

Jeffrey Wix. University of Salford.  
Alexandria Va.: 6th-8thApril 2008

*if there are no objects,  
there are only "lines"*

# BIM

Tecnología Digital en Construcción  
(y gestión de activos inmobiliarios)



# BIM-UK

PAS 1192-2: 2013 / PAS 1192-3: 2014 / PAS 1192-4-2014  
Digital Built Britain



# BIM-US

Open Bim



## BIM-UK



*“garbage truck”*

BABEL

## BIM-US



*“bin lorry”*

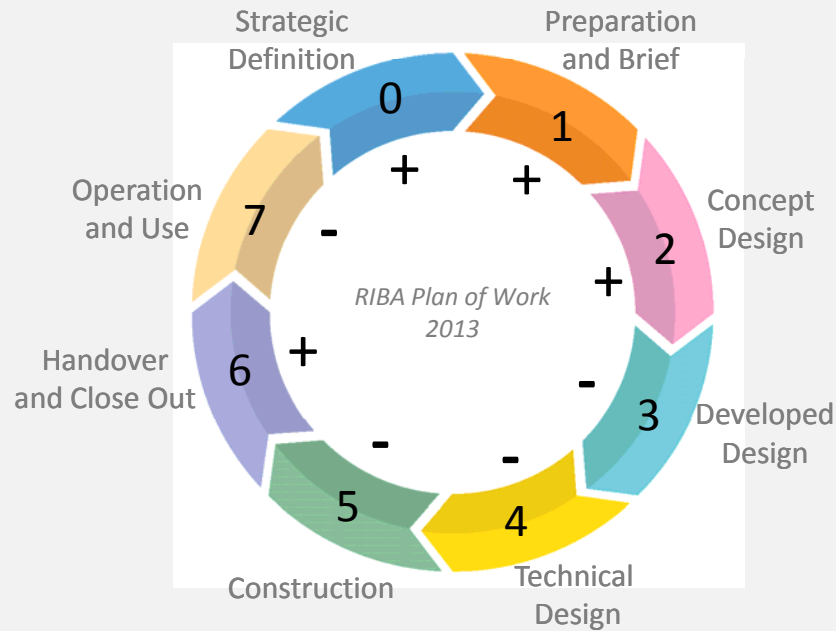
# BIM UK

## STAGES: RIBA PLAN OF WORK 2013



# BIM UK

## STAGES: RIBA PLAN OF WORK 2013



- + En BIM, más tiempo (más coste)
- En BIM, menos tiempo (menor coste)

*La expectativa es de un ahorro final de entre el 15% y el 20% en el "TOTEX" (según PAS-1192-3)*

# BIM-US

Interoperability  
IPD

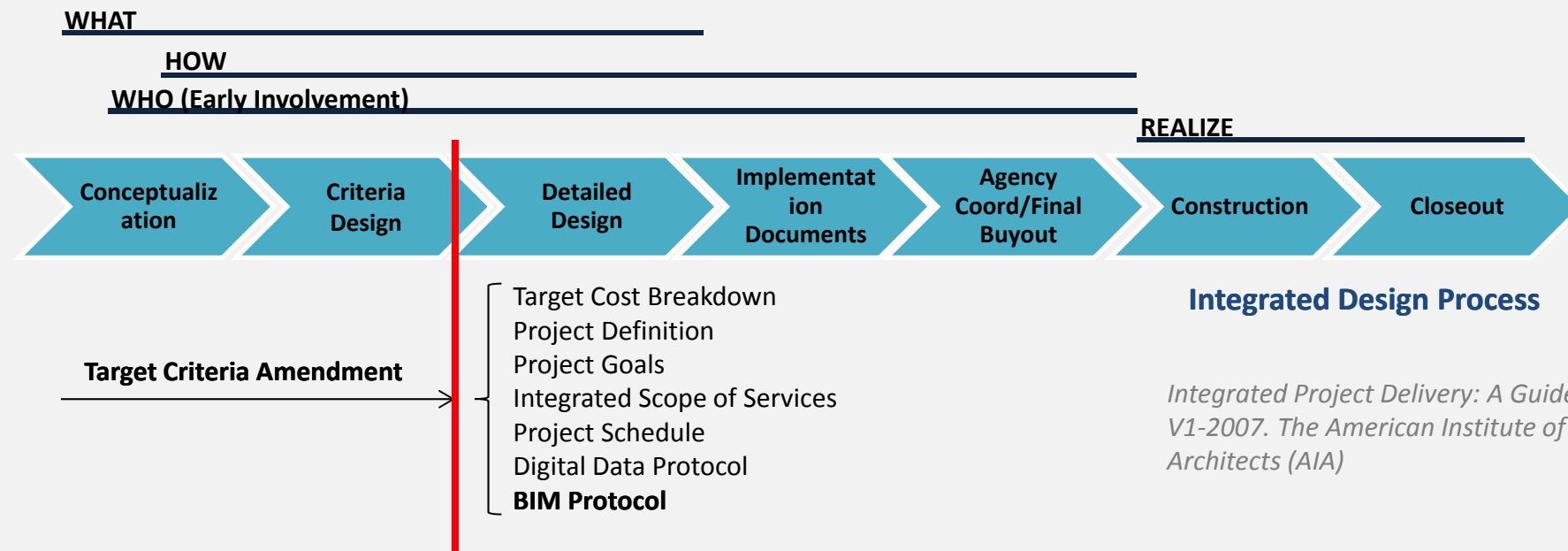
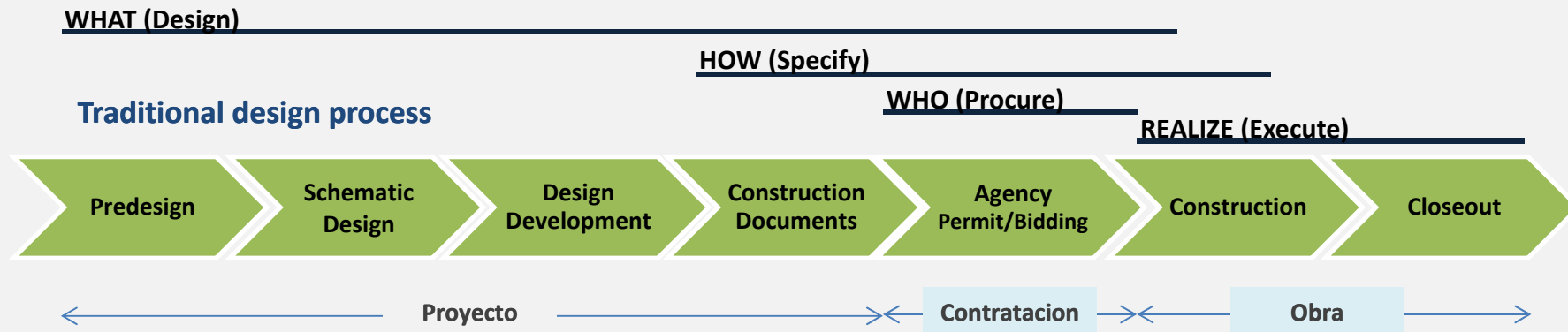


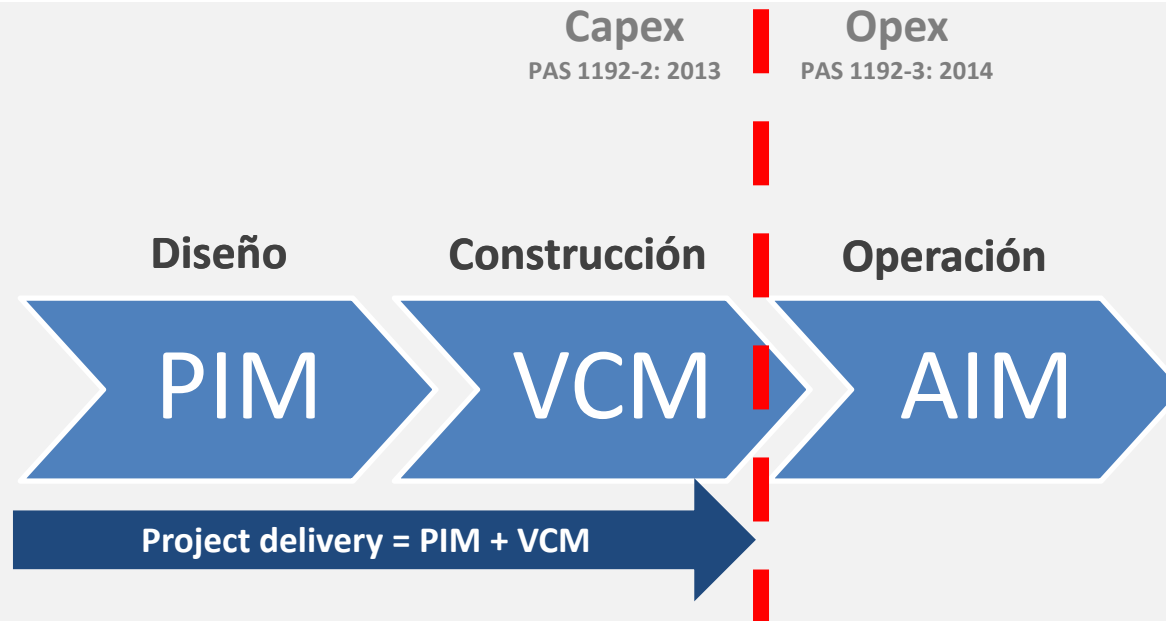
## TETRALOGY

*Assemble replaces construct*  
as modern buildings and infrastructure projects are increasingly assemblies of manufactured products



## IPD: Integrated Project Delivery Redifining Project Phases





**PIM: Project Information Model**



*designer intentions*

**VCM: Virtual Construction Model**



*by the construction supplier and their supply chain*

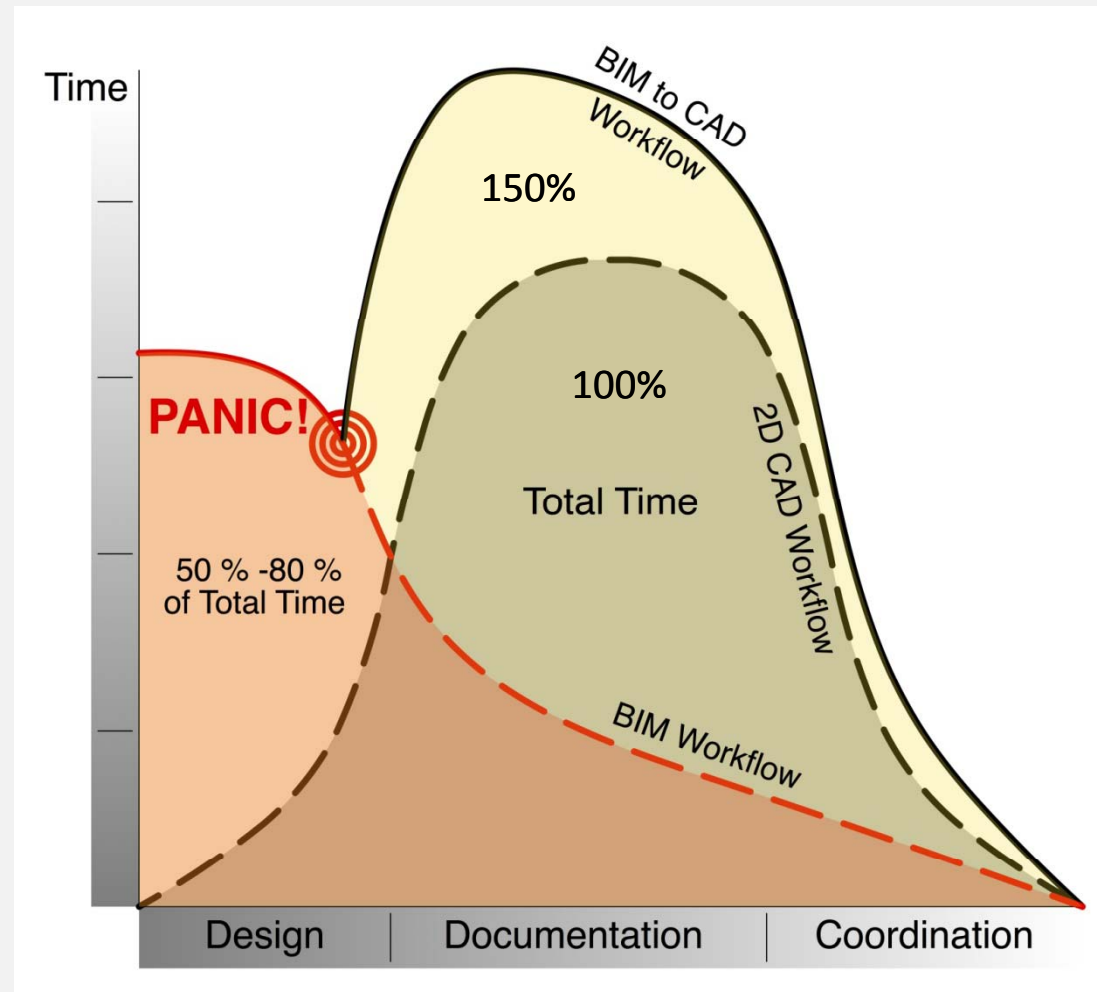
**AIM: Asset Information Model**



*used to manage, maintain and operate the asset*

**Capex:**  
*Capital /delivery phase of construction projects*

**Opex:**  
*Operational phase of assets*



“How our lives have changed since the AEC industry truly became computer based” (Shoegnome, dic-2012)

