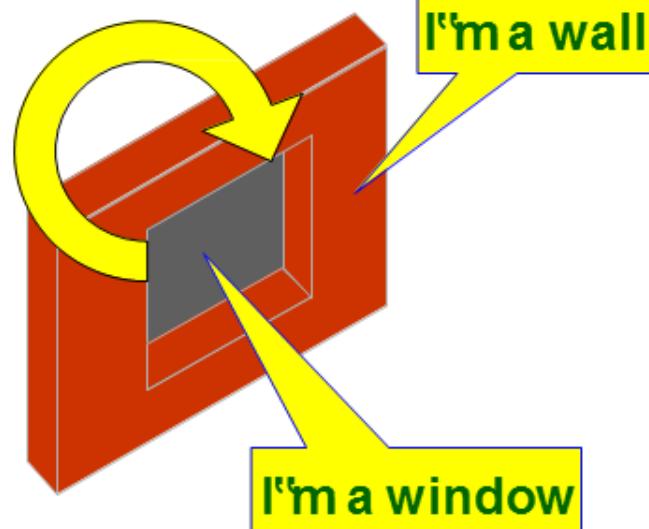


Modelos para Proyectar, modelos para Construir, modelos para Administrar

Vicente González Pachón

I'm the relation of the window in the wall



*if there are no objects,
there are only “lines”*

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

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”

BIM-US



BABEL

“bin lorry”

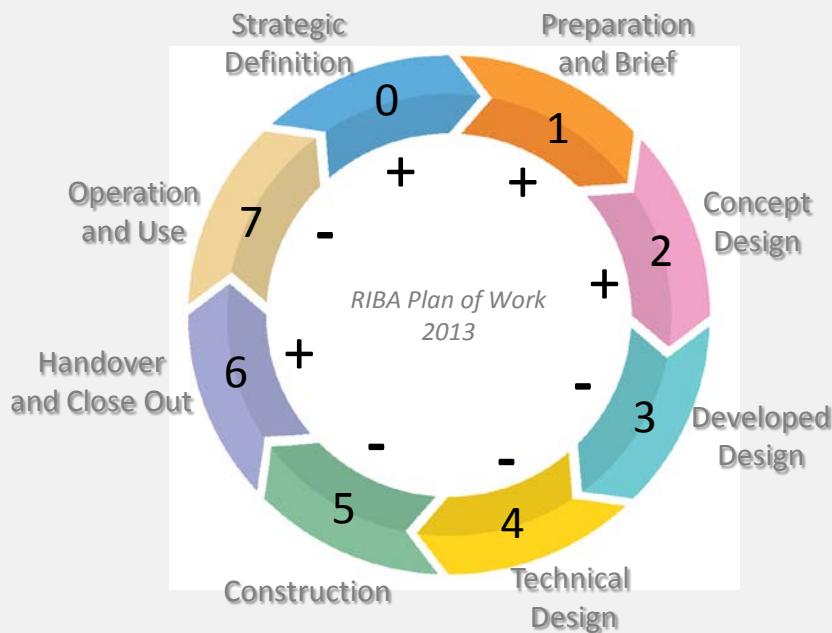
BIM UK

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



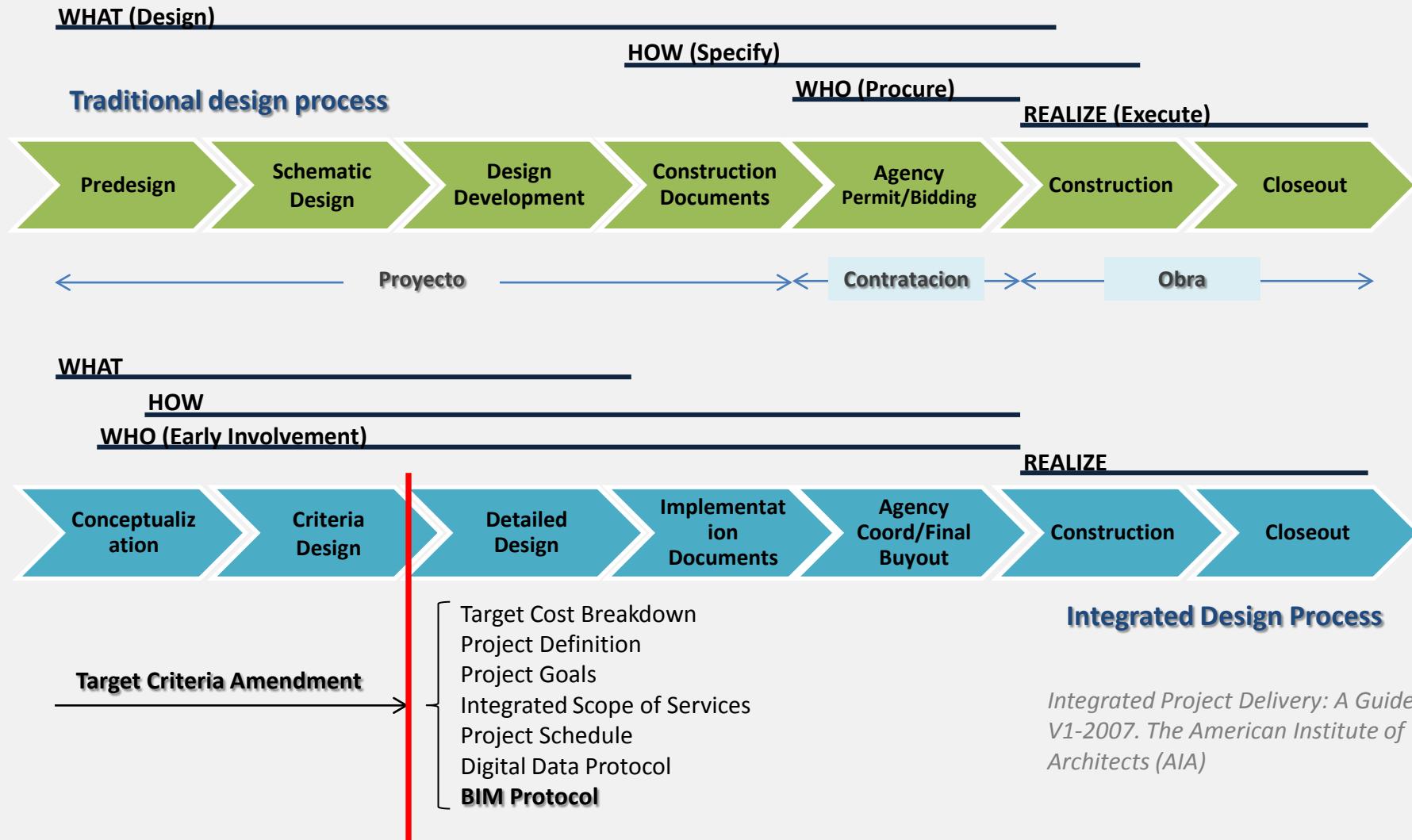
TETRALOGY

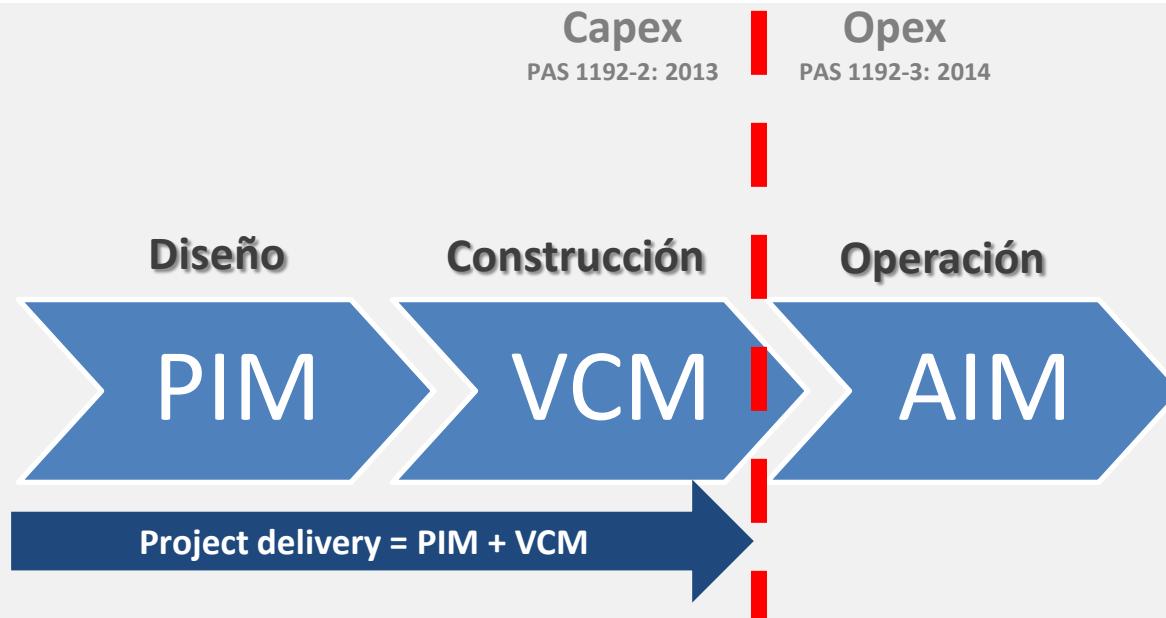
Assemble replaces *construct*

as modern buildings and infrastructure projects are increasingly assemblies of manufactured products

IPD: Integrated Project Delivery

Redefining Project Phases





PIM: Project Information Model



designer intentions

VCM: Virtual Construction Model



by the construction supplier and their supply chain

AIM: Asset Information Model



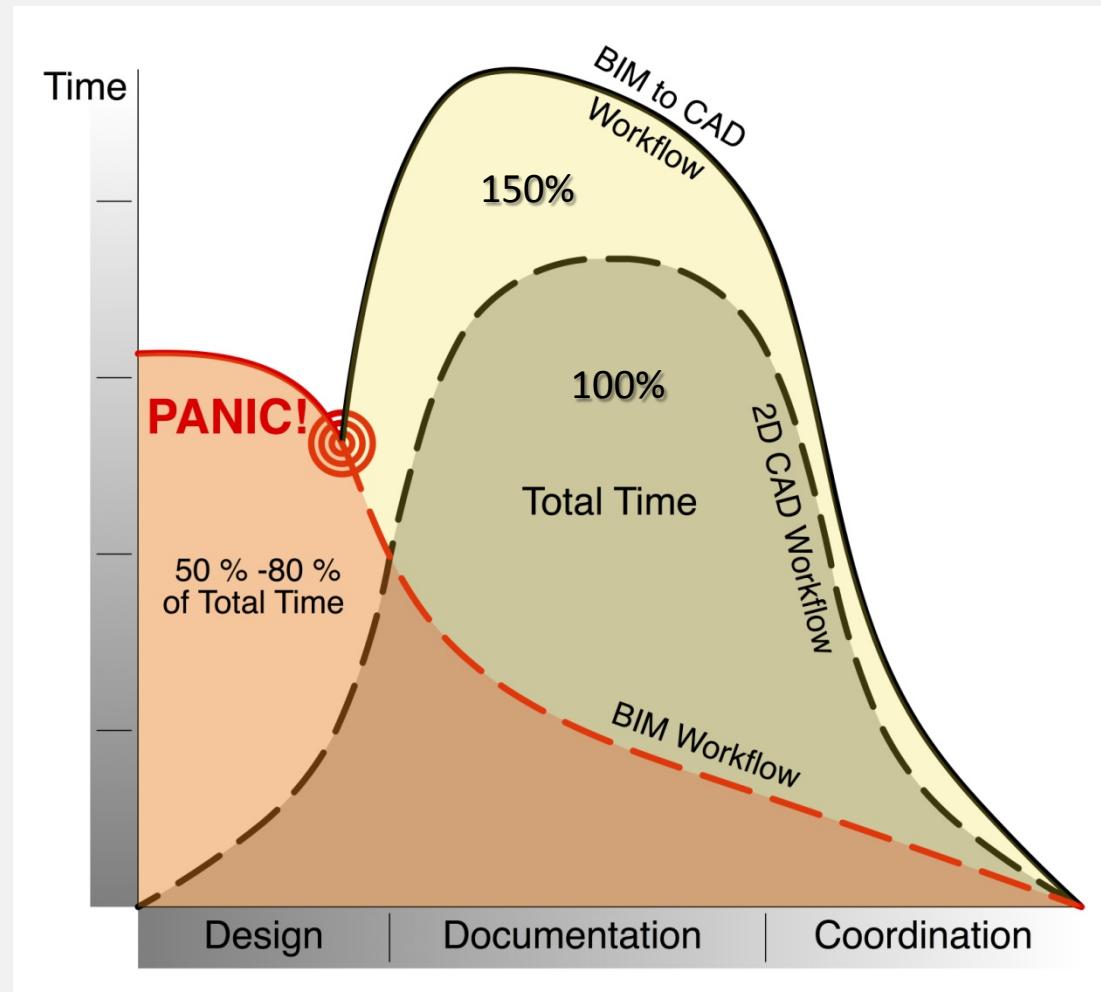
used to manage, maintain and operate the asset

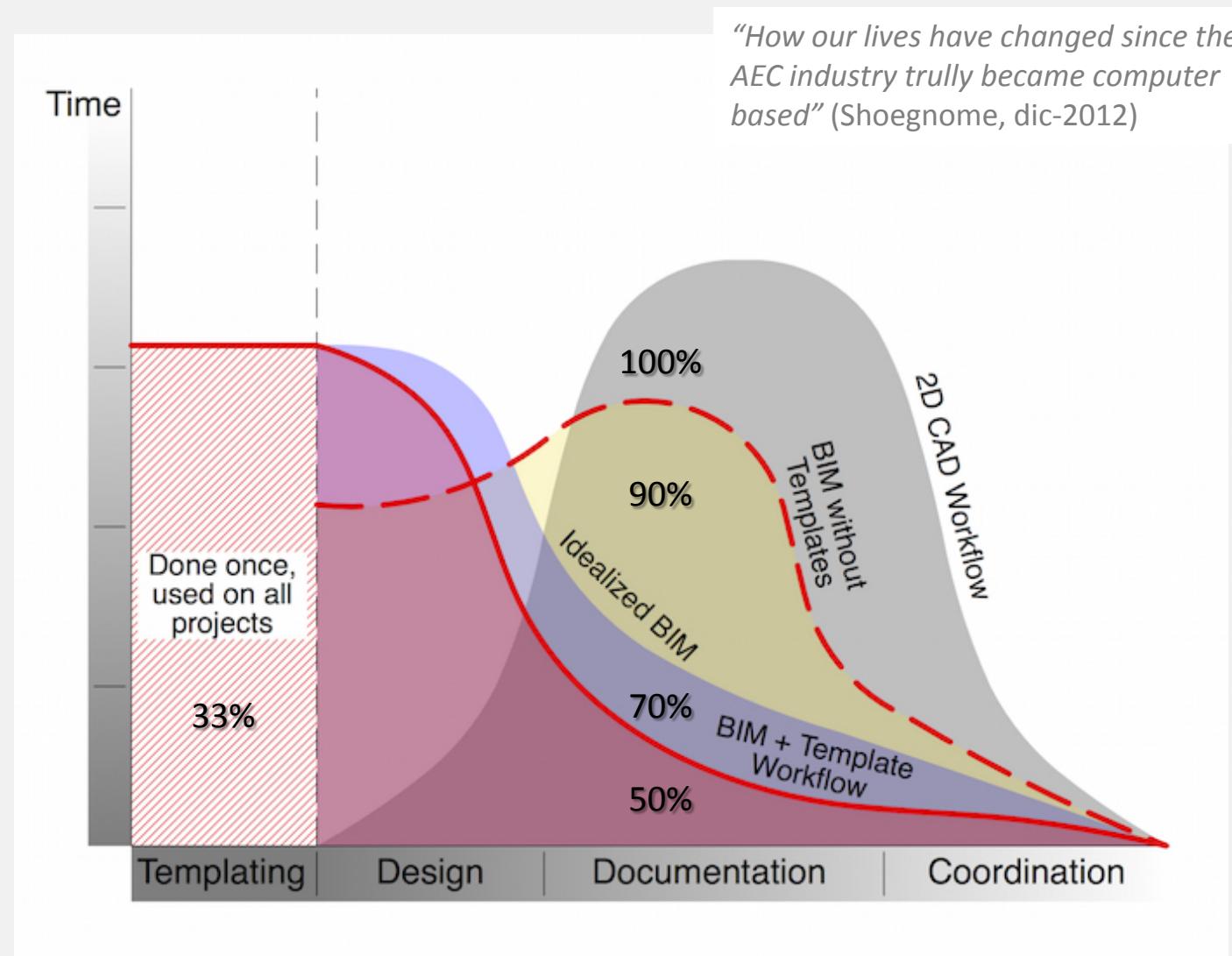
Capex:

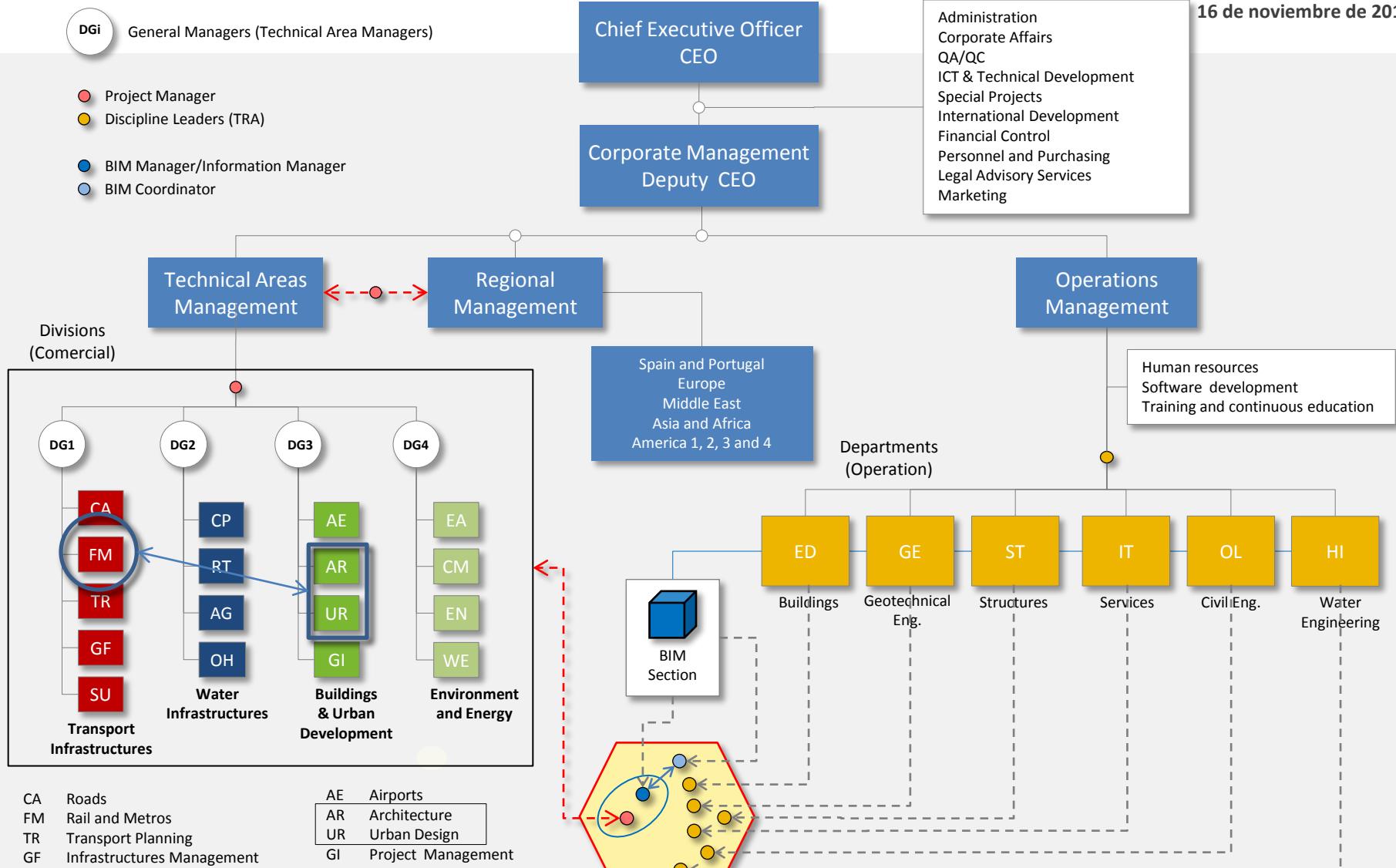
Capital /delivery phase of construction projects

Opex:

Operational phase of assets







BIM en el Mundo

