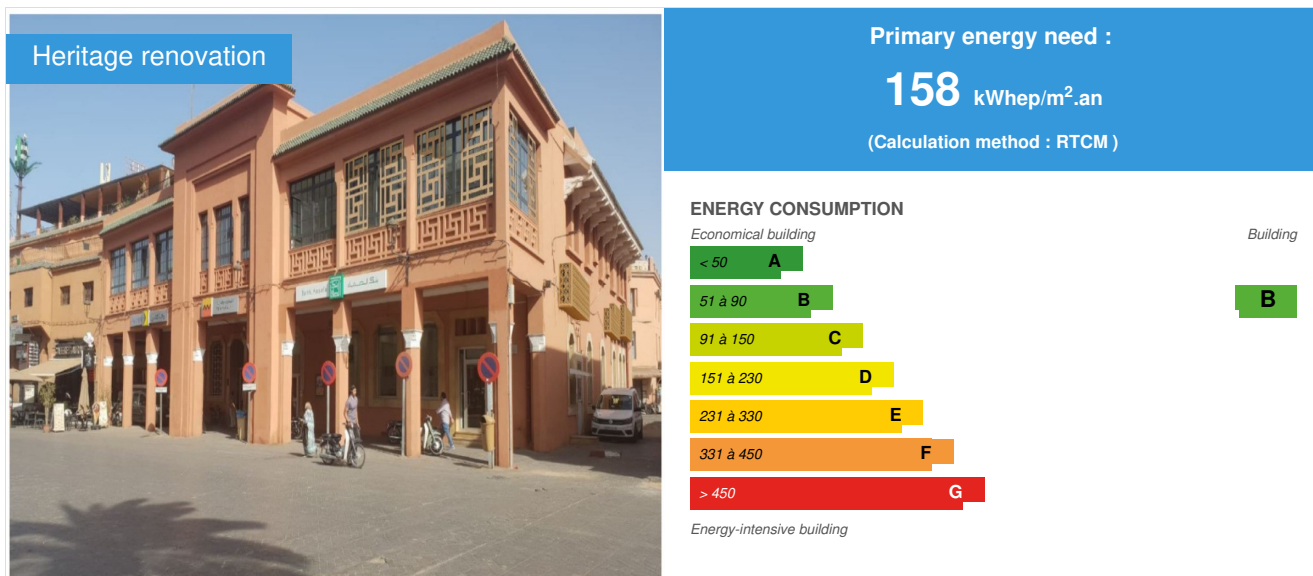


Holiday homes Marrakech Medina - AWB

by Ibtissam GHAZZAR / 2021-03-25 20:42:07 / Maroc / 5471 / FR



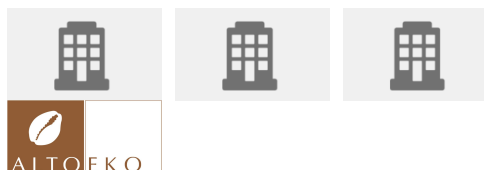
Building Type : Other building
Construction Year : 2018
Delivery year : 2019
Address 1 - street : Rue Moulay Ismail, Jemaa EL FNA 40000 MARRAKECH, Maroc
Climate zone : [BSk] Mid-latitude Dry Semi-arid (Steppe)

Net Floor Area : 520 m²
Construction/refurbishment cost : 570 000 €
Cost/m² : 1096.15 €/m²

Certifications :



Proposed by :



General information

Renovation project of a building classified as historical heritage of Marrakech by the banking group ATTIJARIWAFABANK wishing to put at the heart of the architectural intention the assets already available to the building dating from 1921 while carrying out significant actions in terms of energy reduction , waste, and more generally the protection of the environment.

Data reliability

3rd part certified

Photo credit

Not

Stakeholders

Contractor

Name : Attijariwafa Bank

Construction Manager

Name : Atelier 33

Owner approach of sustainability

It should be noted that the Attijariwafa Bank Group has been engaged since 2015 in a CSR approach structured around 4 axes and 10 commitments by putting the challenges of sustainable development at the heart of its approach. In order to promote the various actions undertaken in favor of respect for the environment and in particular sustainable construction, ATTIJARIWAFABANK has set up a global management system in order to take into account, as early as possible, environmental issues. in the development of construction projects.

Architectural description

As this is a building classified as historical heritage of Marrakech, ATTIJARIWAFABANK wishes to put at the heart of the architectural intention the assets already available to the building dating from 1921 while carrying out significant actions in terms of energy reduction, waste, and more generally the protection of the environment.

Indeed, the building has the specificity of having a traditional architecture centered by a patio around which the different accommodations are articulated.

[↗ Le patio constitue un modérateur du microclimat intérieur. Il jouit d'un microclimat plus tempéré que le climat extérieur, et joue ainsi le rôle d'un espace tampon entre l'intérieur de l'habitation et l'ambiance extérieur. Il dote la bâtisse de façades in](#)

Energy

Energy consumption

Primary energy need : 158,00 kWh/m².an

Primary energy need for standard building : 205,00 kWh/m².an

Calculation method : RTCM

CEEB : 0.0001

Final Energy : 52,00 kWh/m².an

Envelope performance

Envelope U-Value : 0,78 W.m⁻².K⁻¹

More information :

The exterior walls are composed of a 50cm limestone rock, the roof is equipped with an ITE and a glazing of 1.3W / m².k

Renewables & systems

Systems

Heating system :

- VAV System

Hot water system :

- Individual electric boiler

Cooling system :

- VRV Syst. (Variable refrigerant Volume)

Ventilation system :

- compensated Air Handling Unit

Renewable systems :

- No renewable energy systems

Environment

GHG emissions

GHG in use : 11 889,00 KgCO₂/m²/an

Methodology used :

Calculated by designbuilder software covering the operation and activity phase

Costs

Construction and exploitation costs

Total cost of the building : 570 000 €

Urban environment

Iconic square Jemaa ELFNA

Building Environmental Quality

Building Environmental Quality

- comfort (visual, olfactive, thermal)
- water management
- energy efficiency

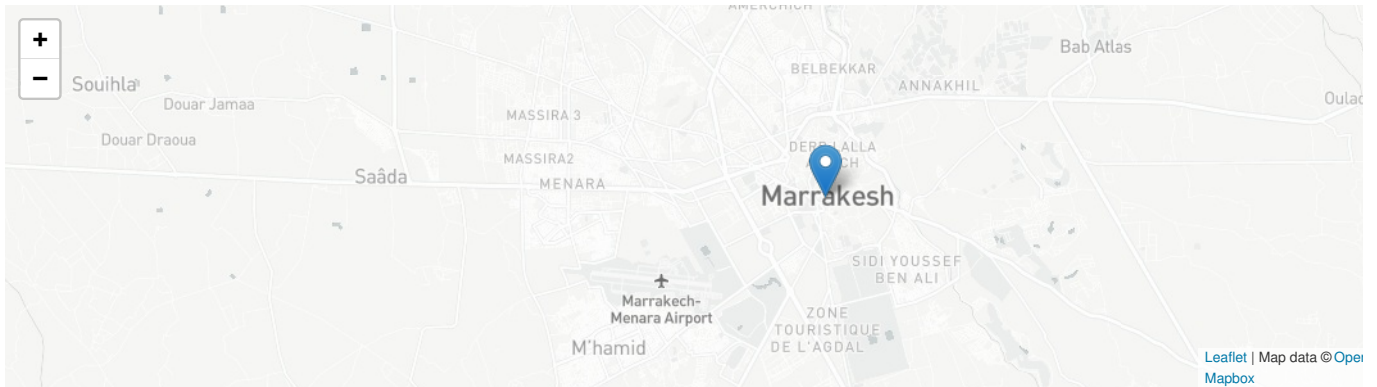
Contest

Building candidate in the category





Santé & Confort



Date Export : 20230415202536