

Qui sommes nous?

2 architectes2 sensibilités2 familles

2 frères

Où vivre?

Situation

Terrain

Division



Dans la nature

Comment s'intégrer?



Dénivelé

Plateaux

ncastrement

Au site

Comment construire?

Historiquement : souvenirs d'enfance

Réflexion sur l'acier : « L'avenir de la maison métallique»

Légèreté

Isolation

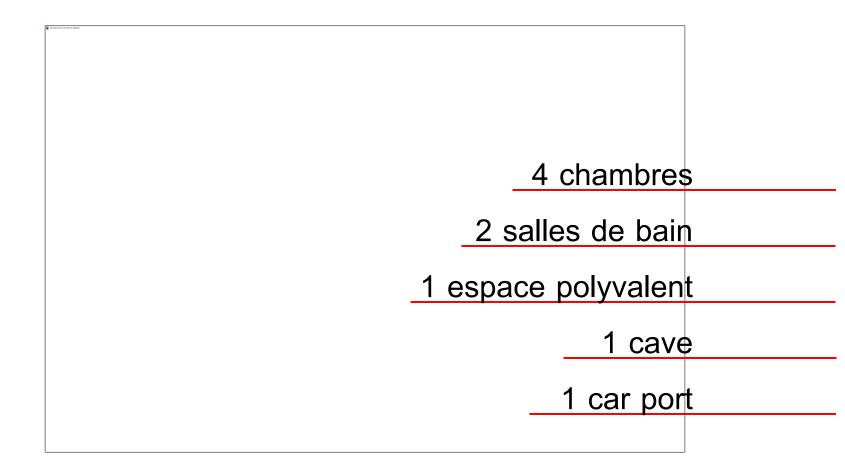
Flexibilité

Préfabrication et rapidité

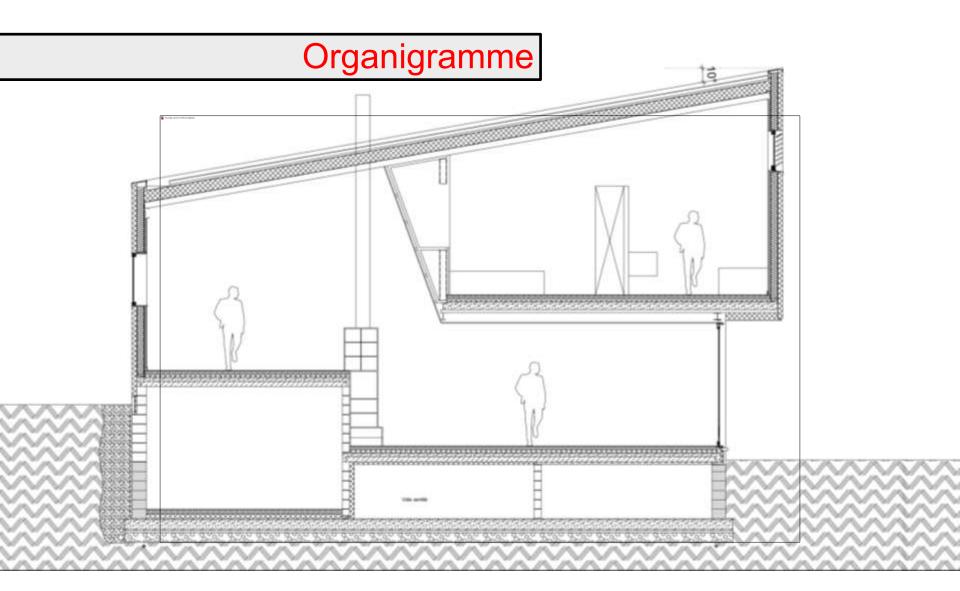
En acier



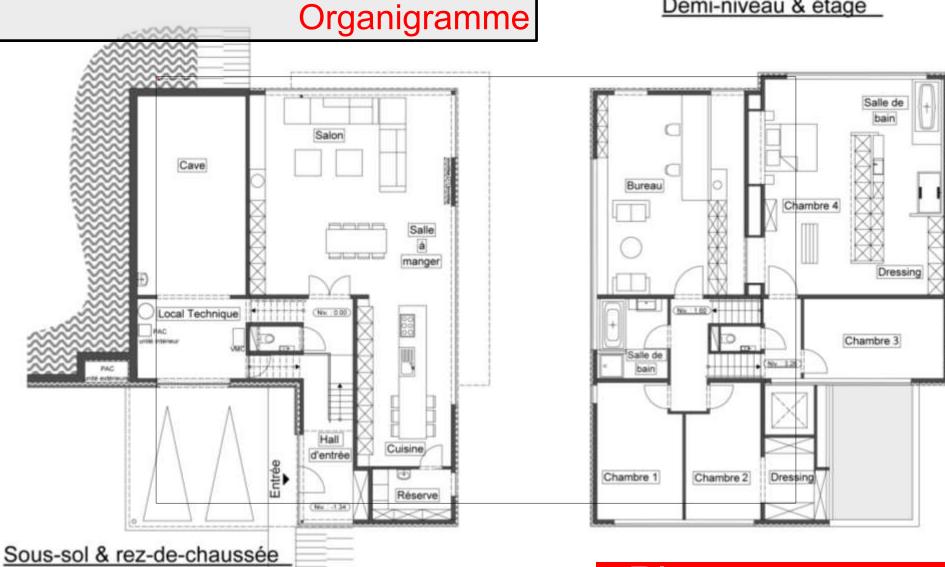
Organigramme



Standard



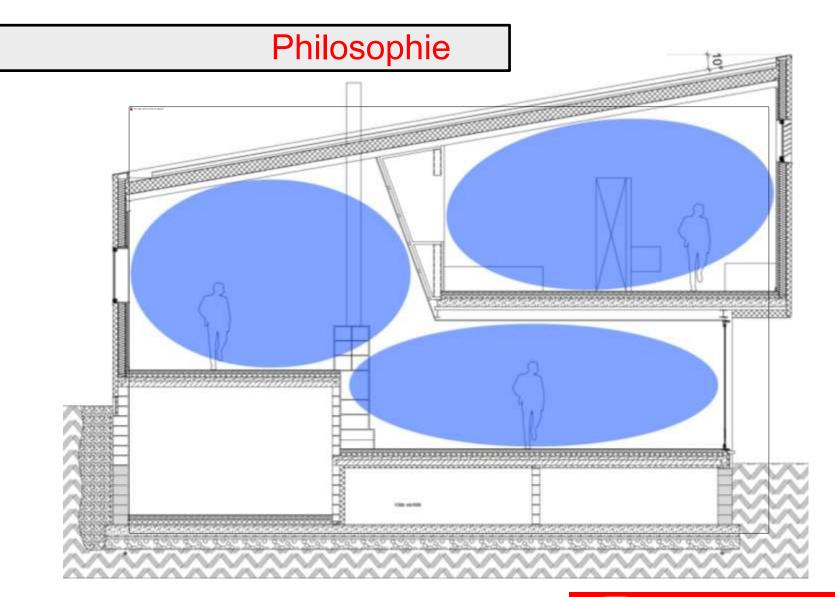
Demi-niveau & étage

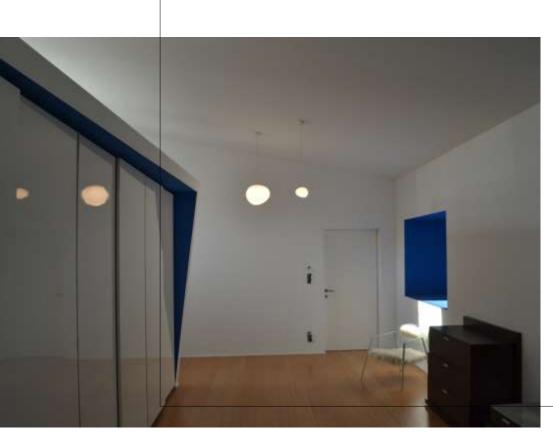


lans





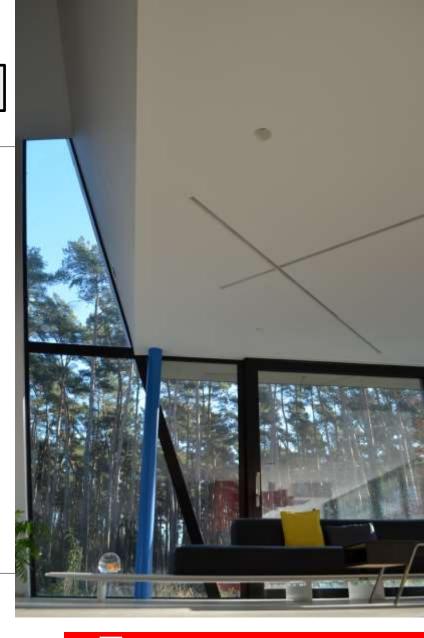






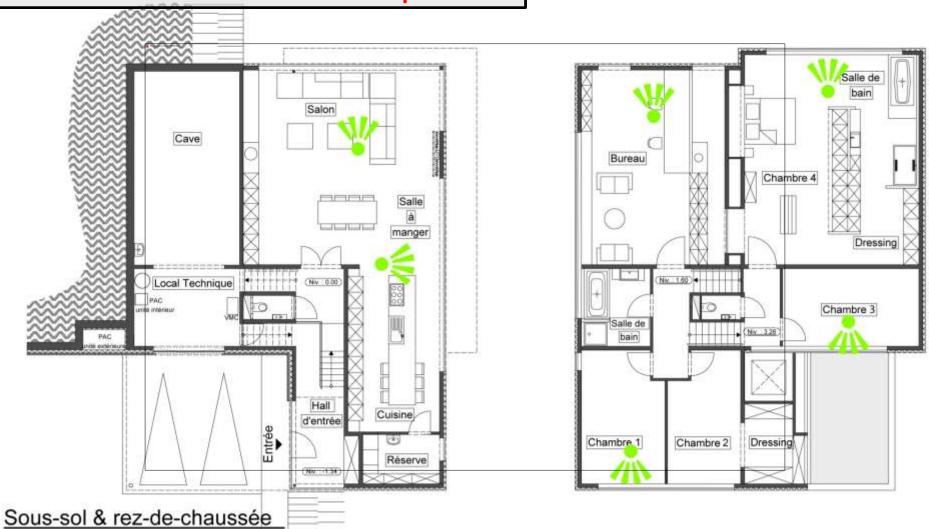
Espaces



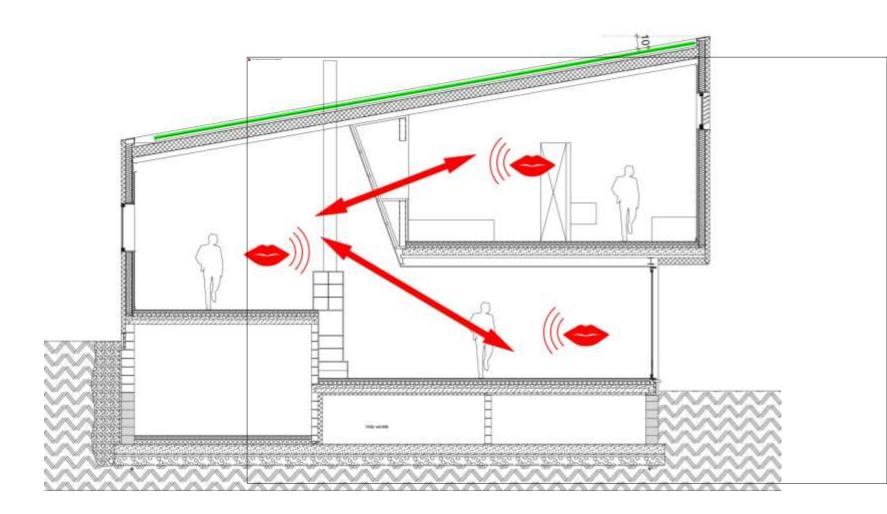


Espaces

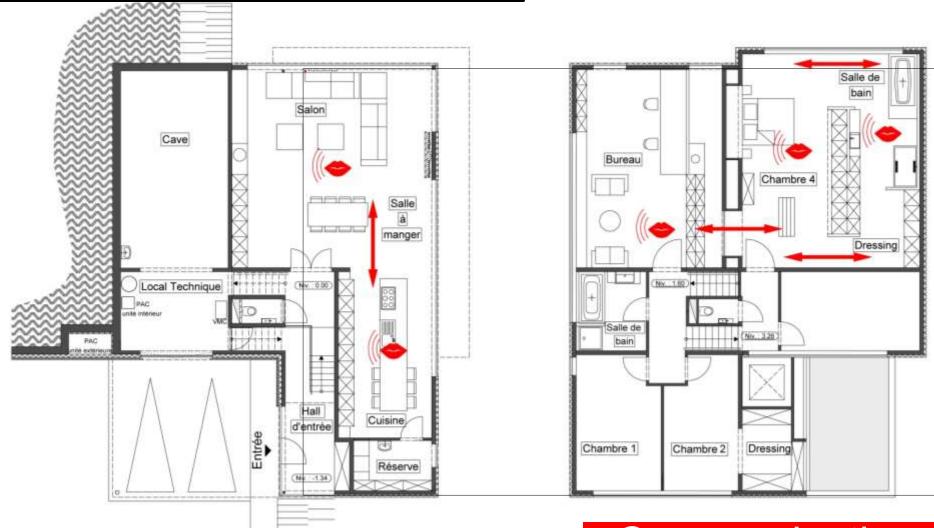
Demi-niveau & étage



Perspectives



Communication



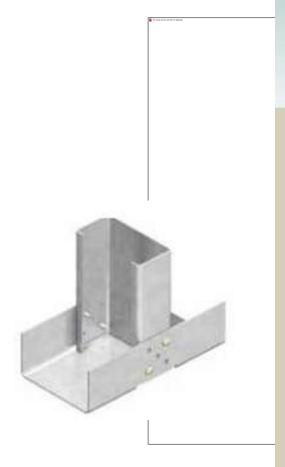
Sous-sol & rez-de-chaussée

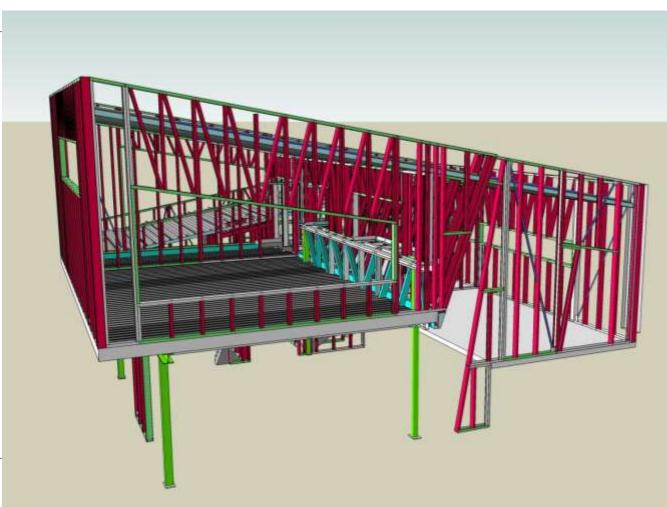
Communication



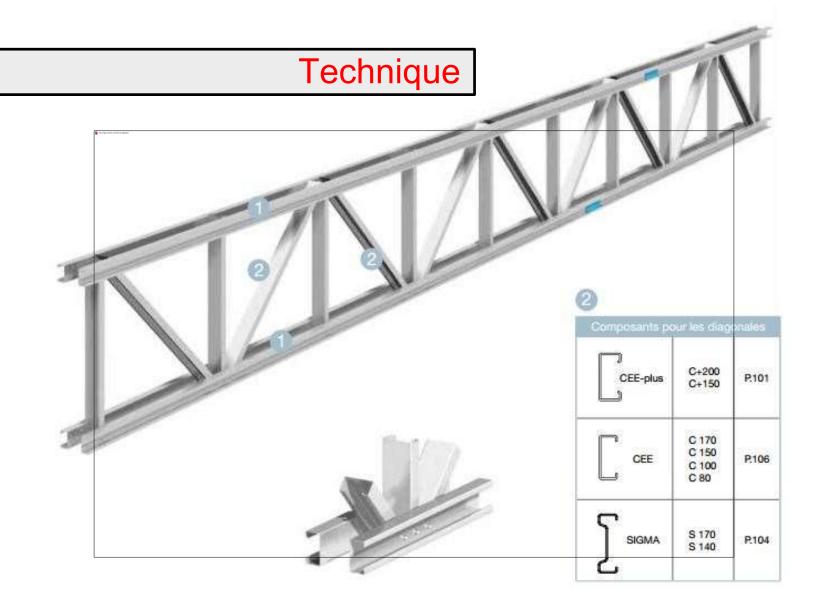


Technique

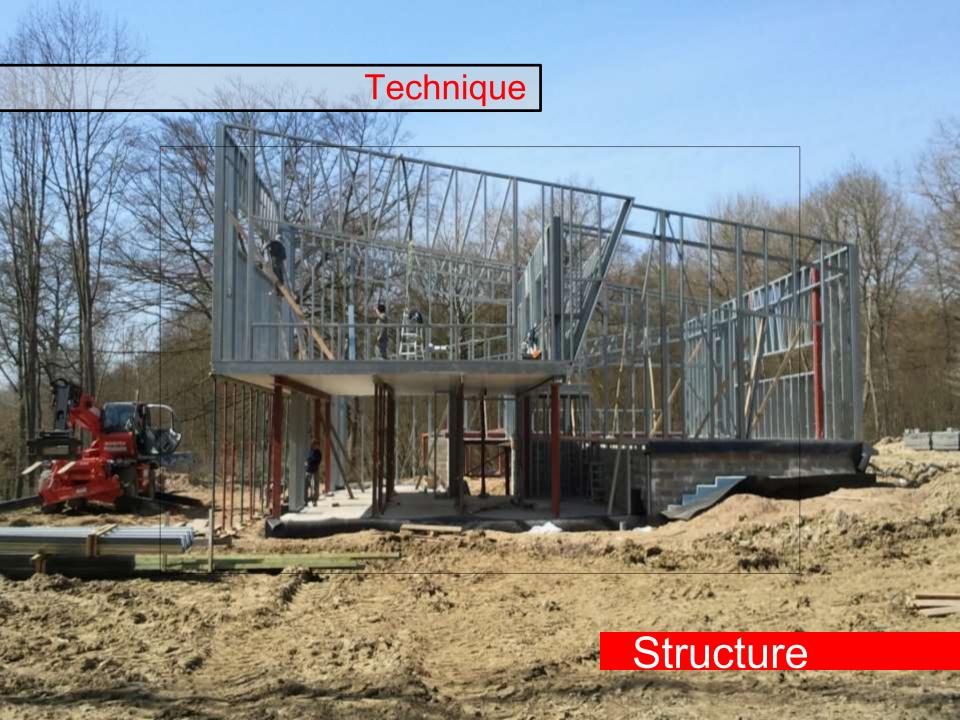


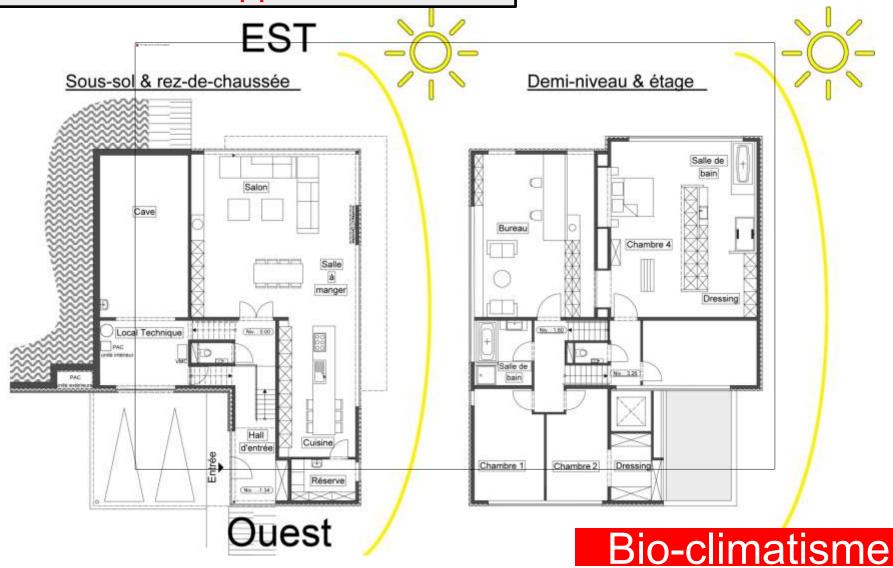


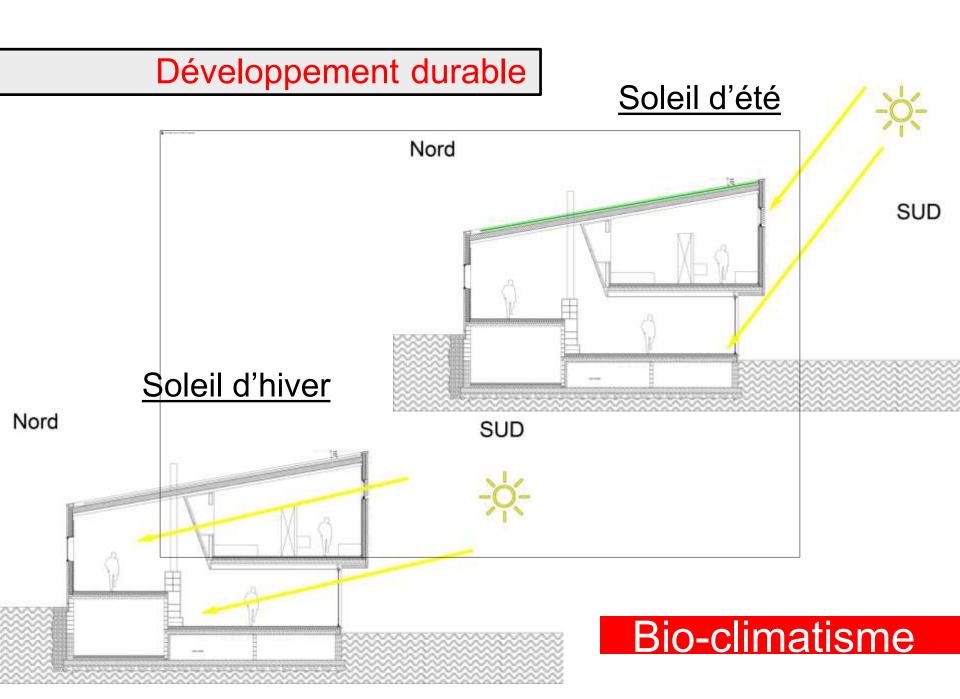
Structure

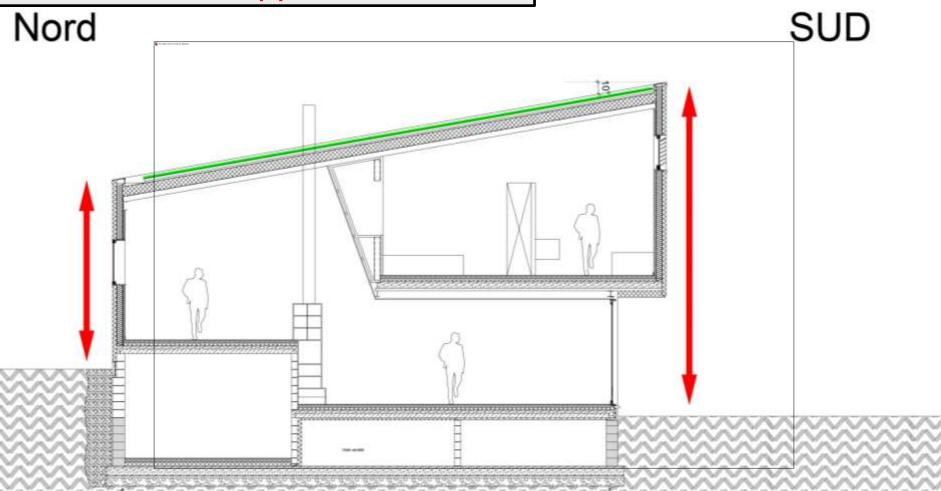


Structure

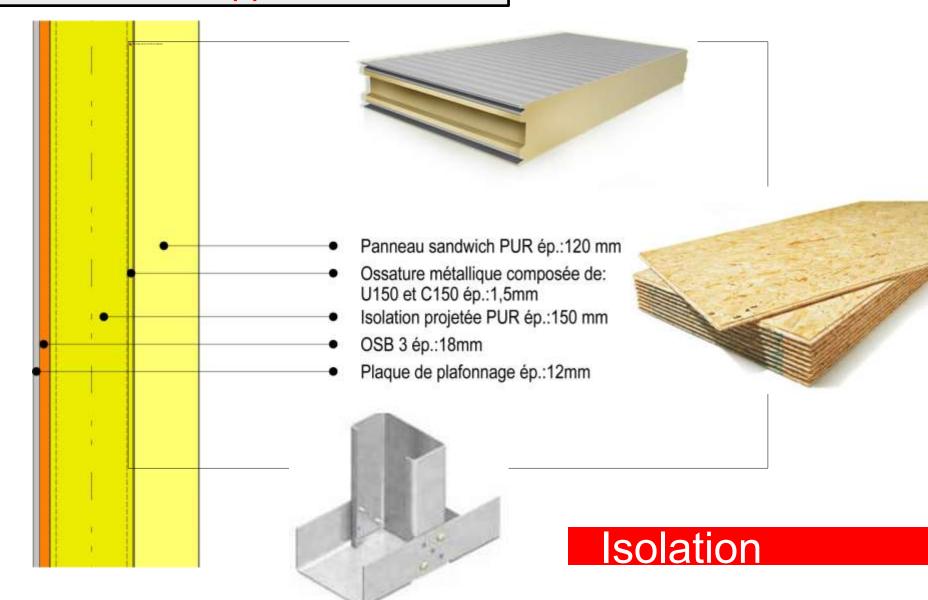


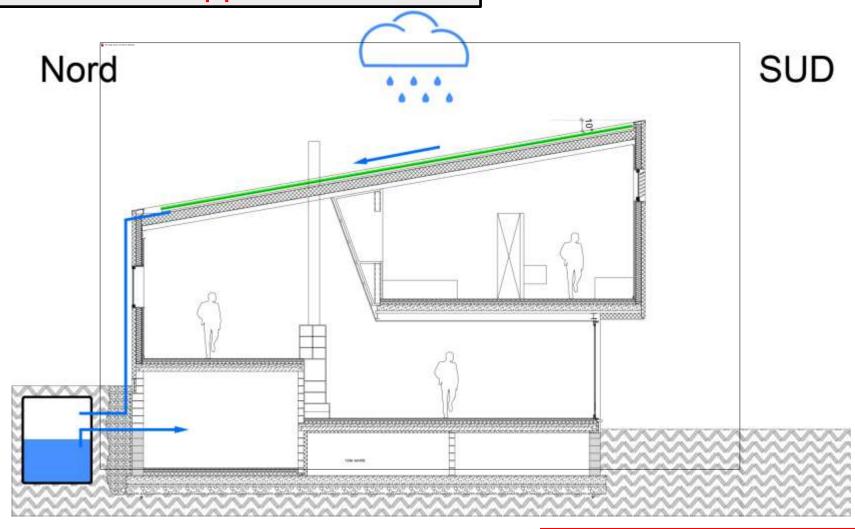












Gestion de l'eau

Double flux Free-cooling Pompe à chaleur

Energie

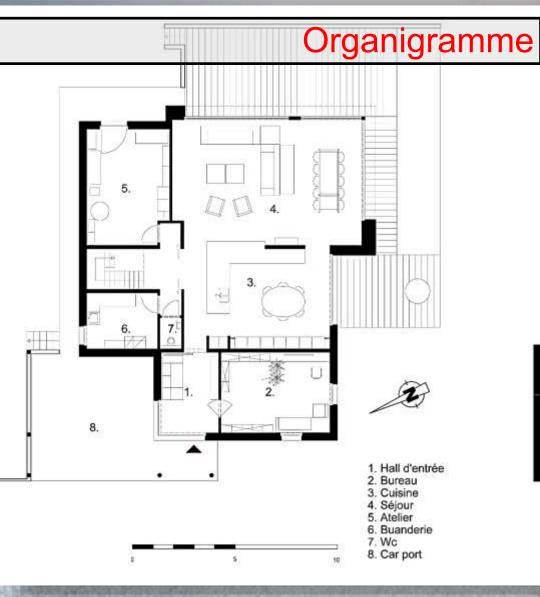
Partager l'expérience

Structure Bardage Isolation Acoustique Entretien et durabilité











Plans



Le chantier



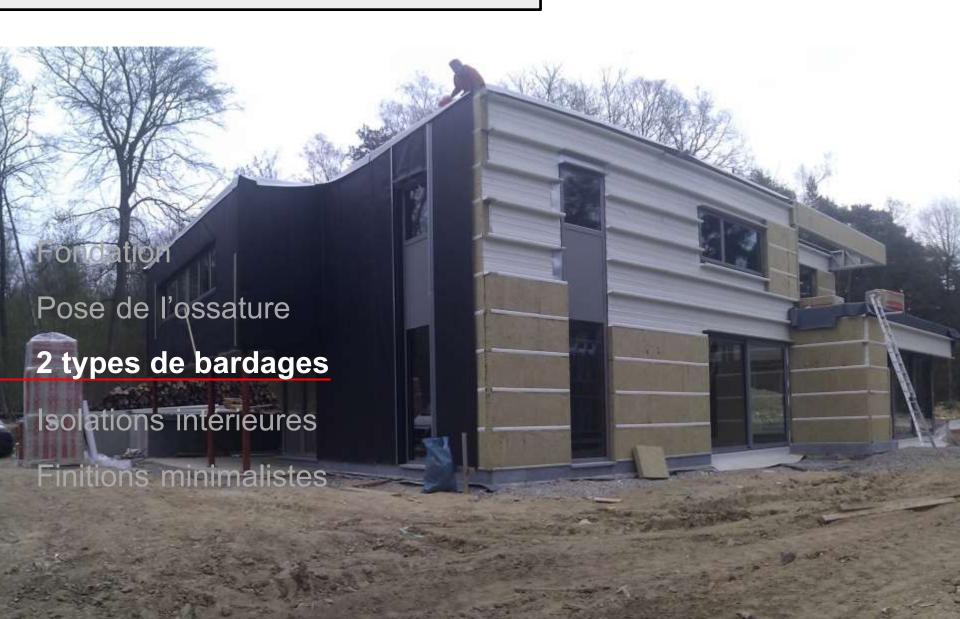
Le chantier







Le chantier













Bilan énergétique

Surface au sol: 400 m²

Volume intérieur : 1300 m³

Surface chauffée au rez de chaussée : 178 m²

Niveau K: 24 - Ew: 62 - Espec: 93

Pompe à chaleur air-eau pour chauffage sol : 6 kw

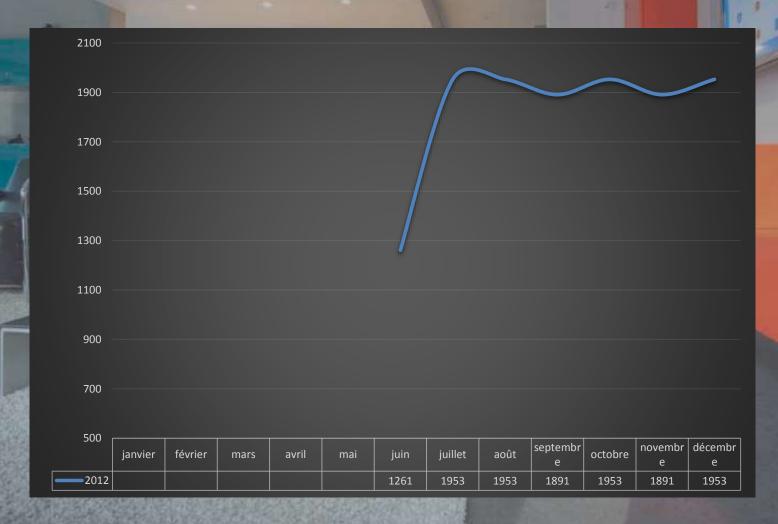
Ventilation Double Flux avec pompe a chaleur: 2 kw

Boiler 500 L

Consommation annuelle: 38 kwh/m² ou 14.800 kwh/an



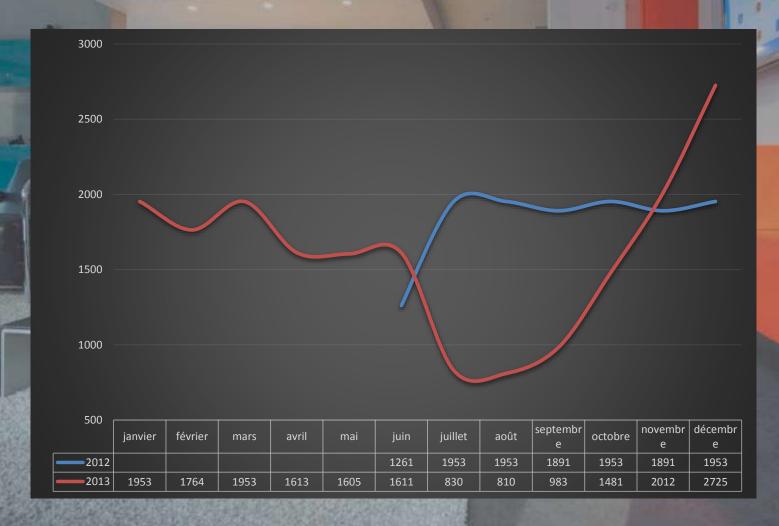
Consommation en 2012 : 20.000 kwh/an





Bilan énergétique

Consommation en 2013 : 18.000 kwh/an





Bilan énergétique

Consommation en 2014 : 15.000 kwh/an

