

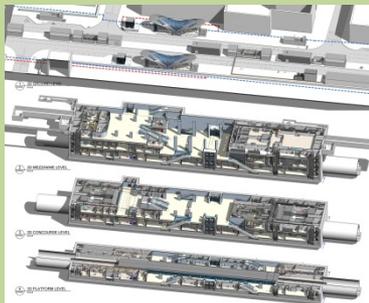
Gestión de información de modelos en proyectos de Metro

¿A que no es fácil cuidar una orquídea?



RIAD

Riyadh Metro Package 3 Lines 4, 5 & 6



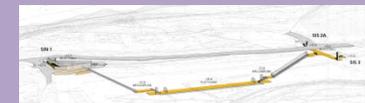
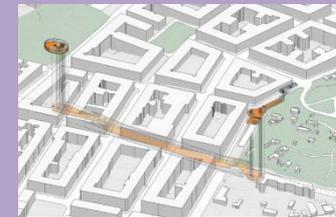
DOHA

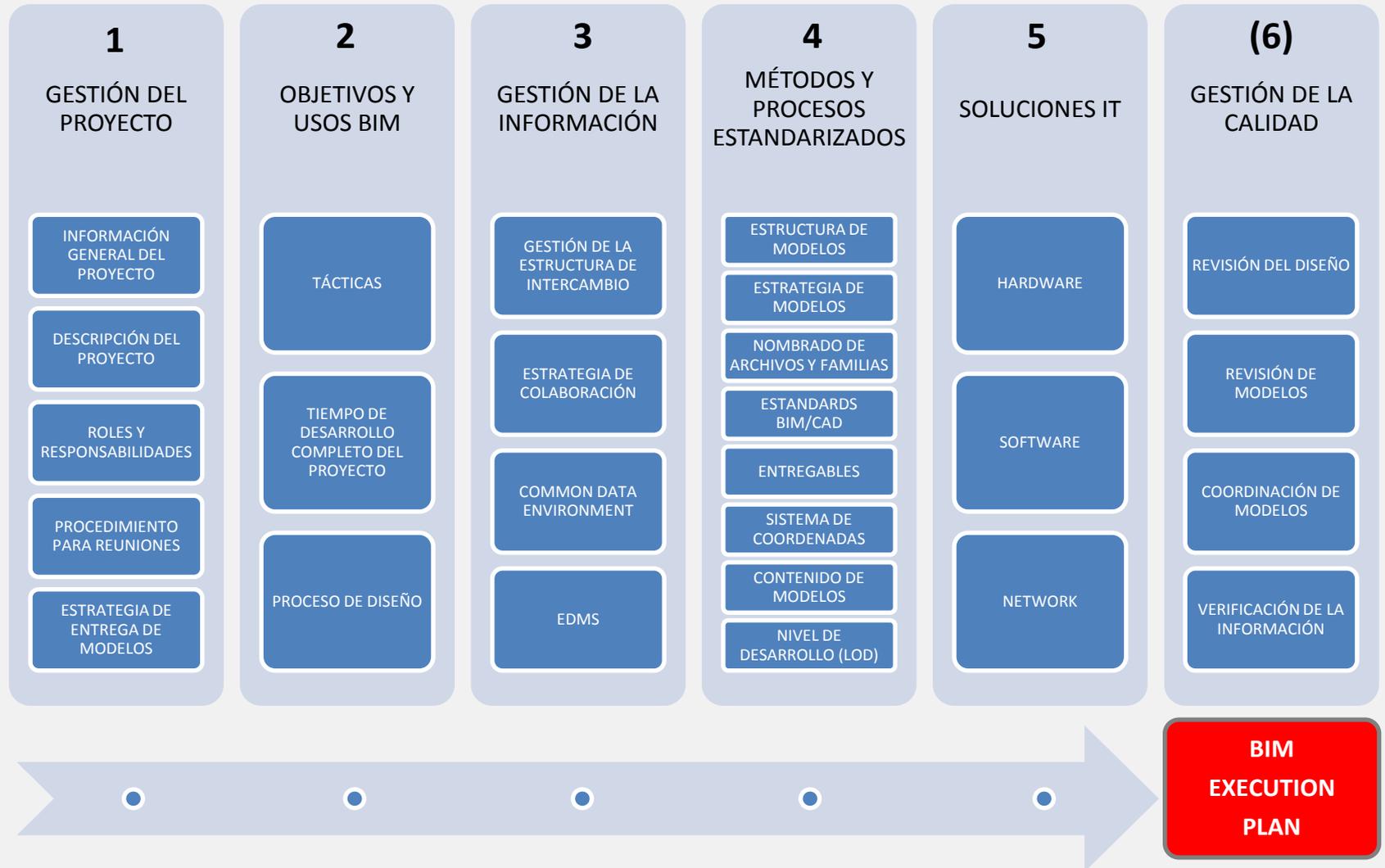
Red Line South Red Line North

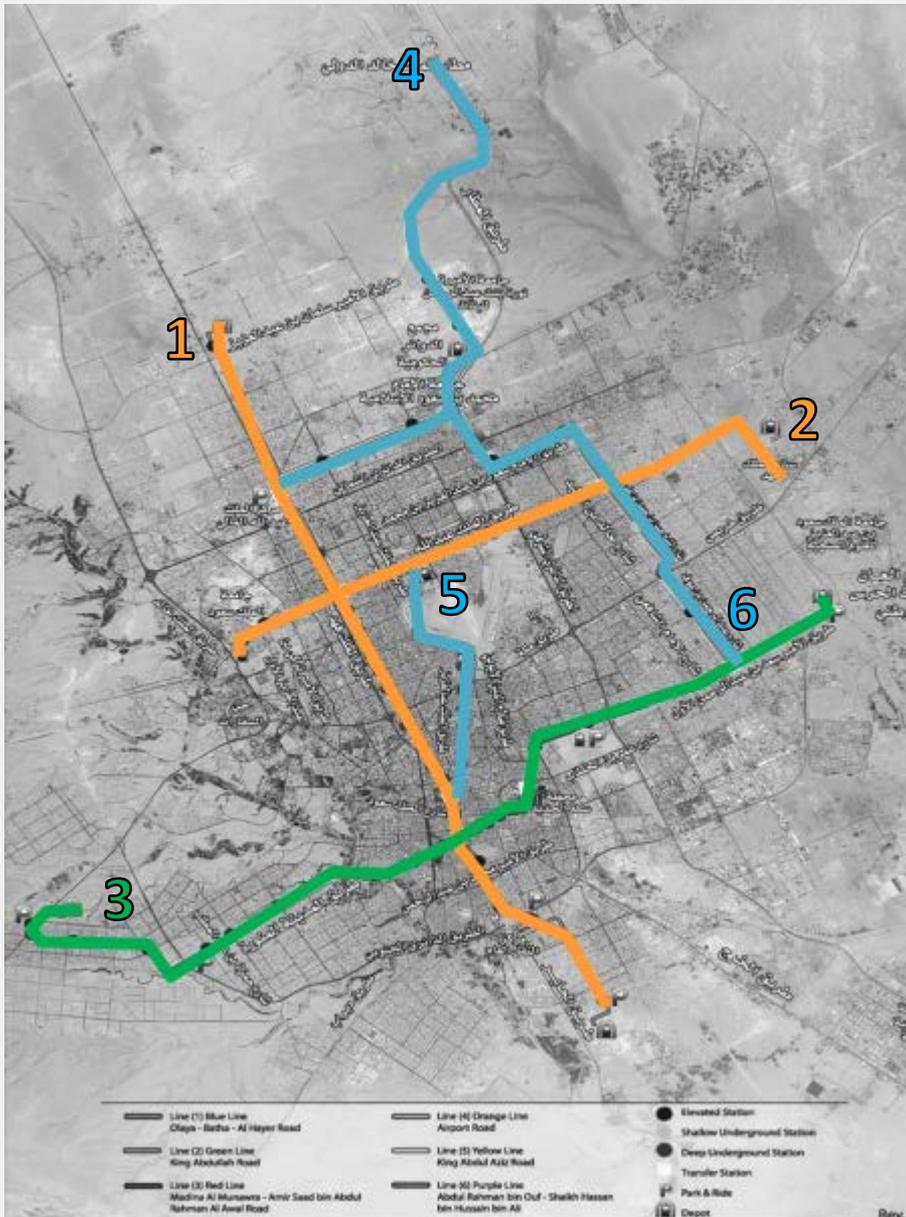


ESTOCOLMO

Tunnelbana Nacka - Gullmarsplan





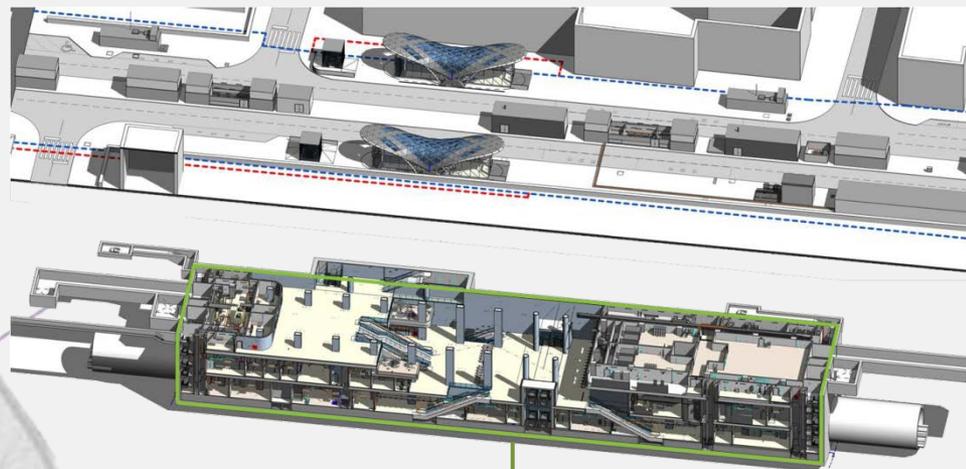
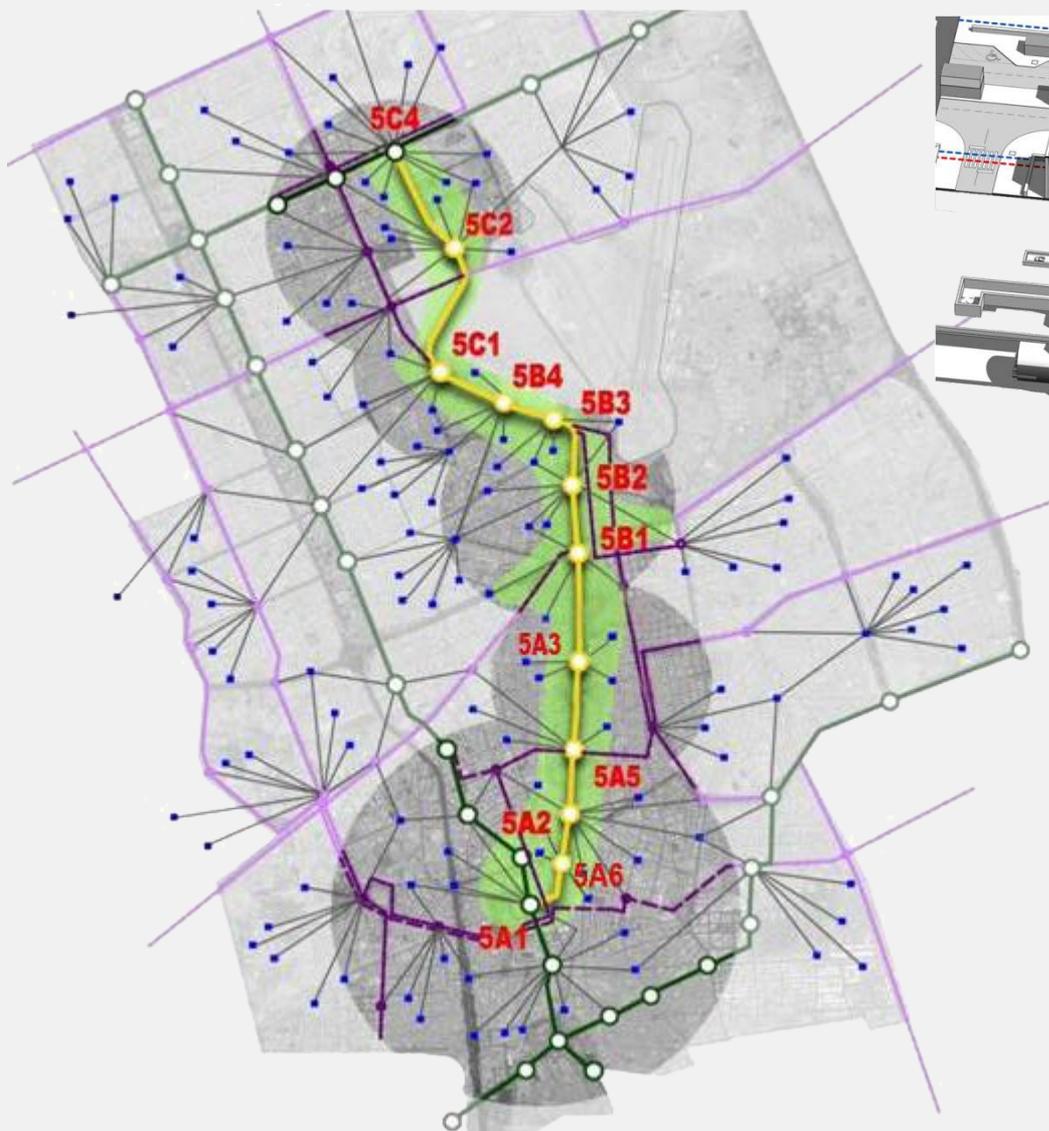


Paquete 1
Líneas 1 y 2
Paquete 2
Línea 3
Paquete 3
Líneas 4, 5 y 6

Total Metro Riad
180km de longitud total
87 Estaciones
7 Cocheras

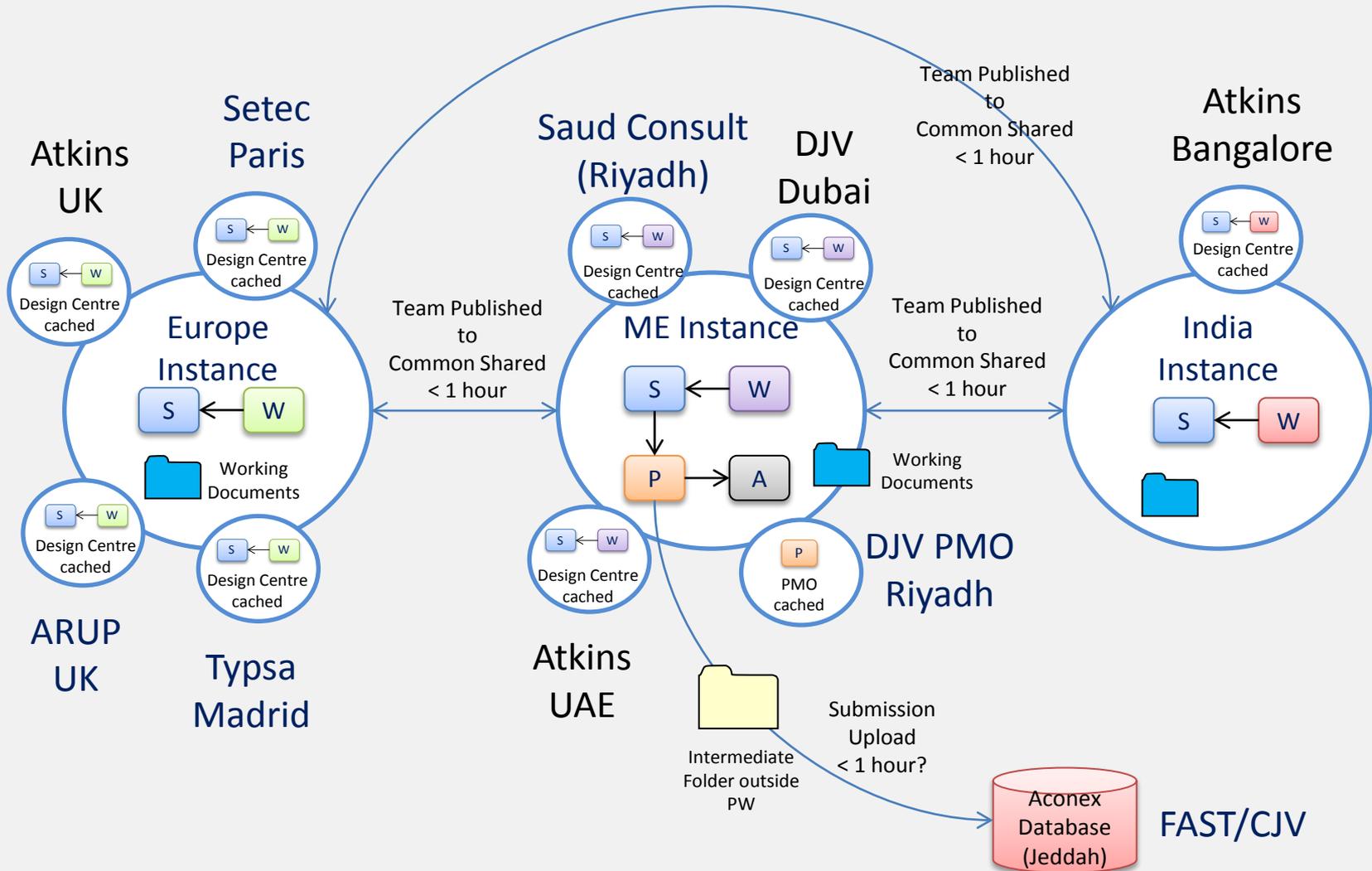


Total Paquete 3 **TYPSA - ATKINS**
62km de longitud total
24 Estaciones (14 enterradas y 10 elevadas)
2 Cocheras
2 Aparcamientos



Modelo de caja tipo







Total Metro Doha
212km de longitud total
85 Estaciones



Total TYP SA - SENER
5 Estaciones elevadas
1 Estación (acabados)

	NETWORK BASE IDENTITY	COASTAL LINE	EDUCATION LINE	HISTORIC LINE	CITY LINE
IDENTIFIER	NCS S 7005-Y20R	NCS S 1070-Y90R	NCS S 2050-B90G	NCS S 1076-Y90Y	NCS S 1560-R90B
FLOOR					
WALL					
INSPIRATION					



COASTAL LINE



EDUCATION LINE



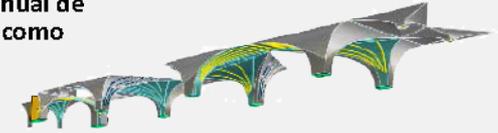
HISTORIC LINE



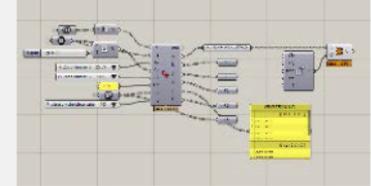
CITY LINE



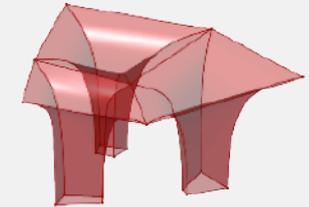
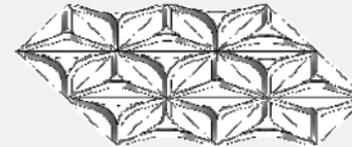
Modelo base y Manual de UNStudio tomado como referencia



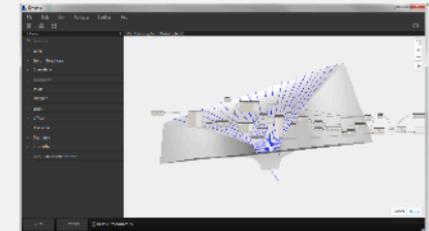
Reconstrucción paramétrica de paneles y bóvedas en Grasshopper



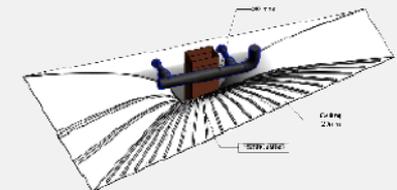
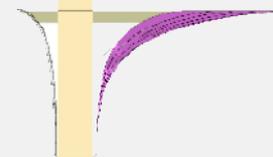
Los paneles repetibles se crean directamente en Revit. Las bóvedas en Rhino

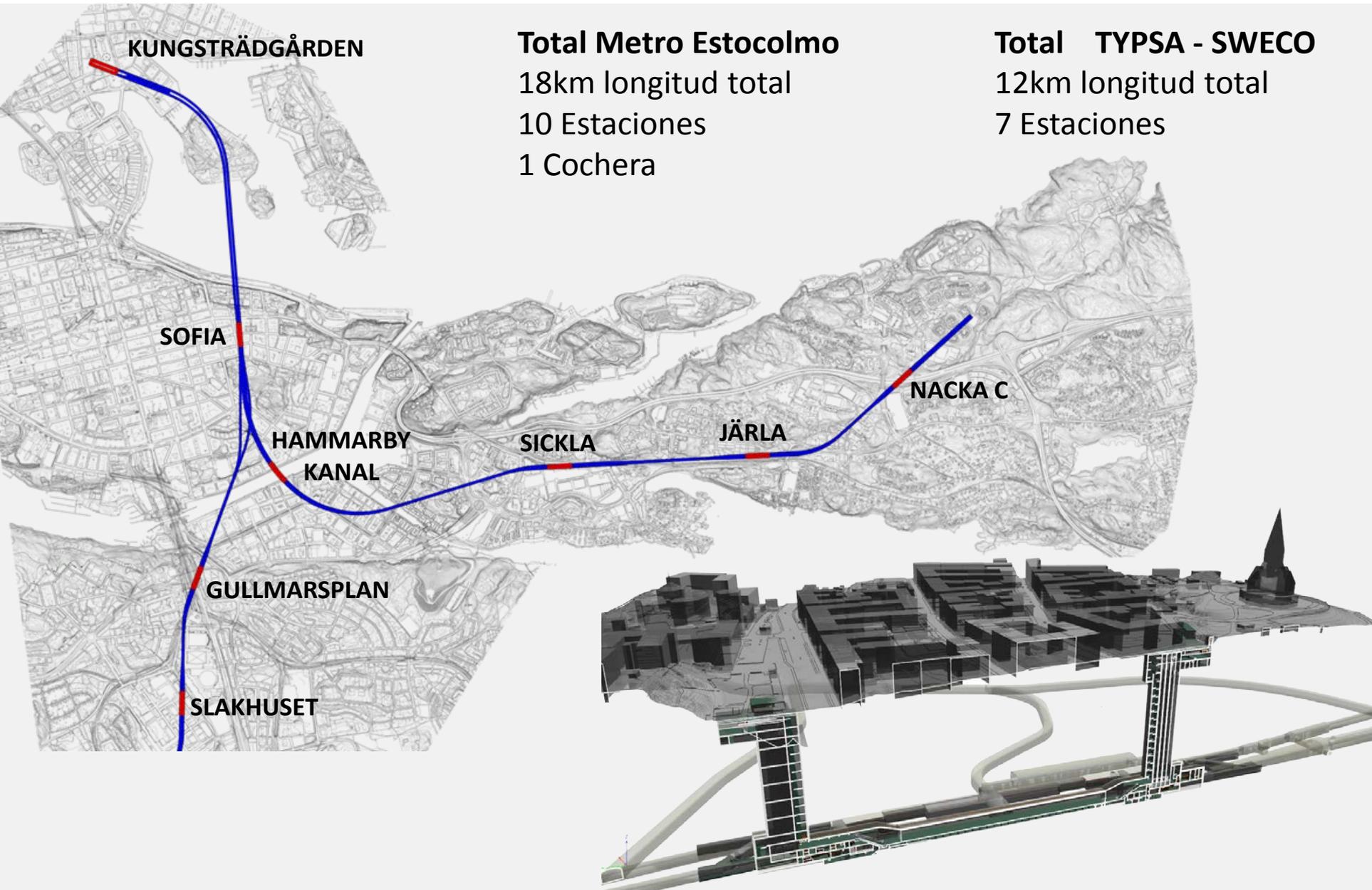


La geometría de Rhino se usa, mediante Dynamo, para crear elementos nativos de Revit

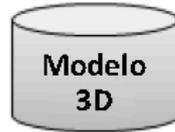


Los elementos constructivos se enlazan y documentan directamente en Revit

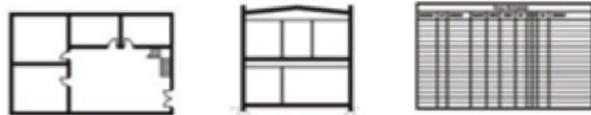
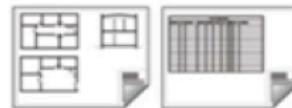




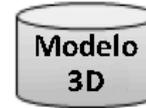
SOFTWARE DE DISEÑO

Formato
nativo

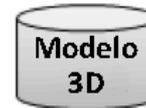
Vistas en modelo

Planos en
Modelo

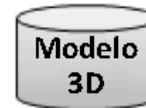
ENTREGABLES



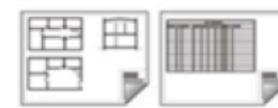
Nativo



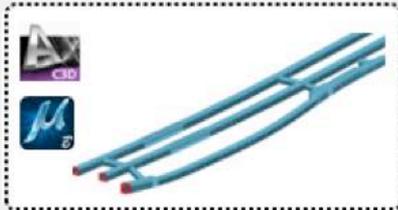
Intercambio



Publicación

Entrega de
InformaciónPlanos
CAD 2DPlanos
PDF 2D

MODELOS DE DISEÑO



MODELOS LINEALES
(VÍAS/TUNEL)

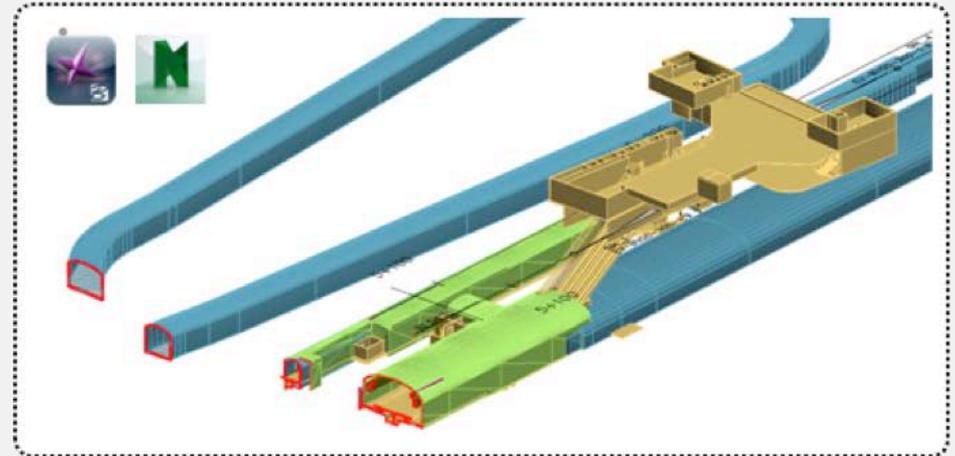


MODELOS PUNTALES
(ESTACIONES)

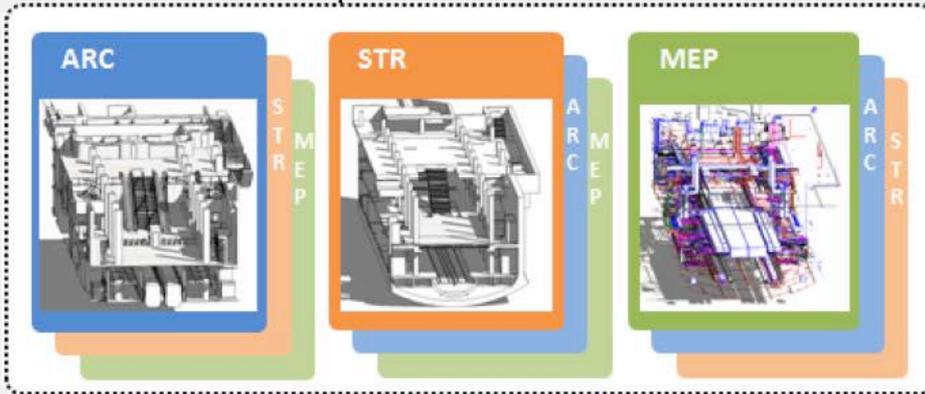
FORMATO DE
INTERCAMBIO



MODELOS DE COORDINACIÓN



DISEÑO DE INGENIERÍA
INTEGRADO



ACTUALIZACIÓN DEL DISEÑO

USOS DEL MODELO (ANÁLISIS)

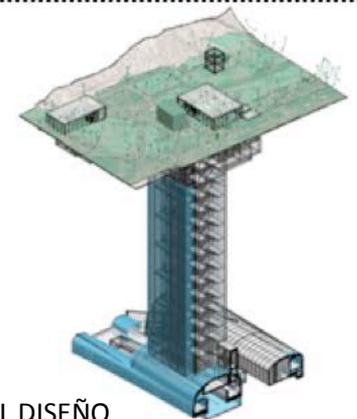
VISUALIZAR/COMUNICAR



COORDINACIÓN 3D
(DETECCIÓN DE
INTERFERENCIAS)



REVISIÓN DEL DISEÑO





Muchas gracias