



## **H2 Reality Check: Adaptation on the ground in Istanbul Metropolitan Municipality**

### **Reality Check Workshop**

**Date:** Saturday, 28 April 2018

**Time:** 11.00-12.30

**Rooms:** S29-31

**Language:** English

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#### **OBJECTIVE**

Many scientific studies have proven that our cities have become increasingly vulnerable because of chronic stresses like overpopulation and acute shocks. This affects not only Istanbul but other World cities as well, which must solve these problems and threats as soon as possible in order to take our cities well prepared into the future. The transformation of our neighbourhood into a *Resilient* neighborhood should be evaluated through a holistic approach, addressing social, physical, economic and environmental concerns such as disaster risk management, improving living and health safety standards, expanding and improving infrastructure, creating more open space, air pollution abatement and energy efficiency etc. There are several ways by which urban development can be increase resilience. Urban Transformation is one the most important tools for it. The İstanbul Urban Transformation Master Plan (İKDMP) is being developed to provide a holistic approach to the transformation ensuring that İstanbul in the future is successful, accessible and safe.

The work is being conducted in three stages:

**Phase 1: Preparation of Analysis + Synthesis:** Economics, demographics, culture and society, urban form and planning context, legislation and governance, natural environment, urban resilience, transport infrastructure, utility infrastructure are research themes.

**Phase 2: Determining Economic Potentials and Development Strategies:** Assessment of economic sectors and current projections, development of Economic / Population Scenarios and visions, scenario testing and land use analysis, economic, demographic and land use budget forecasts and parameters are research themes.

**Phase 3: Preparation of Transformation Schemes That Shall Form the Basis for the Plans to be Prepared with Urban Transformation Perspective for the Whole City of İstanbul:** Development of options for city-wide transformation - drawing upon the analysis and synthesis, identification of priority areas for intervention and conceptual master planning, refining the City Wide Transformation Plan at 1:25,000 scale, refining urban transformation plans and guidelines for individual priority areas

The case study presented in this Reality Check Workshop was about the application of the Transformation plan in Bayrampaşa district, an area about 25 Hectares in central İstanbul. This transformation project started in 2016 will run until 2019. The main problems in this area were unsafe buildings and a lack of green spaces and social facilities. In an approach called "Build & Transfer & Evacuate", safe buildings will be erected on state-owned land and bartered against unsafe buildings in the vicinity. Thus, after the transformation process has been concluded, there will be 2500 safe residential units available. Built & Transfer & Evacuate is a model that can be used on empty, state-owned urban development areas. Any essential public areas such as green areas, regional parks, public health facilities, educational facilities etc. can be planned in these urban spaces within the master plans for these areas.



## OUTCOMES

This Session informed and discussed with participants Istanbul's approaches to realizing urban resilience. In particular:

- How Istanbul has approached analysing and understanding its risks – especially around the significant earthquake hazards – and what it has done to address these.
- Istanbul's implementation of the Urban Transformation Model with Bayrampaşa district serving as a case study.
- Discuss the process, achievements and challenges of this process with the Local Government Representatives.

## METHODOLOGY

- Welcome and introduction. **(10 Minutes)**
- Istanbul and earthquake: introducing the Istanbul Earthquake Master Plan and Disaster Risk Management. **(10 minutes)**
- Earthquake based urban transformation studies with case studies from Fatih, Küçükçekmece and Zeytinburnu. **(10 minutes)**
- Istanbul Urban Transformation Master Plan Study (IKDMP): Problem areas (multi-criteria analysis), opportunity areas for urban transformation (1/5000 scaled) and priority areas for urban transformation (1/1000). **(15 minutes)**
- Implementation studies by using the Built&Transfer&Evacuate model on state-owned areas.
- Case study: Bayrampasa Urban Transformation Project. **(15 minutes)**
- Breakout discussion groups and Q&A. **(30 minutes)**

## SPEAKERS from Istanbul Metropolitan Municipality, Turkey

Speaker	<i>Süleyman KARALI, Deputy Secretary-General, Istanbul Metropolitan Municipality</i>
Speaker	<i>Betül ERGÜN KONUKCU, Team Leader of Resilience &amp; Sustainability, Urban Transformation Directory</i>
Speaker	<i>Gökhan YILMAZ, Head of Earthquake Risk Management and Urban Improvement</i>
Speaker	<i>Didem CALISKAN, Coordinator, Urban Transformation Directory</i>
Speaker	<i>Seniye Selcen ONUR, Director, Urban Transformation</i>
Speaker	<i>Semih ADİL, Coordinator, Urban Transformation Directory</i>
Speaker	<i>Ayşe GÖKBAYRAK, Vice Director, Urban Transformation</i>
Speaker	<i>Mehmet Akif LEVENT, Administrative Assistant, Deputy Secretary-General Office</i>