

ICAB

Calcul de structure par Éléments Finis

- Exemples de constructions métalliques
 - bâtiments, chemin de roulement
 - réservoir, convoyeur, haut fourneau
 - élévateurs
 - Ponts mobiles, écluse
 - Tour radar
 - Pylônes



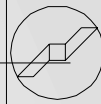


Bâtiment en acier

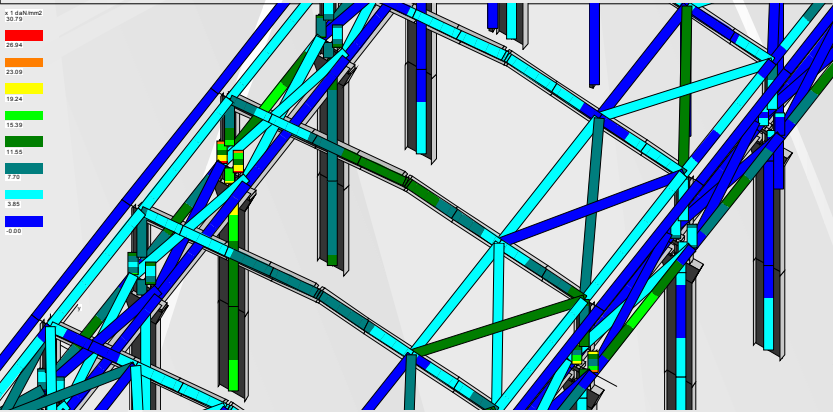
- Charges d'exploitation, vent, neige, séisme



AJPG libérez pour tout lire 01-07 - L'ES 104
Arrière-plan 012 040000-0000
1/20 2,5 Dim. cartranche de base (poutre) @ 30 78 daN/m²



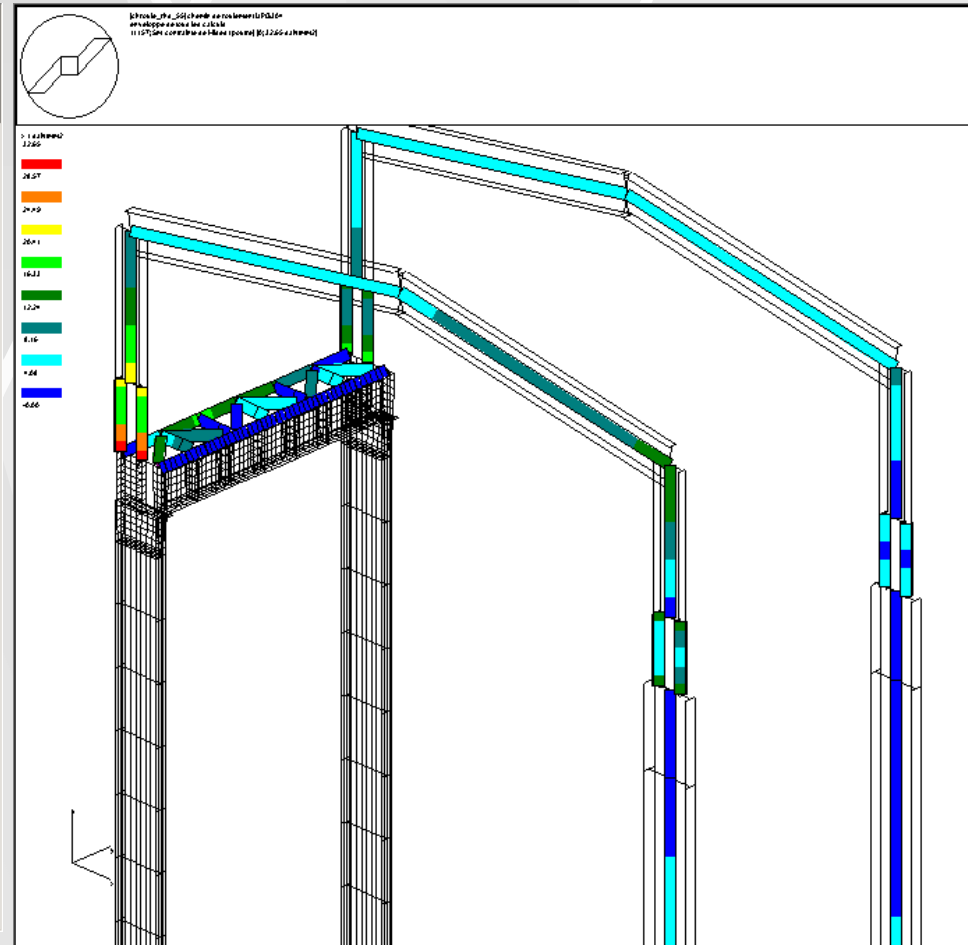
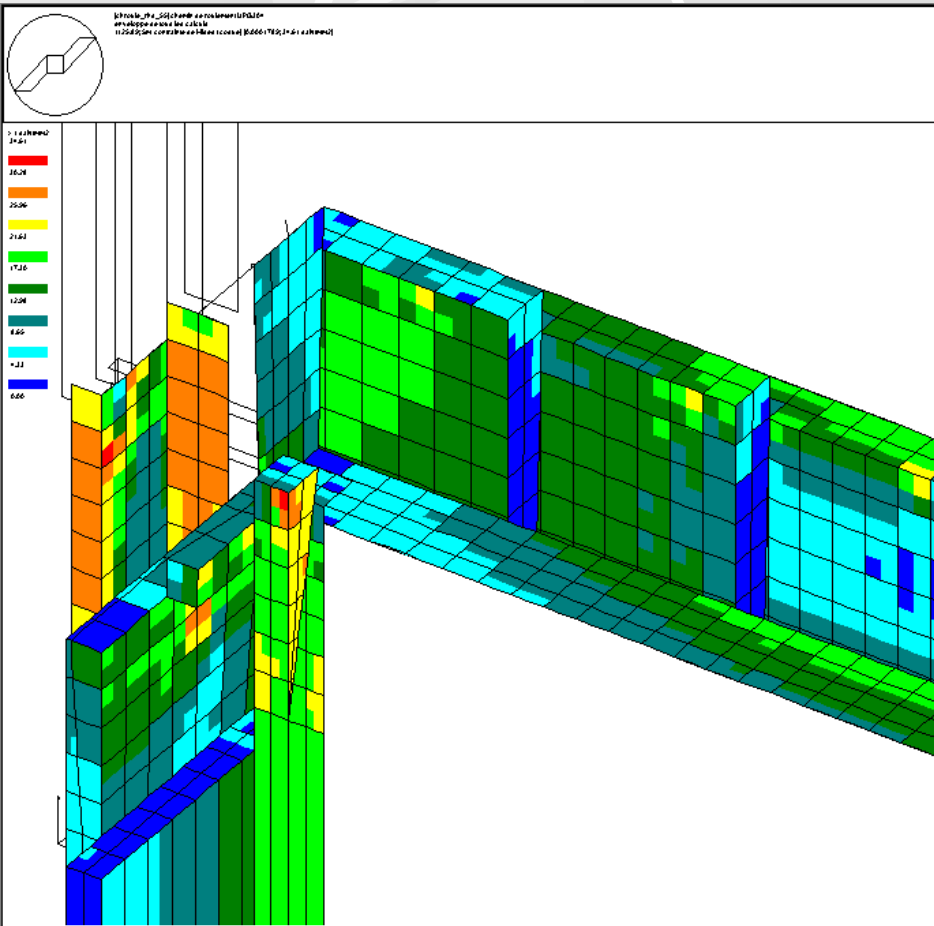
SUPPL
1/2 24 s.





Chemin de roulement

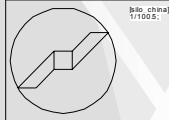
● Modèle détaillé





réservoirs, silos

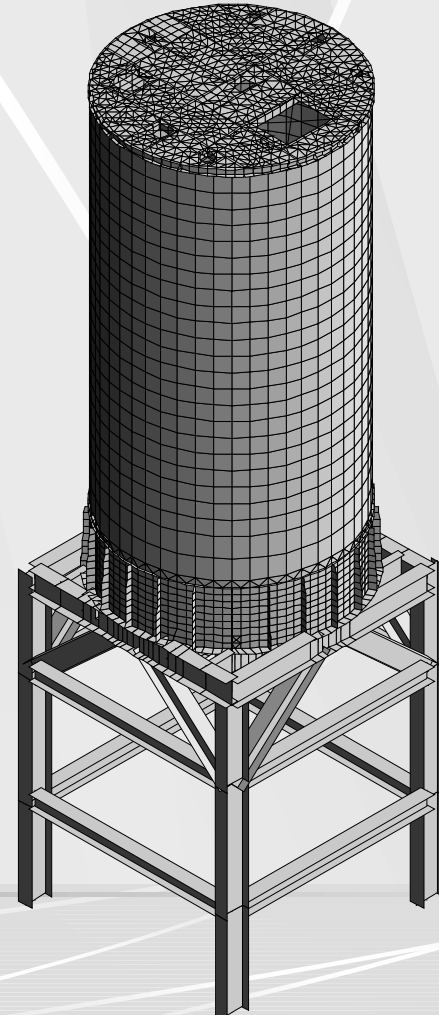
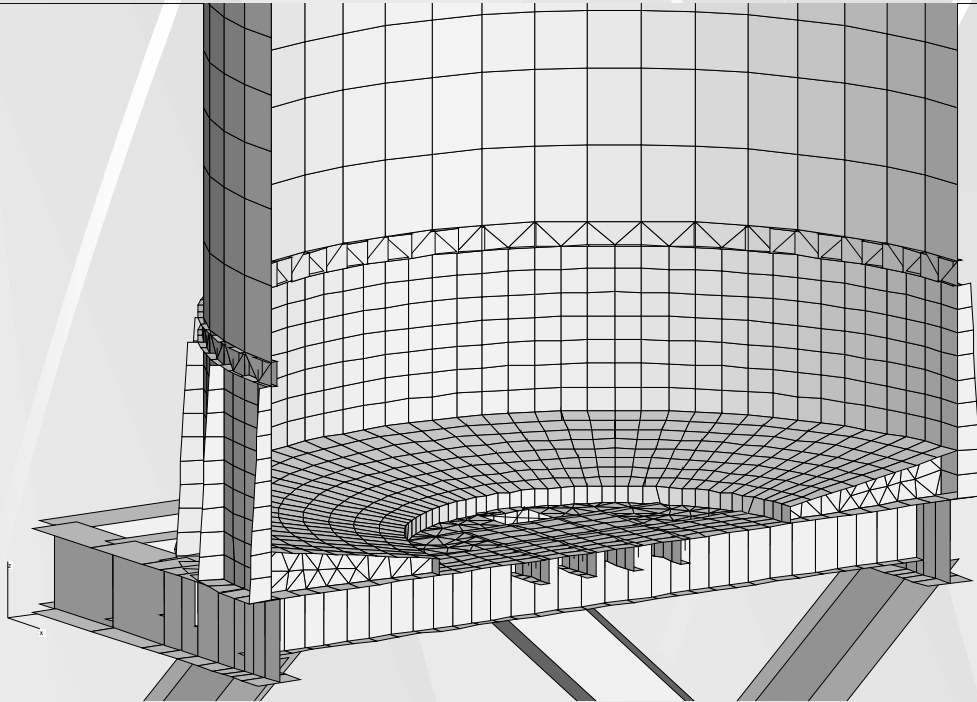
- Remplissage de fluides ou poudres



[BIOchina]
1/100.0



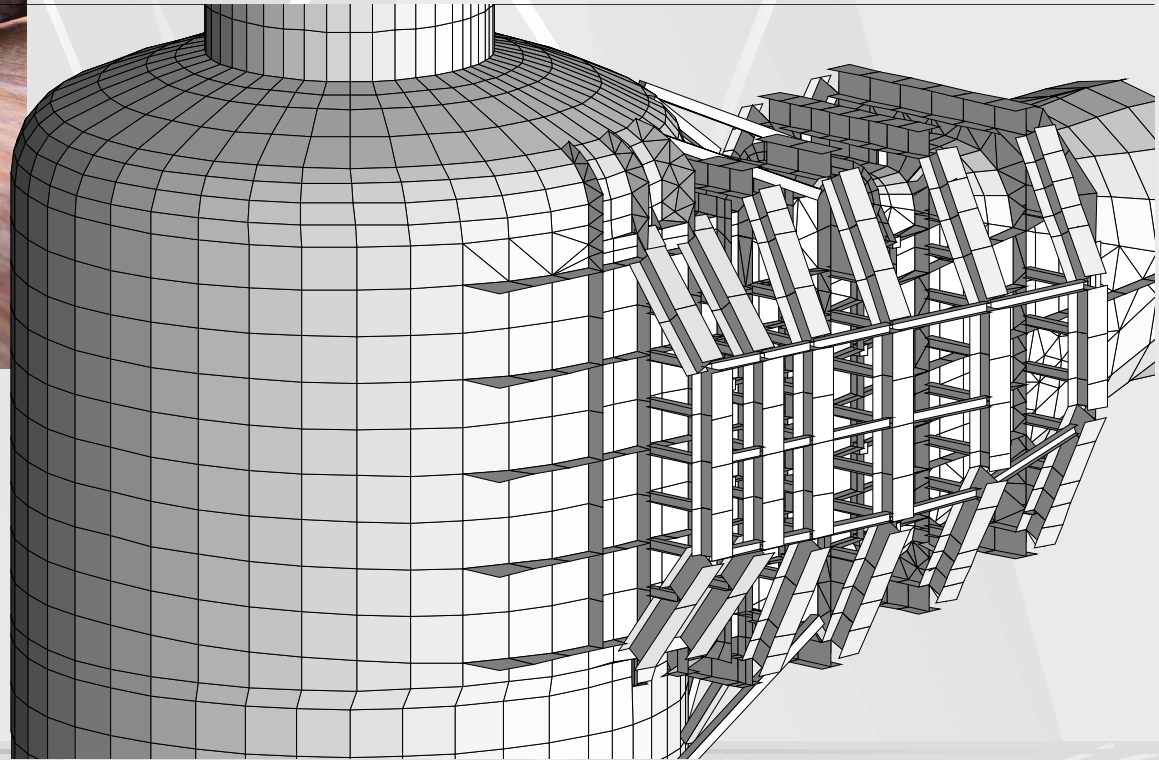
[BIOchina]
1/33.33





Expertise et renfort pour cyclone de haut fourneau

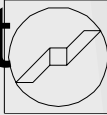
- Appareil sous pression d'air chaud





Convoyeur

- Convoyeur à bande avec palées de support



convoyeur_b30m
118142



convoyeur_support
113741





Pont tournant

- Charges de trafic, d'exploitation, vent, neige
 - Pont ancien remplacé par une structure plus légère

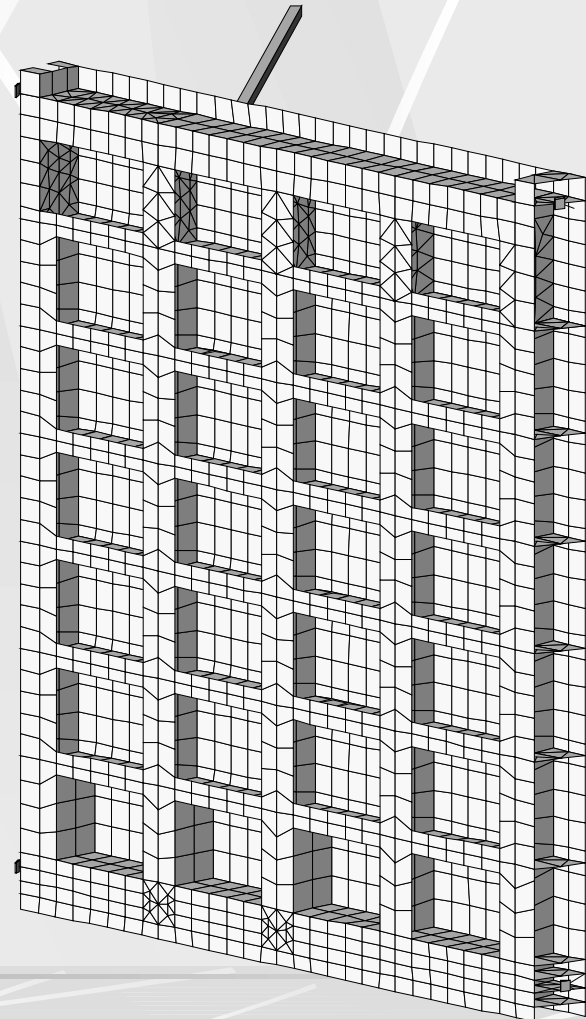
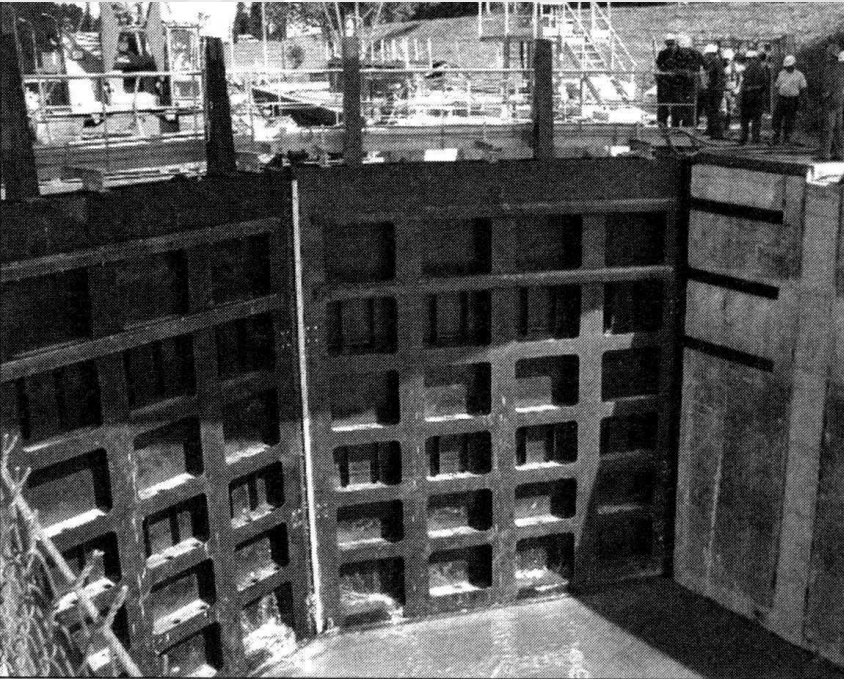




Écluse sur canal

● Pressions hydrostatiques

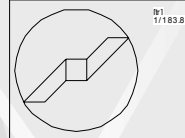
[vantai_oise]
1/50.4;



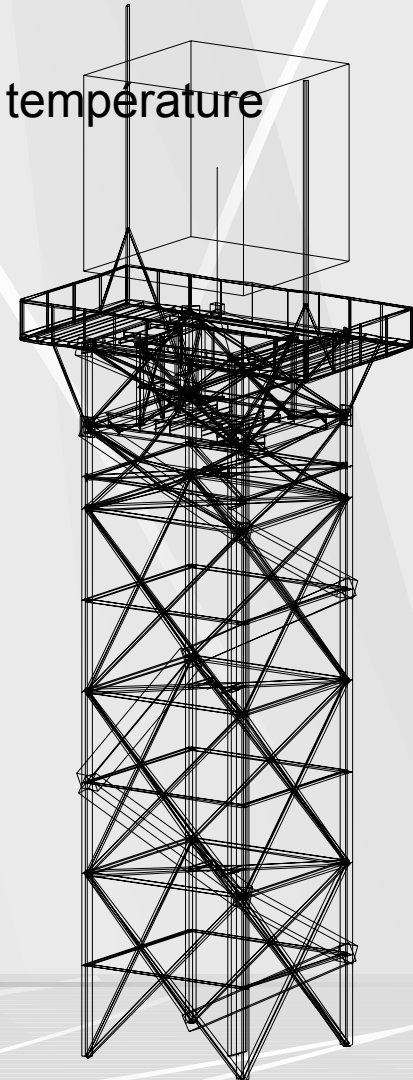


Tour radar

● Hauteur de 5m à 30m



- Implantation mondiale,
- Charges de vent extrême avec givre, séisme, température



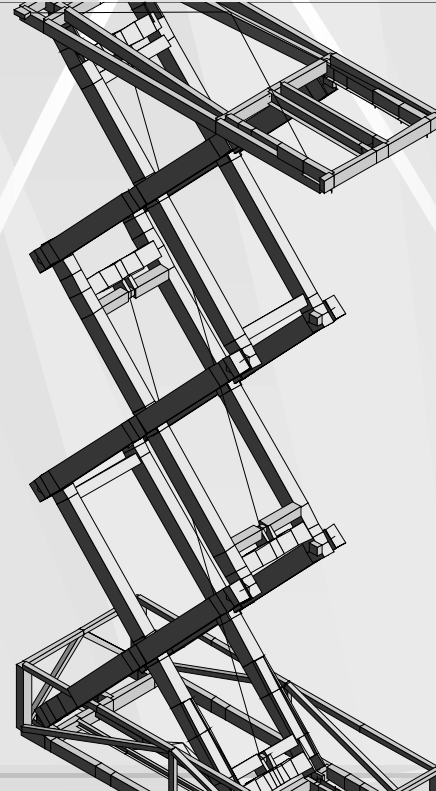
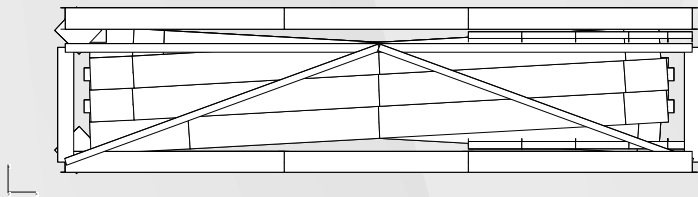
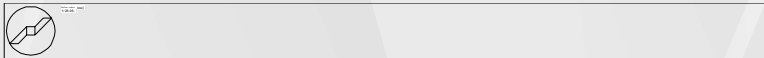


Systemes tactique



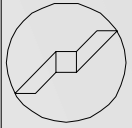
● Systeme de d'eploiement autonome

- Aero-transportable en conteneur
- Montage du radar et support sans grue

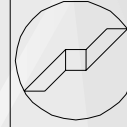
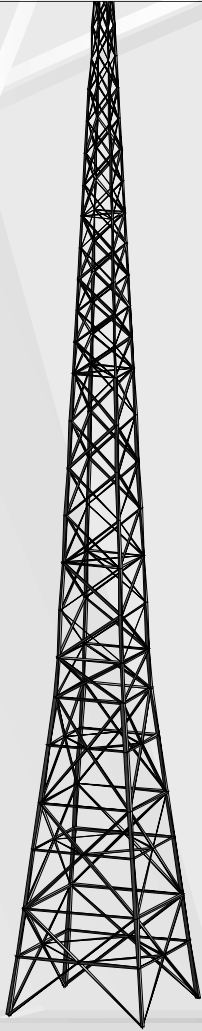




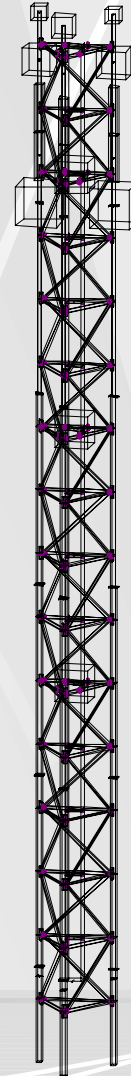
pylônes



Evilone 4L]
1/4252.



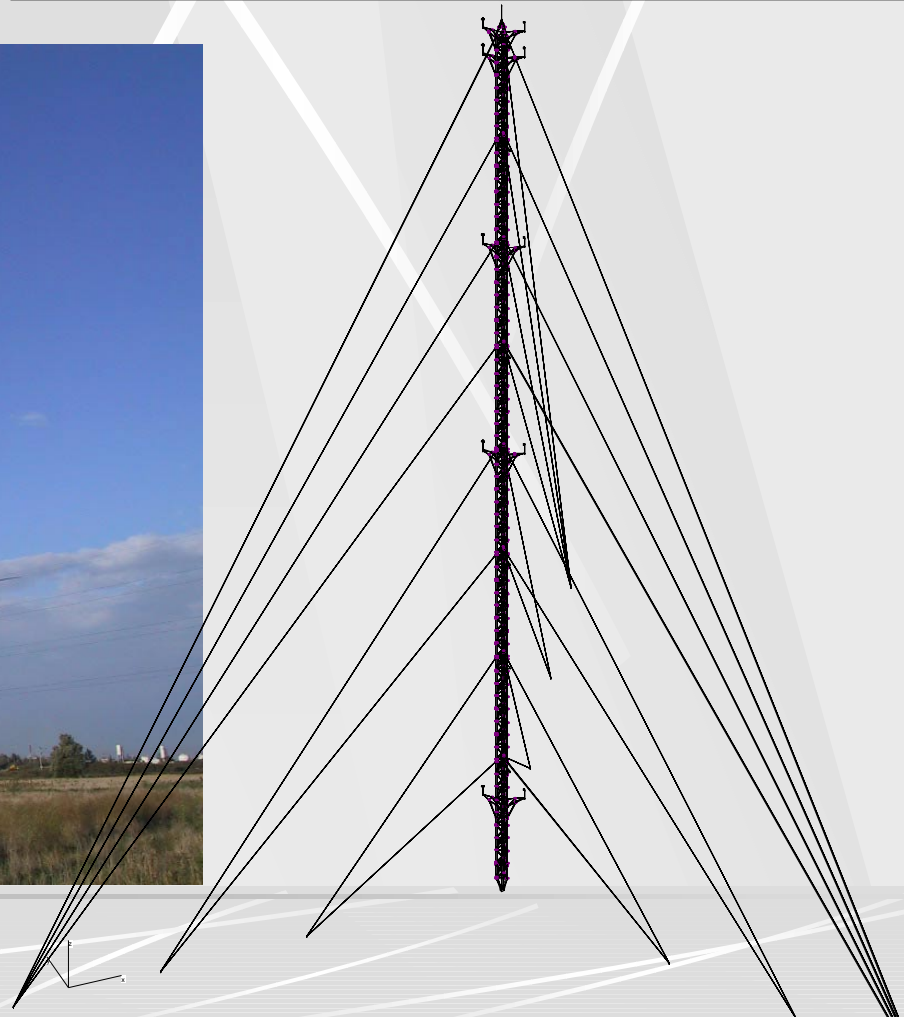
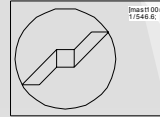
Evilone 30m2]
1/2102.





Pylônes haubanés

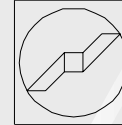
● Jusqu'à 100m





Pylônes télescopiques

● Jusqu'à 50m



IT30 aram_01
1/100.0



IT30 aram_01
1/100.0

