

Application of Risk Assessment Data to Inform Decision-Making



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Necessity of Change!!!



At-risk areas declared as of 2018



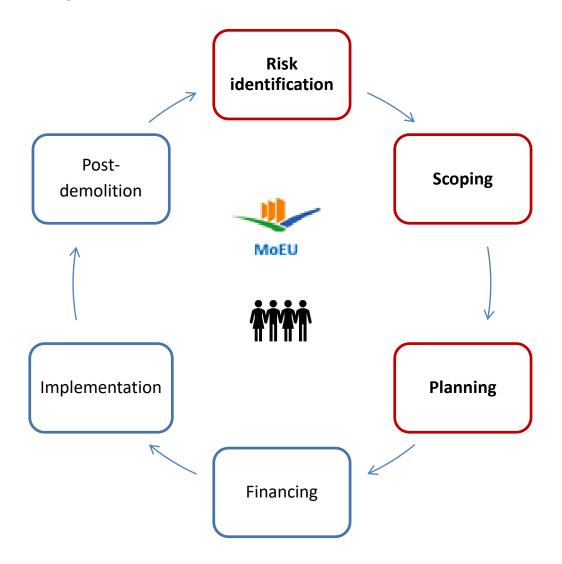
- 35 000 buildings
- 1.800.000 dwellers

- 52 different cities
- 207 areas declared as at-risk

BUT

Total stock at disaster risk and subject to urban regeneration is around 15 million building.

Urban Regeneration: Complex phenomenon uniform need



Discourse in Turkey: A Transformative Process

culture of reactive response proactive risk reduction

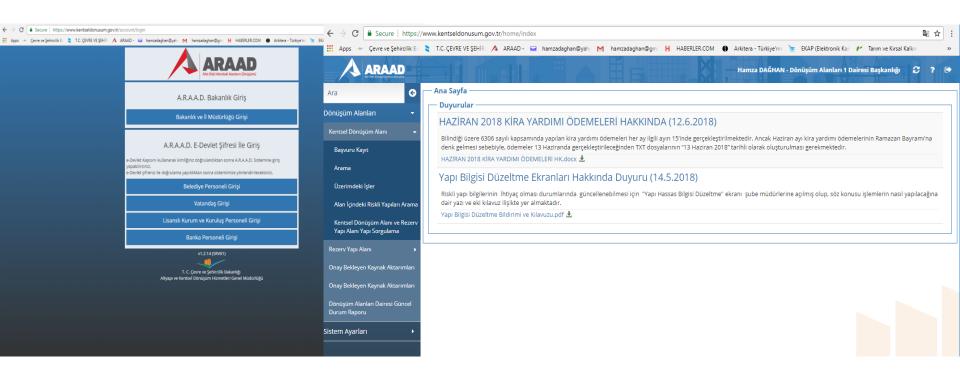




Urban regeneration: Initiated upon the request of citizens and inclusive processes applied across the way



Transformation of Disaster Prone Areas: Automated platform – Real time information sharing



ARAAD: GIS interface of risky areas and buildings

Project Data:

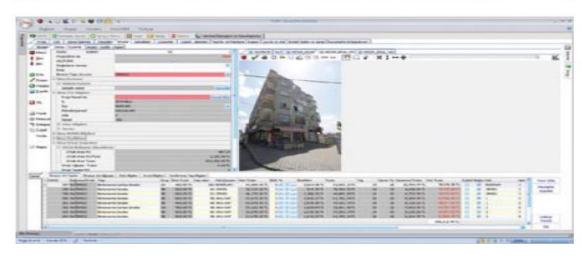
- Name
- Budget
- Stakeholders
- Legislation
- Monitoring Committee

Parcel/lot data:

- Area
- Property
- Address

Building Data





Identification of Rightful Ownership





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Hisseye Düşen Alan	80			
Isgal Alanı	0			
Yapı Taban Alanı	59.86			
Yapı Alanı (Erikaz)	239,44			Ya -
Loplam Kat Adedi	4			
Bulunduğu Ka:	Tamami			
Hane Sayısı	4			135/4
Konut Sayası	4			/1435/3
Varisler	6			
Hesaplamalar		525		
Topiam Parsel Alanı		290		
Toplam İmar İnşast Alanı		875.8		1435
Hisseye Düşen İmar İnşaət Alanı		241.6		1430
Teklif Inar Hakki (%35)		84,56		
Teklif Gecekondu Alanı %10		23.944		41
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Mediation sessions in outreach offices of ARAAD



Negotiation and Protocols

ARAAD: Challenges & Opportunities

- (+) Fine-balance between top-down & bottom-up
- (+) Key milestone in risk identification in Turkey
- (+) Provides decision-makers with evidence-based data
- (+) Includes and empowers property owners
- (-) Currently serves mostly on non-graphic data
- (-) Some risky areas subject to legal disputes/decisions challenged by State Councils

Next steps

- * Location-specific risk assessment methodologies
- * More efficient dispute resolution mechanisms
- * Post-demolition support-systems for citizens



The Ministry of Environment & Urbanization(TR)

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