



Diamiado Terre-Typha Ecopavilion

Cité des Savoirs, Diamiado, Senegal, 2015-2019

CraTerre + Elementerre + Worofila

Architects, Design Team and Consultants

CraTerre + Elementerre + Worofila + Abdulaye
Sene + IRHIS

Nzinga B. Mboup (Dakar, Senegal), Nicolas Rondet
(Worofila, Dakar-Senegal)

Client

PNEEB TYPHA
Ministry of the Environment of Senegal

Developer

PNUD/FEM

Contractor

Elementerre

Start-End Work Year

2015 (competition), 2017-2019 (Research-
Construction)

Gross Area

300 m²

Sustainable Systems and materials

Typha-based buildings materials

Expert committee. Architecture and Sustainability: Outstanding Qualities

The scientific committee highlights that Diamiado Ecopavilion is a « Living Laboratory to test different construction techniques with local bio-based and geo-based materials. Testing of local resources, such as earth, typha and bamboo in different building components to create low impact and hyper regional architecture. Demonstration how these materials can come together in different building typologies to demonstrate application», and extracts from the text provided by the architects: «it also takes advantage of the high thermal inertia of raw earth and the excellent thermal insulation properties of typha. The buildings were also designed under the fundamental bioclimatic principles considering the conditions of the climate and the natural environment. »

Website studio (link)

<https://worofila.com/en/projects/ecopavillion/>

IG @worofila