

“hautbois”, timber construction high-rise apartment building (competition) (competition)
housing + environmental design + paris 2017



the “hautbois” project is one of the major innovative projects for the construction of timber high-rise building (r+16), located in paris on the banks of the seine on the zac - concerted development zone - of bruneseau. adivbois - puca - urbanism construction architecture plan - national competition with quartus.

112 housings corresponding to a surface area of 8,888 sqm, shops, services and parking.

the project proposed major innovations for france:

1_ innovations in use and sharing (concierge service, rooftop gardens)

2_ conceptual and technological innovations for new urban uses

systemic innovation in urban agriculture with building-integrated vegetation (in particular greenhouses, agricultural farms and self-consumption),

creation of facades with intermediate spaces as extensions of apartments.

3_ technical innovations in timber using the core-skin-shell architectural concept.

glass facade to protect the timber, using the “urban wood” concept.

all-timber construction system with load-bearing partition walls and no concrete core.

reduced construction times and guaranteed high-quality construction.

architectural review future awards (2019)



ORGANISATION SPATIALE DES LOGEMENTS

