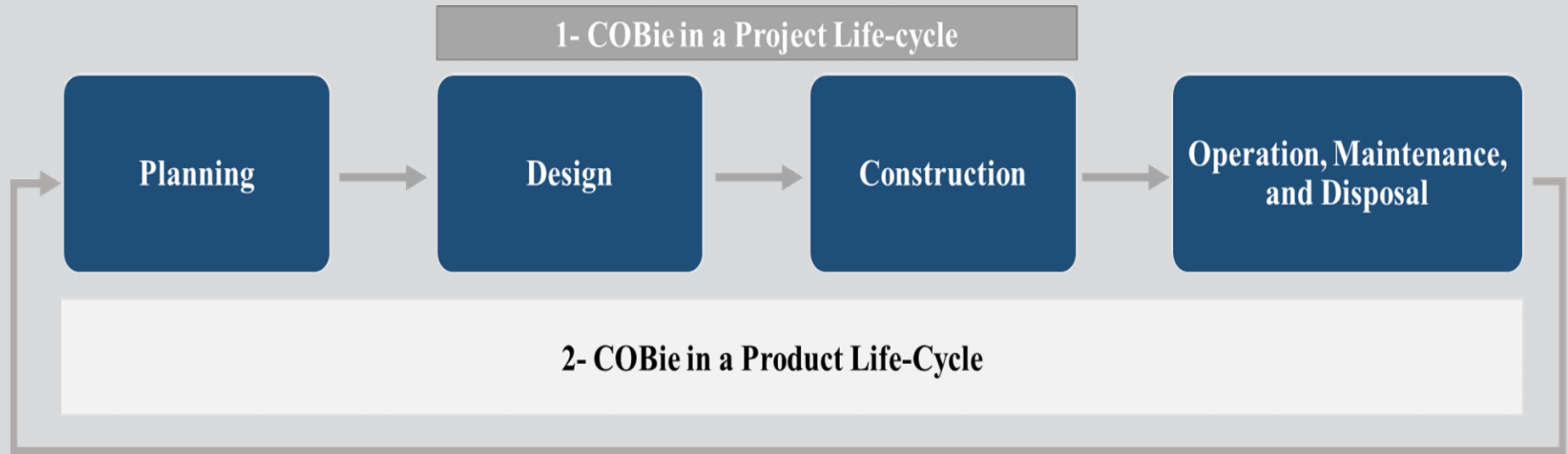


Backflow
Prevention Testing

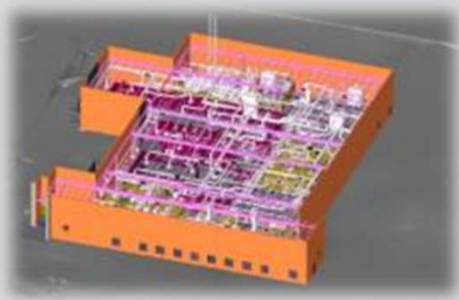
COBie: Construction Operations Building information exchange



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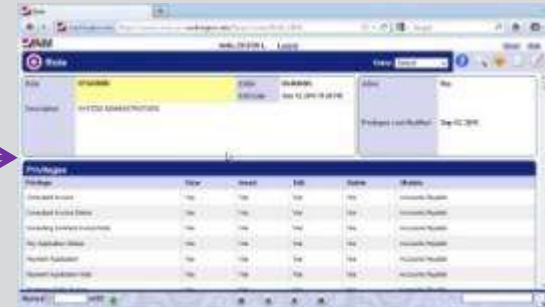
In practice, to date:



BIM



EXCEL
Spreadsheet

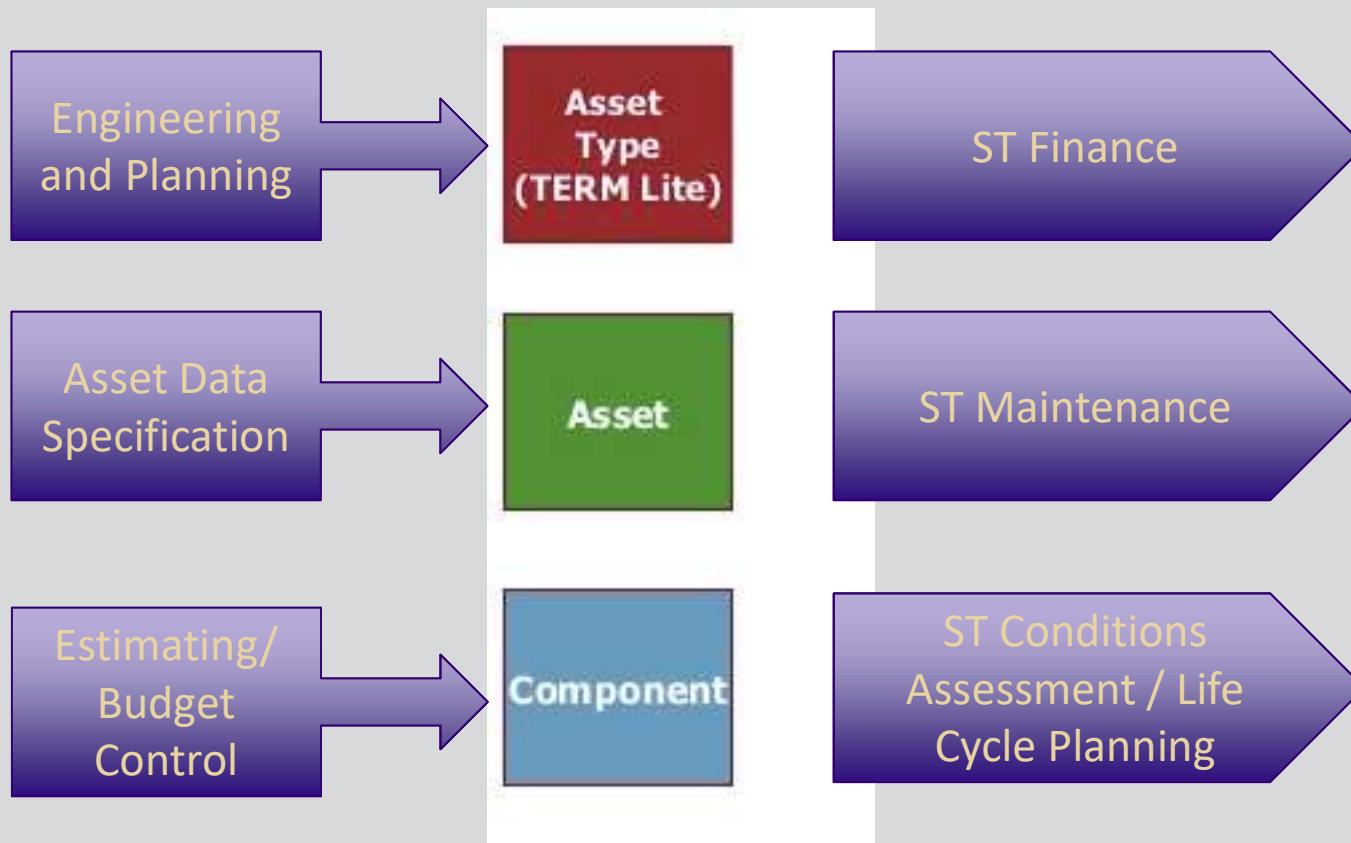


CMMS (Trapeze EAMS)

Information Transfer and Coordination Across the Project Life Cycle

DECM

Operations



Sound Transit _ CERC

Impact: “Changed the dialog in Sound Transit”

- > Neutral and Knowledgeable 3rd Party
- > Identified solutions and overcome obstacles

Reports:

Specifications

- Asset Data Specifications for Asset Planning
- BIM Implementation for Design and Construction
- Record Modeling

CERC – Opportunities for Partnership

- > Research Internships
- > Applied Research Consortium
- > Technical Assistance Contracts
- > Training and Professional Development

Save the Date

New Frontier's Conference March 16, 2017

- > Preconference activities March 15
- > AEC Hackathon in Spring

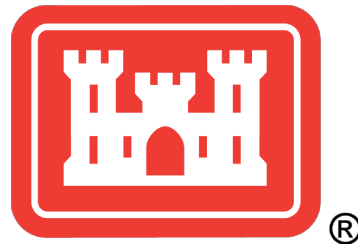


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