



The initiative France BOIS 2024

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2024



The Olympic Village

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 www.francebois2024.com

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A sectorial approach

- ❑ **1st phase: feasibility study, technical reports and recommendations to enhance the use of wood and wood-based materials:** Solideo, Paris 2024 (Committee for the Olympic Games), CG93, MGP, City of Paris, ESS 2024...
- ❑ **2nd phase: communication et accompanying stakeholders :** informing and mobilising the wood-based companies (*Meetings, webinars, webpage, newsletters, www.francebois2024.com*)
- ❑ **3rd phase education and training :** tailor-made training to address properly the needs for the Olympic Games objectives
Diagnostics, documents (guides PAC EXE), communication on special training and education, raising awareness



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The French lower-carbon commitment

The Olympic Games committed to the Paris Agreement:

- ❑ -30 % less CO2 emissions compared to London 2012
- ❑ -50 % less CO2 emissions for buildings and constructions

Carbon – neutral

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The winners of the Olympic Village

Sites A and B in Saint Denis: land owned by Vinci group.

- 115,000m², including 10,000m² of industrial halls rehabilitated into offices; 65,000m² of new housing and 40,000m² of offices.

All new buildings will have **wooden facades**; buildings smaller than **28m will have a wooden structure** with a concrete core.

Site C on Île-Saint-Denis (47,000 m² SDP): (winner selected by the Community Council): the Pichet-Legendre Gipen-Ossabois group, with wooden structures and / or wooden facades depending on the typologies and location of the buildings on this island.

Site D in Saint-Ouen (50,000 m² SDP): (winner selected by Solideo): consortium led by Icade, a subsidiary of Caisse des Dépôts (mutual savings bank), with uapS as architect-coordinator, REI Habitat and the Mathis company.

The wood elements announced are columns, facades, wooden floors for dwellings below 28 m and wooden facades above 28 m.

Site E in Saint-Ouen (56,000m² SDP): winner selected by Solideo: the alliance between developer Nexity and Eiffage, with two coordinating architects: Koz and CoBe, accompanied by operations architects and the company Simonin.

Buildings of less than 28m will have wooden facades, with a wooden structure and concrete floors. The project will use 100% French wood.



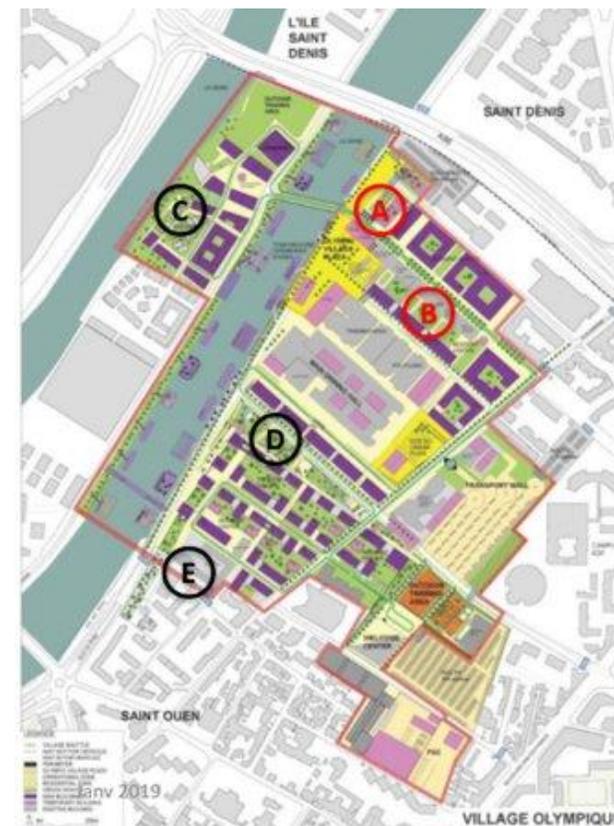
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Secteur	Surface de plancher		Proportion de bois en structure pour les bâtiments <28m (%)	Proportion de bois en façade pour l'ensemble des bâtiments (%)
	Valeur en m ²	Valeur en % du VOP		
Lots A et B	114 714	42	30	100
Lot C	45 394	17	32	82
Lot D	50 953	19	58	100
Lot E	58 988	22	100	60
VOP	270 049	100	50,91	88

Volumes of wood

21 300m³ on the Solideo scope:

- Vinci 12 725 m³ in full wood
- Eiffage 3 300m³ for the structure + 22 300m² in facades (= 3 750 m³ environ)
- Icade 4 000m³ for the structure + 13 200m² wooden floors
- Ile Saint Denis : Pichet 9 215 m³ for the structure (including 2000m³ variations) + 10 000m² in facades



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Location of the athletes and media villages

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Calendar



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The village for
the athletes
(315 000m²)

- 50% wooden structures for buildings <28m
- 88% of wooden facades

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Arena 2

The selected group:
Bouygues, Scau, NP2F,
Mathis

- Capacity of 8000 seats
- 100 % wood frames
- Mixed wood-concrete floors
- 60 % of solid wooden facades

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The New Aquatic Centre

High priority project for the Olympic Games

175M€ (including the pedestrian bridge crossing AutoRoute 1)

Flexibility to host between 6000 to 2500 places

Selected group: Bouygues, Agence 234, Mathis

Dimensions 30m x 106m x 114 m

Timber framed construction

Breaking-ground in summer 2021
finalising in 2023



Challenges and actions

- ❑ accompanying research and studies on the wood constructions
- ❑ changing habits with new standards and regulations
- ❑ applying the dynamic LCA method
- ❑ increase the market share for wood and wood-based materials. Competitive pricing
- ❑ Science and Innovations
- ❑ Communication → fight fake-news!



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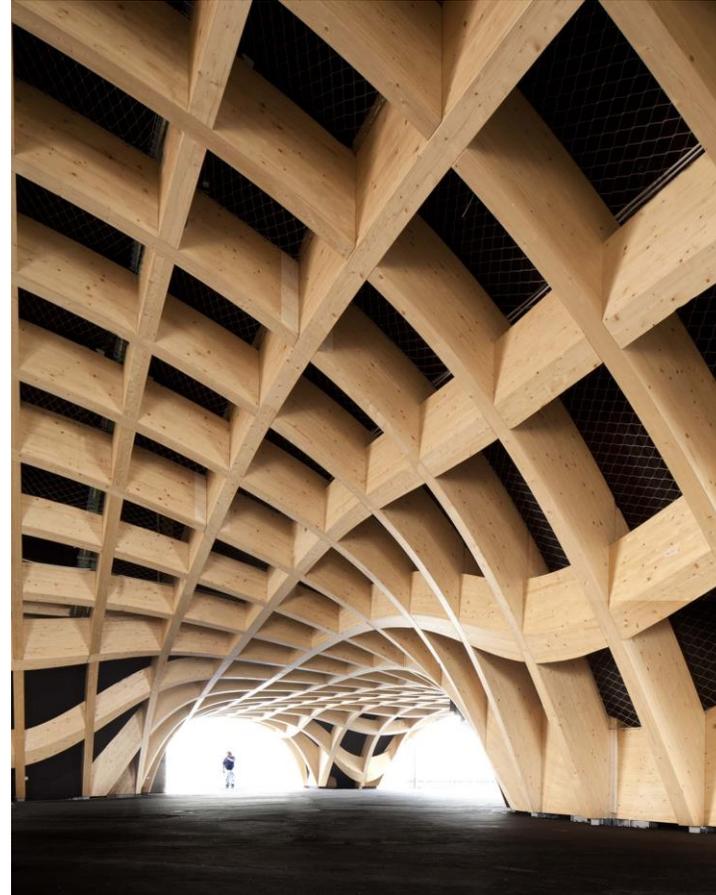
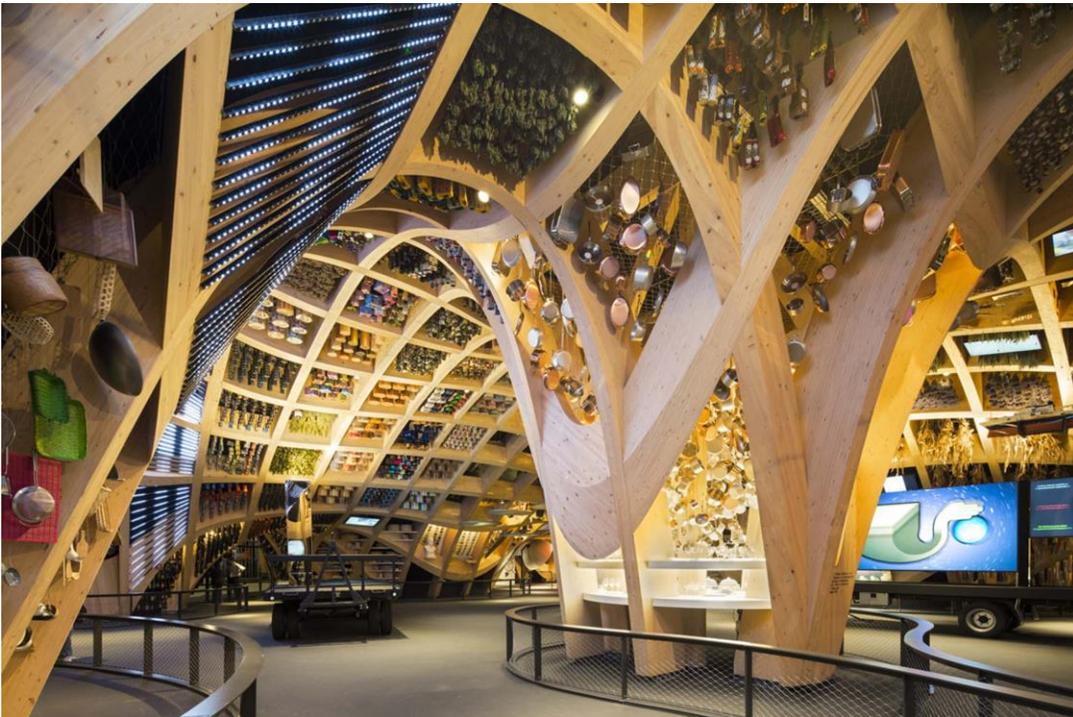


The Grand Palais
Éphémère in
the heart of
Paris!

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French Pavilion at the EXPO 2015



Pavillon of
France at the
Expo in Milan

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Claude Bernard

Pedestrian bridge
in Paris

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Thank you very much for your attention!

See you in Paris

Georges-Henri
Florentin