

## MILESTONE 1.1

### 1. GENERAL INFORMATION

**PROJECT:** RENOVATION OF A FORMER INDUSTRIAL SITE

**CONTEXT:** PISTOIA, IT

**ORIGINAL USE:** INDUSTRIAL SITE

**USE:** LIBRARY

**DESIGNER(S):** PICA CIAMARRA ASSOCIATE

**COMPLETION DATE:** 2007



**Keywords:** Architectural Expression, Modest Transformations, Natural Lighting, Sun Chimneys, Natural ventilation systems, Natural difference pressure, Air extraction, Development and progress of this city, City's cultural life



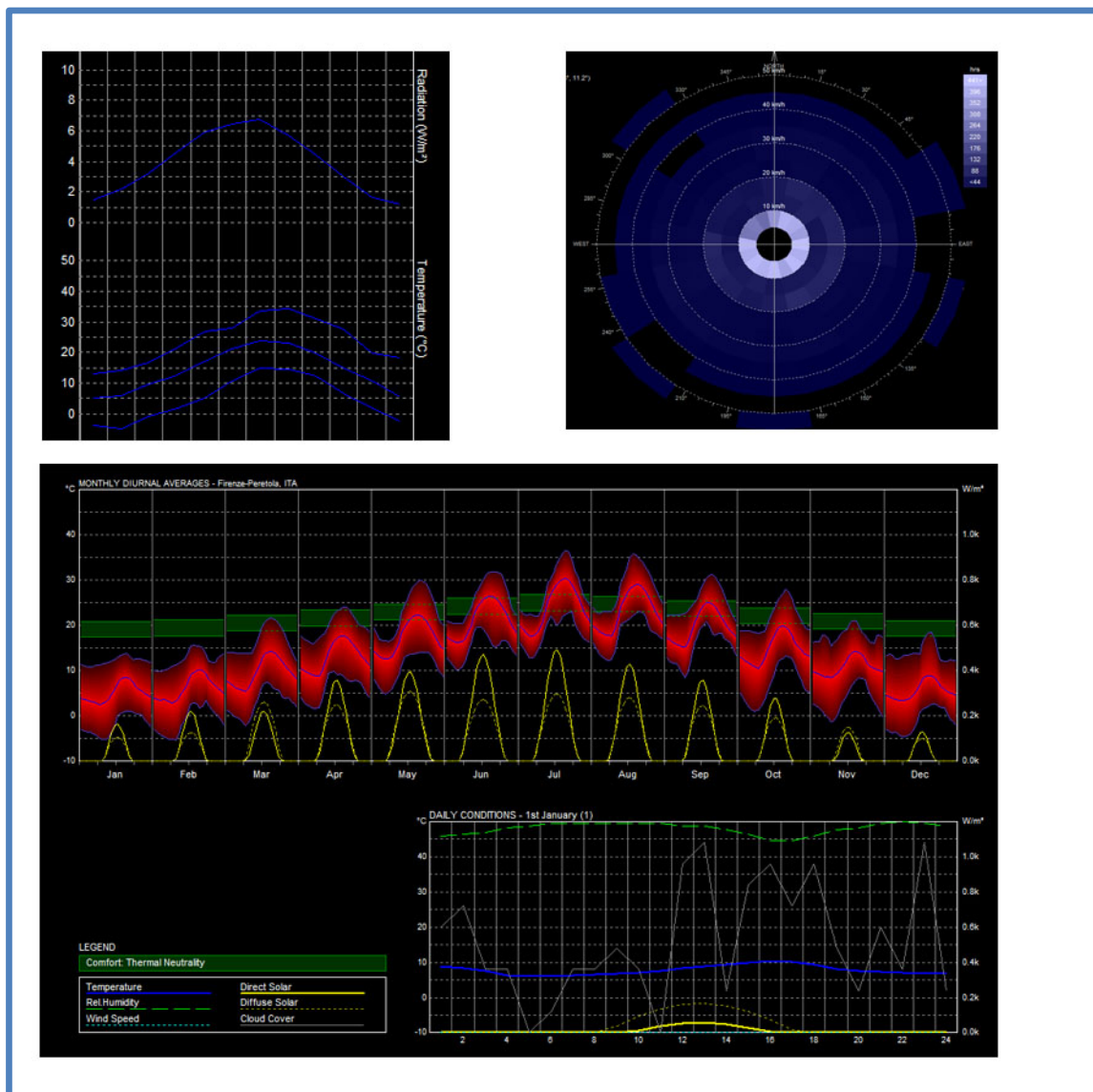
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## 2. CLIMATIC FEATURES

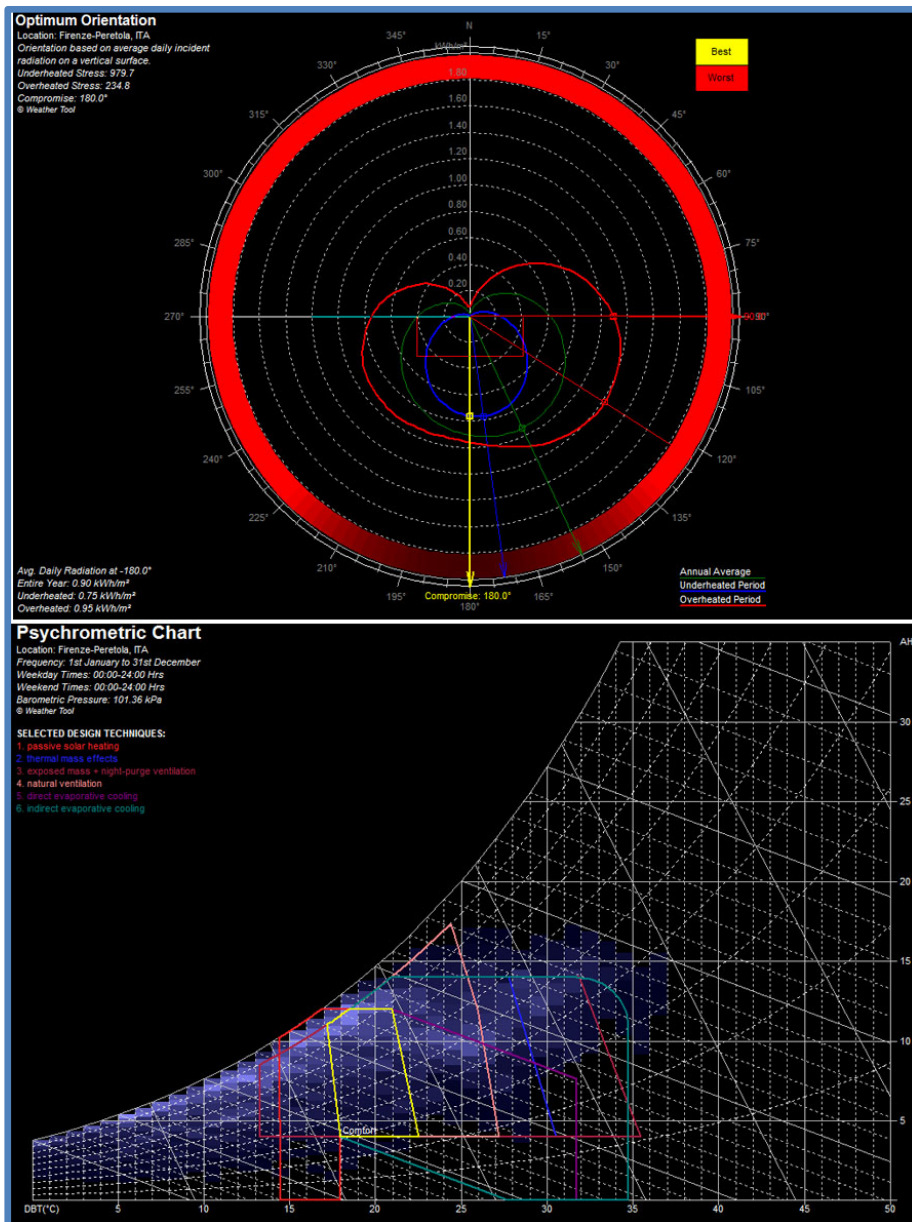
### CLIMATE SUMMARY:

- MONTHLY DATA: RADIATION (W/mq); MAX, MID, MIN TEMPERATURE °C
- PREVALLING WIND (WIND FREQUENCY – Hrs)
- HOURLY DATA – MONTHLY DIURNAL AVERAGES
- DAILY CONDITION (1<sup>ST</sup> JAN



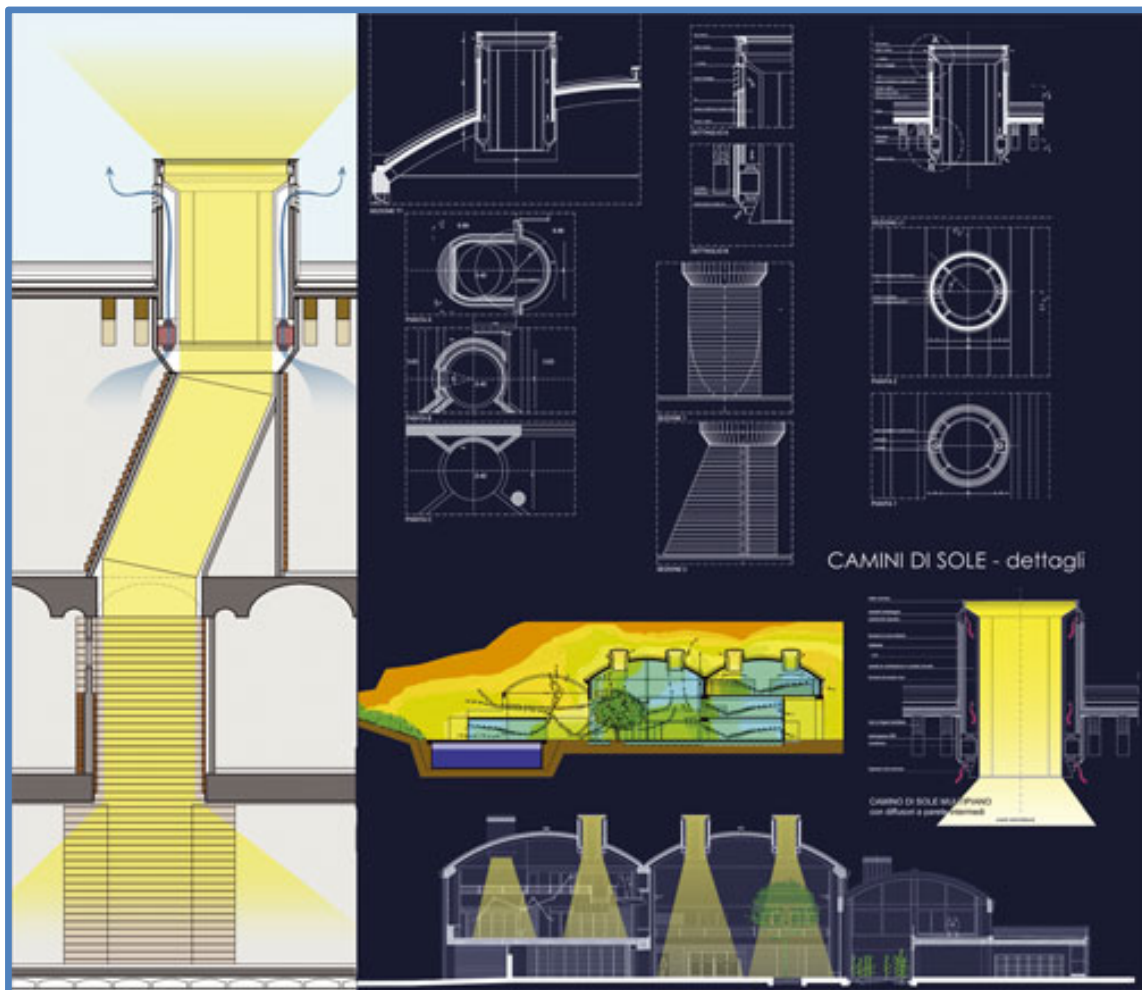
### 3.BIOCLIMATIC FEATURES

- OPTIMUM ORIENTATION
- COMBINATION OF PASSIVE ENERGY STRATEGIES



#### 4. URBAN AND/OR BUILDING FEATURES

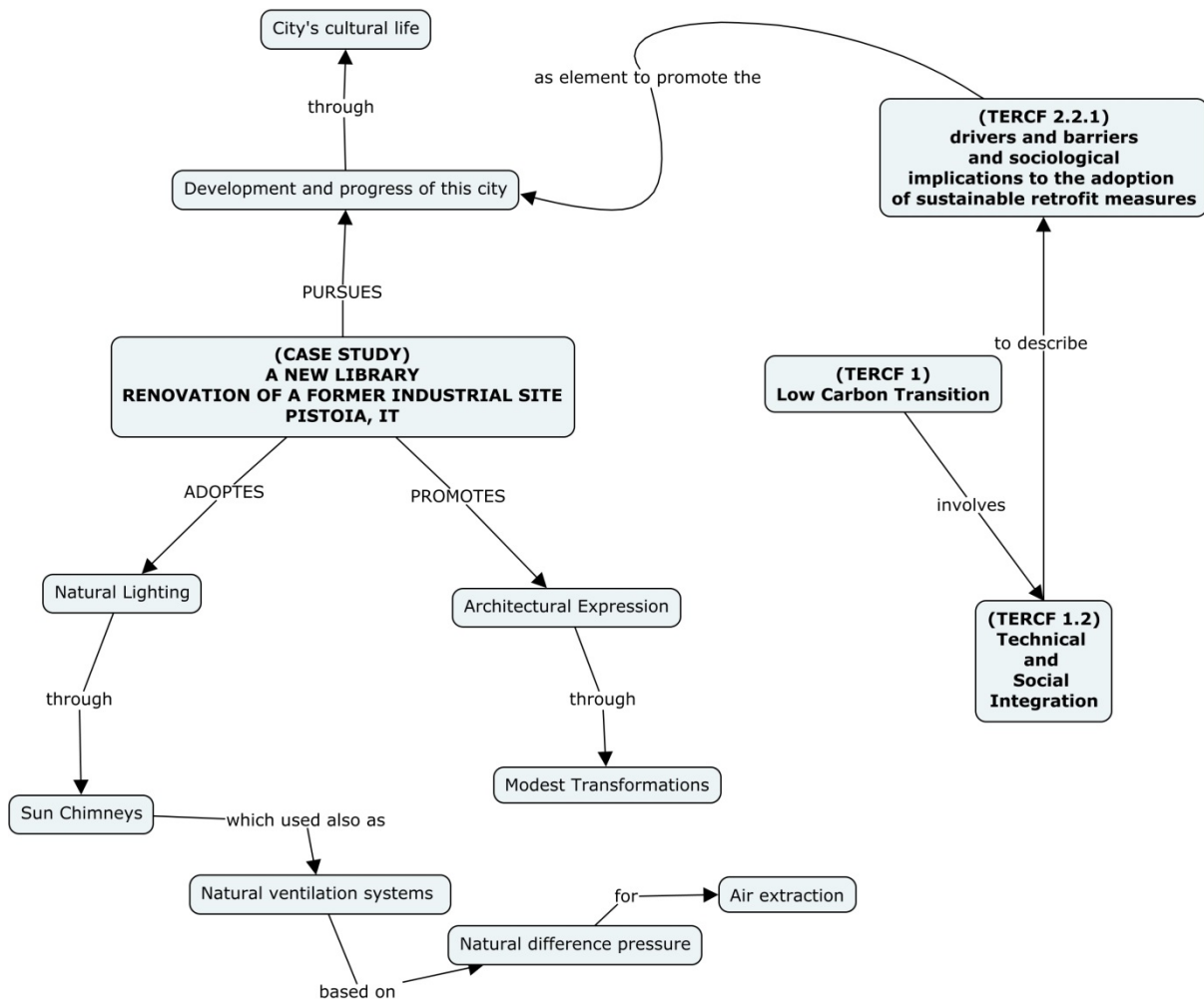
The intervention in the former Breda area - area east of Pistoia - new headquarters of the San Giorgio Library, is an intervention that lives by precise spatial limits. The project tends to capture the need for image of public works, that is, it does not interpret the existing to recover it, but to materialize the political vision, in the etymological sense of the term, which is underlying the decision to implement an intervention in that context significant of the city's cultural life. In this framework, the basic question of this intervention was how, in that context, to activate only modest transformations. The basic question was not just to satisfy the "library" function, but to weave in the new architectural expression the memory of the factory e the sense of a research tool inherent in a library. A library that is not "deposit", but a tool for multimedia interactions to link memory and the future. From an architectural point of view, the design themes tend to relate built / not built; dematerialize the built volume; determine a diversified internal spatiality ; solve the question of the thickness of the buildings introducing light capture and natural ventilation systems of interior spaces.

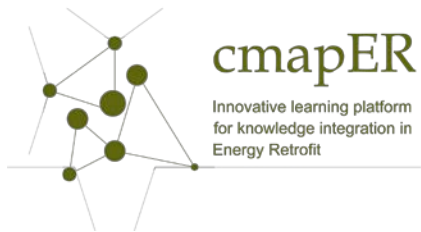




**5. FOCUS QUESTION AND MAP**

**How to integrate bioclimatic strategies?**





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### 6. REFERENCES

<http://www.sangiorgio.comune.pistoia.it/assets/files/download/Documentazione-progetto-nuova-biblioteca/progettoarchitettonico.pdf>



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