

## situation monitoring

The project lot is located at the southern limits of the SOLIDERE area.

This border is marked by a wide avenue, the ring road, a wall of cars.

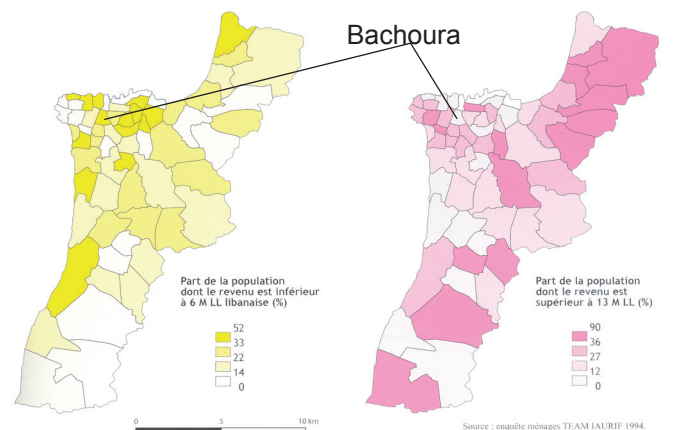
The site beyond the ring road:

The former French hospital "Sacre Coeur" was destroyed in the 70s, the lot has been flattened.

Currently it is used as an informal football ground.



The wall named above separates the formerly united district Bachoura in two different parts; different in status of reconstruction different in economic, social stratum.



income Beirut 1994 (Atlas Liban, 2007)

## urban and architectural objectives.

The urban objective corresponds with the ideological objective.

The HoAaC has a connective role; connective between the artist and the art consumer, between people of different ages, countries, cultures.

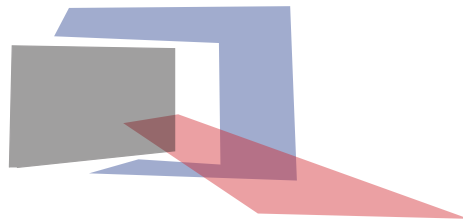
Separation reorders relationships.

This project tries to establish a relationship with the public.

To reach this,

at first HoAaC is cut into two parts – into a production and a consumption part.

The two components are embracing each other; in between of them results a bridge, public space. A pedestrian bridge, stairways, a panoramic view terrace for the public constitute the center of the House of Arts and Culture.



On the one hand this bridge connects the public with the artist by passing workshop windows, arts café,...

Even the performance Hall communicates with the bridge outside and the by-passing cars.

On the other hand it reconnects Bachoura, the public with the public. The informal soccer ground on the former Sacre-Coeur lot and the youths playing there are connected to the House of Arts and Cultures, to the Beirut city center.



The chosen materials are supposed to intensify the connective function of the building:

limestone coat:

people appreciate natural materials, they can identify by feeling stone.

The reconstruction projects of central Beirut mainly have limestone façades.

The material relates the city to its surrounding mountains (iconic example jeita grotto)



Cor-ten steel: bridge, construction.

This material is frequently used for bridge constructions because it is very well suited for weld, screwed and rivet joints.

At the same time the material is used by artists to create sculptures for in- and outdoors, as it is resistant to atmospheric attack. Furthermore, the rust gives an individual texture to the object due to the fact that it is subject to constant modification.

Sustainability is not only a technical but also an architectural target.

People should identify positively with their surroundings in order to take care of it. Identification with architecture for urban sustainability



## functional & spatial organisation.

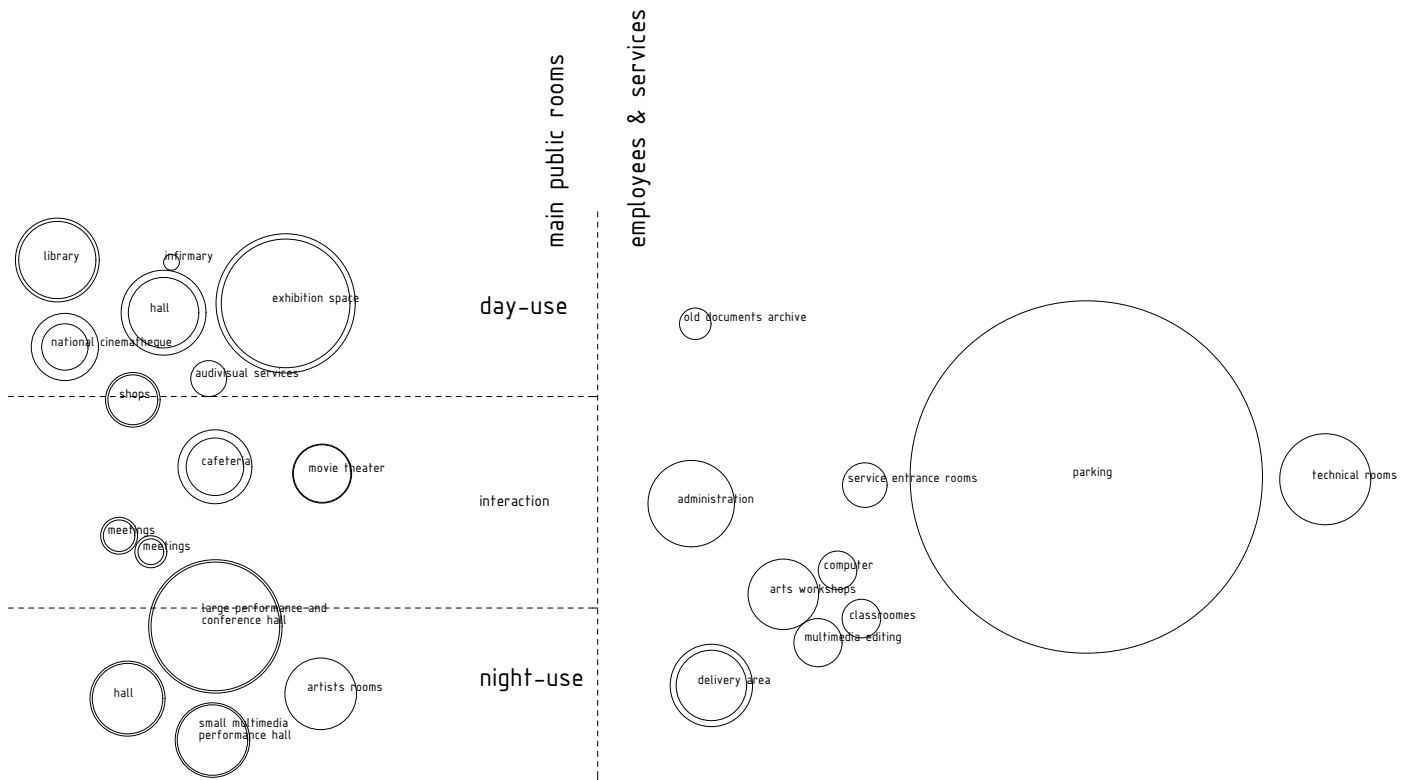
The building is precisely organised in two directions.

Horizontally by the user:

consumption building - public space – production building.

Vertically by natural light:

from cinema (no daylight, lowest level) to exhibition hall (northern rooftop daylight).



## technical & building solutions.

The plant rooms were arranged in the upper part of the building right under the exhibition hall, what has the advantage of an effective temperature control and water supply.

The facade structure should contain incorporated homogenous solar cells to assure that a part of the power requirement can be gained self-sufficiently.

The foyer is generously glassed only northbound, the production building, containing offices and workshops, obtains its daylight predominantly from a broad glazing towards the shadily passage to avoid excessive heat caused by direct insulation.