

International Brokerage Event
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***Istanbul Technical University
Urban&Environmental Planning and Research
Centre***

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Urban&Environmental Planning and Research Centre



- The environment and Urban Planning Research Center is designed to carry out research and consulting related to environmental and urban planning issues and architecture. The center is organized into six units; (1) urban planning; (2) history of architecture and restoration;(3) architectural design, (4)environmental engineering, (5) environmental control, (6) landscape architecture, (7) Real Estate Research.
- Activities include urban planning, environmental pollution, research in ancient sites, survey of conservation areas, restoration of buildings, generation of information on works of art and architectural design. The Center coordinates and contributes to research activities; provides communication and work in collaboration with other institutions in national and international levels.

Urban&Environmental Planning and Research Centre



- Within the bounds of possibility of ITU Environmental Planning and Research Center,
- to develop researches about the subject of city, urban planning and architecture, arranging workshops and educational activity,
- to provide public intensive-additional vocational training courses with using the qualified high technology,
- Create platform by providing information flow between Academic/Scientific application and development platform,
- According to survey of the European Commission European Research Infrastructure 2010, Urban and Environmental Planning and Research Centre selected from 40 centers who participated in the survey from Turkey one of the Top 10 centers.

Projects Completed:



- Earthquake Master Plan for İstanbul (İstanbul Metropolitan Municipality-Urbanization Group) 2002
- Use of Space Syntax Model for Urban Transformation: Pilot Redevelopment and Reacquiring to City by Installing New Function Project at Galata Tower Surrounding and Hendek Street
- Pilot Rehabilitation Project of Beyoğlu Basin Area Assets Held For Use Within Context of EU Cohesion Programme
- Creating Model on Improvement and Conversion to Livable Spaces of Existing Slum Areas of İstanbul for the Preparation Process to Earthquakes
- Possible Post-Disaster Provisional Settlement Area Sample Type Accommodation Units Project for General İstanbul
- İstanbul Historic Peninsula Conservation Study Suleymaniye-Zeyrek-Yenikapı ” (UNESCO WHC-aided projects)

Projects Completed:



- Sustainable Development in a Diverse World (EU Project)
- Sustainable Urban Regeneration in the Republic of Turkey (MATRA Project), 2008
- “Prizren/Kosova Historic Area Conservation and Development Study” (İsveç NGO, Cultural Heritage without Borders-aided),2010
- “Esbah, H. (2013-) Preparation of Yeşilirmak Basin Landscape Project. Ministry of Forestry and Water Affairs.
- Esbah, H., Erbaş, E. Ve T. Onuk (2013) To Prove Environmental Investigation and Change of Landscape Character of Tuzla Kamil Abdus Lake and Chios Island (Istanbul Metropolitan Municipality).
- Esbah, H., Türkoğlu, H., Terzi, F. Kaya, S. ve M. Erdem (2013) The ecological, spatial and socio-cultural development of Kumaşır Lake. Kahramanmaraş Municipality

Research Interest



- Smart, Sustainable and Resilient Cities and Energy Efficient Buildings
- Spatial Analysis of Urban Systems,
- Energy Efficiency Real Estate Development
- Upgrading smartness of existing buildings through innovations for legacy equipment
- Energy Efficiency & Real Estate Valuation
- Smart Cities and Communities
- Resilience and sustainable reconstruction of historic areas to cope with climate change and hazard events
- Demonstrating systemic urban development for circular and regenerative cities
- Transforming historic urban areas and/or cultural landscapes into hubs of entrepreneurship and social and cultural integration

Energy Efficient Real Estate Development in Emerging Housing Markets.



- Objectives:
 - To improve market understanding for energy efficiency real estate developments in the emerging housing markets
 - to strengthen the dialog between the housing industry, consultants and financial market actors concerning planning, running, financing and regulating energy efficiency in developing country perspective.
- Expected results
 - to an increased competition between countries, pave the way towards a harmonization process of the markets, and remove investment barriers in emerging housing markets. In the long run, this will lead to a stronger integration of European capital markets for investments in sustainable energy in the building sector.

- Objectives:
 - the EU has set up research-driven networks of cities faced with the challenge of governing migration and diversity. These cross-border networks foster best practices in the field of local integration, promoting a collective learning process
 - To improve market understanding for real estate price changes in the housing markets
 - Research should also review policies which aim to facilitate the housing market price changes. Comparative explorations (involving multiple Member States and, where relevant, third countries) should cover a wide range of interventions.
- Expected results
 - Reveal the potential impact of different local real estate markets to migration. Map out the price differentiations and spatial outline of different cities in order to identify best practices and benchmarks ought to allow for measuring the effectiveness of housing market policies targeting the specified migrant cohorts across Europe.

Consortium - profile of known partners *(if any)*



No	Partner Name	Type	Country	Role in the Project
01	Vienna Economics Uni	RTD	Vienna	Partner
02	Univ. of Alicante	RTD	Spain	Partner
03	Delft Uni Technology	RTD	Holland	Partner
04	Aalto Univetsity	RTD	Finland	Partner
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07				
08				

Consortium - required partners



No	Expertise	Type	Country	Role in the project
01	Green Development	RTD	Dutch	Partner
02	Green Technologies	SME	German	Partner
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