



## ARBORETUM: BIO-SOURCED MATERIALS, BIOCLIMATIC DESIGN, AND PRODUCTION OF RENEWABLE ENERGY

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**Authorship:** Proposal by Leclercq Associés.

Arboretum is the most ambitious office real estate project since the construction of the business district of La Défense on the western city limits of Paris in the 1970s.





With a central focus on overall environmental quality, Arboretum will be the largest office project built from solid wood in the world. The 126,000 m2 campus is set to be finished in 2022. The materials, the construction method, the usage and the evolution of the buildings have been designed to reduce greenhouse gas emissions and maximize their resilience. The use of bio-sourced materials, the bioclimatic design, and the production of renewable energy (photovoltaic and geothermal) make the site a true model of sustainable development and mark a new stage in the ecological transition.







The philosophy of the Arboretum is based on a simple principle: offer each office a connection to the outside landscape by providing terraces allowing people to work in exterior meeting rooms, as well as an outdoor amphitheater and working bubbles in the park. The buildings of the campus will follow a curved central pathway; the various surfaces are distributed on plateaus of different levels, ideal for enabling urban planning flexibility.



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