ABSTRACT

The infrastructures have had a great protagonism in the development of the urban environment and have become fundamental elements in the human and environmental environment. Unfortunately, the relationship between urban development and the respect to the environment, it has ever not been easy, both go univocally tied, and the impacts that they generate are not always positive. Thus, the infrastructural requirements can limit the own one woven urban, becoming a gradual restriction of the social relationships among the population.

In this dissertation analyzes the historical interaction between development and sustainability, and the consequences about the urban relations are analyzed. The arrival of the new technologies and fashions of transport they have impaired in a notorious way the zones destined to the relation among persons in the urban kernel, and at the same time, other human factors that allow the interaction and growth of the living beings have let apart. In this context, it makes more than 10 years the city of The Hospitalet struggle for transforming its urban trace into an element more of integration and for the social communal life.

In the course of this research, in first place the origin and the evolution of the sustainability concept is described, always from a general point of view. It is intended to set this concept and the most pioneering initiatives that have kept on appearing at European level during the last years in a context. Europe has pioneered a process of reflection and discusses that it does not have to remain sterile, as much that the new urbanistic and civil planning, they have to depart with the main premise of the sustainability and the respect with the environment, together with the respect, of the social functions that are part of the urban system.

The following element of analysis the plans and projects associated with the reflection are, which allows to give an idea about the aspects that more importance they have in the sustainable development. These elements are known once, a study of the current situation of Catalonia is carried out, from a legal and conceptual point of view. The directive plans of urban mobility, developed formally from the approval of the Law of Mobility of 2003, are, the practical expression of the legal and conceptual frame. These display the reflections and indications of the law, analyzing each territory in a specific and singular way. They have as main purpose to evaluate the situation and to propose current and future corrective measures in order to convert each town into something more sustainable and respectful with the environment and with the social development of the persons that live there. Applied act they are analyzed four directive plans of mobility written up for Catalan cities, finally, the dissertation concludes with the expression of that of the city of The Hospitalet of Llobregat.

In the last chapter is proposed a technical guide of application framed in this city, with the goal to regulate the techniques and the most frequent building materials in the urban environment, and from the vision of the sustainability. The final conclusions intend to group the appraisals extracted in the previous chapters, where the goals and results brought up in each town of study are compared.