



ISMEP ZeyREG – IIPM

Zeytinburnu Kentsel Dönüşüm Programı
Bütünleşik Etki Projesi Yönetimi

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Section 1 – INTRODUCTION

The disasters are inevitable events that constitute a threat for a considerable self-sufficient part of the society with undesired results and that occur at unexpected times. However, it will be possible to reduce the risks that may happen in the future in regions that are inclined for disaster with pre-disaster and post-disaster activities such as damage reduction, preparation, intervention, improvement and development. Earthquake preparation studies bear a great significance in earthquake planning. Earthquake preparation studies are an integrated approach that entails strategic planning in physical, economic and social environment. Societies subject to earthquake are required to deal with global, perspective-based, long-term social and physical impacts in disaster preparation studies and, above all, to target sustainable development principles. Disaster preparation and management of societies subject to disaster have gained importance in planning the cities of the future within the frame of sustainability criteria.

1999 Marmara earthquake experience has introduced the necessity to plan earthquake preparation studies in Turkey within an integrated system. Designation of a provisional settlement area, associate the reserved places with the urban plans, provision of equipment in neighborhood unit at provisional housing areas and inter-association of the design of prefabricated housing units that form the neighborhood unit and the performance of earthquake preparation studies within this process must be adopted as a new approach. The results of 1999 Marmara earthquake has entailed the formation of “planning, design and management” systematic of earthquake preparation studies in Turkey. While the sensitivity of Turkey and Marmara to earthquake preparation studies increases, another issue of cooperation is reinforcement and the determination of areas that will start “urban transformation acceleration” rapidly in areas where reinforcement is not sufficient, and the use of urban transformation as a tool in damage reduction studies.

In this scope, **ZeyREG** project is planned to select the areas that will accelerate urban transformation in district scale and to form an “integrated impact project management” systematic that may be applicable during urban transformation, within the scope of disaster preparation policies. **ZeyREG – Zeytinburnu Integrated Urban Transformation Project** covers a certain area in Zeytinburnu district which is selected as pilot region in Istanbul Earthquake Master Plan. The consideration of project within the scope of disaster preparation studies requires the selection of an impact area. The impact project area of **ZeyREG** project is selected as “**IETT Apartment Blocks**” where one of the apartment blocks is evacuated due to earthquake danger and where the inhabitants want to move to a great extent.

The first section of the report includes descriptive information related to Zeytinburnu district and project area; the second section includes information related to **ZeyREG – IIPM** impact project within the frame of sustainable urban transformation concept and the purposes and goals of the transformation project planned to be realized in IETT Apartment Blocks; the third section includes urban transformation plan decisions considered to be realized in IETT Apartment Blocks; the fourth section includes social structure tendencies and participation approaches in IETT Apartment Blocks transformation plan; the fifth section includes legal strategy and action plan of IETT Apartment Blocks transformation plan; and the sixth and last section includes information related to feasibility studies.