



URBAN SPRAWL IN ISTANBUL

Sena Bozkurt and Sila Sultan Gökmen



OUTLINE OF THE PRESENTATION

- Background information about Istanbul, Urban sprawl
- Causes & Effects of urban sprawl
- Existing Solutions
- Suggested Solutions
- Conclusion
- Q & A

Picture source: Pexels by Rasul Yarichov



Istanbul and Urban Sprawl

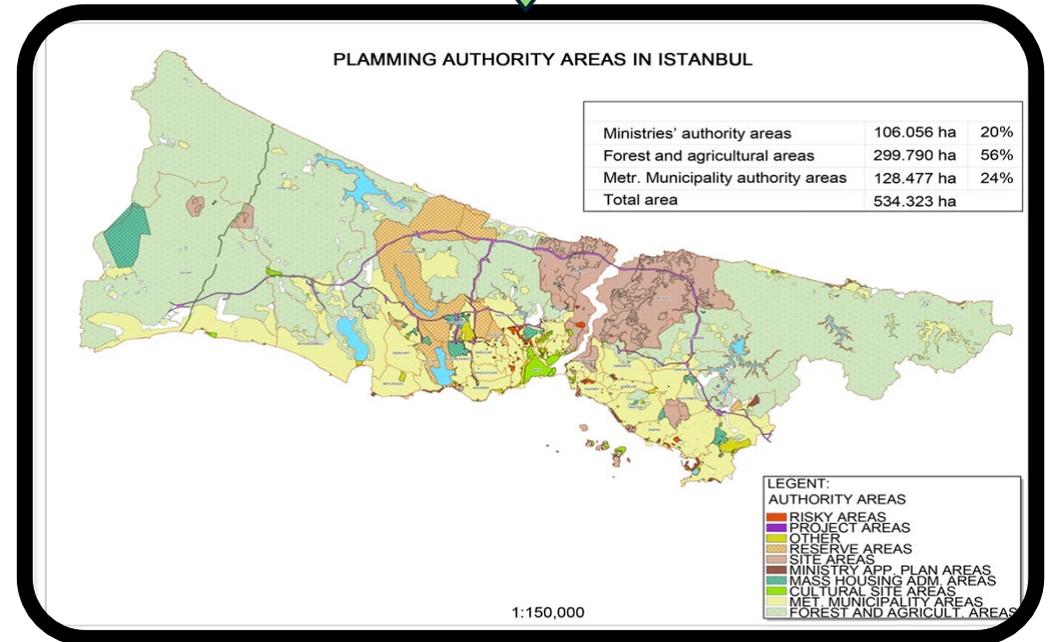
- Started after the Second World War
- Istanbul's strategic location
- Industrialization and diversity of business areas
- Increase in human population
- To become uncontrollable

CAUSES



Migration

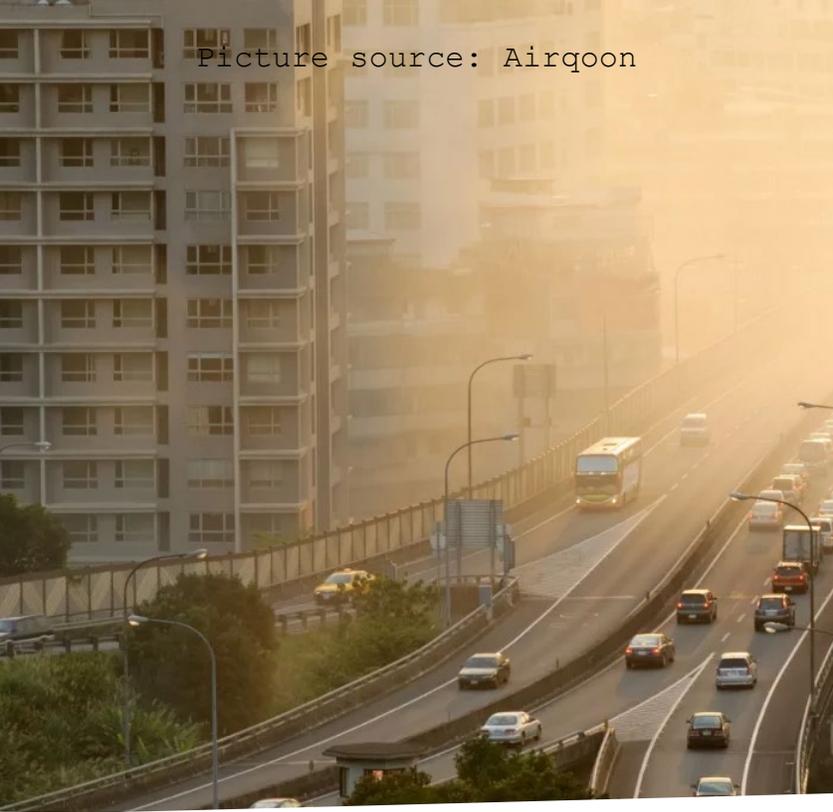
Picture source: Canva



Inadequate urban planning

Picture source: Scientific Research Publishing

Picture source: Airqoon



Picture source: National Farm Coalition



Picture source: South China Morning p



EXISTING SOLUTIONS



Urban Transformation

Picture source: T24



UrbanGreenUp Izmir

Picture source: Arcgis Experience Builder



1) Urban Transformation

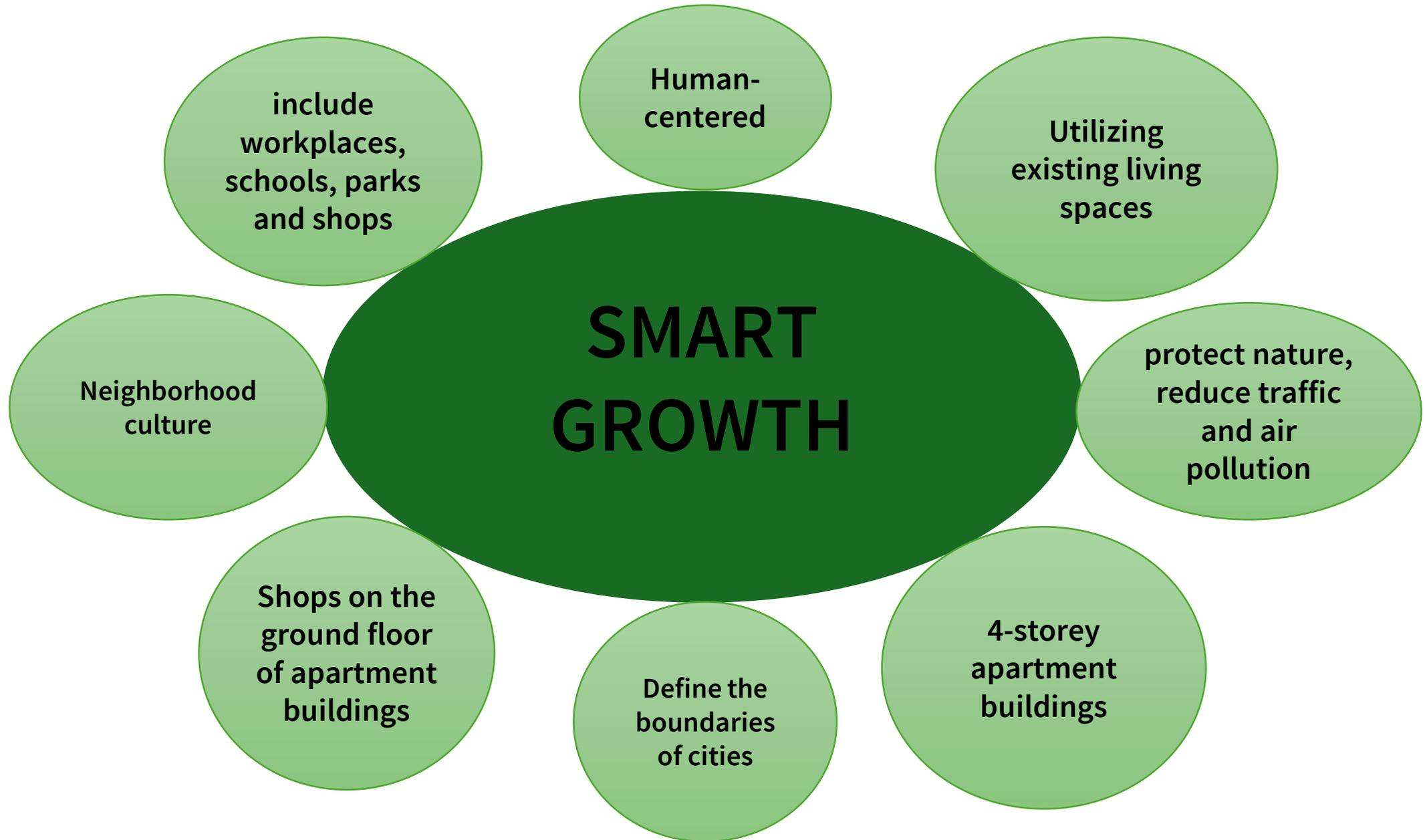
- The 6306 Disaster Risk Areas Transformation Law aims to demolish physically deteriorated structures in disaster-prone areas and revitalize them in a safe and urban-friendly way.
- Plans for 11 high-risk earthquake zones in Gaziosmanpaşa aim to create urban peace and safety. TOKİ and the municipality focused more on the process than the outcome.
- According to Ergen and Peker (2022), "In general terms, urban transformation in our country has remained in the dimension of urban renewal, which is one of the implementation pillars of urban transformation" (p.13).



2) UrbanGreenUp Izmir

- The aim of this project was to reduce the impact of climate change, prevent the uncontrolled expansion of urban planning, increase urban sustainability and green spaces
- The Urban GreenUp Project was intensively implemented in Karşıyaka district of Izmir because according to AIPH (2022), this region has suffered damage to physical structures and loss of life due to flooding and inundation in the past years

SUGGESTED SOLUTIONS





Moda, Kadıköy

Picture source: Flickr



Vadi Istanbul

Picture source: Best House Turkey



MARKET

PRODUCE

STATTONERY

D&F-GA

SCHOOL

CONCLUSION

2 CAUSES OF THE URBAN SPRAWL

- Migration
- Inadequate urban planning

3 EFFECTS OF THE URBAN SPRAWL

- Increased air pollution
- Loss of agricultural areas
- Increased in earthquake risks

EXISTING SOLUTIONS

- Urban Transformation
- UrbanGreenUp Izmir

OUR SOLUTIONS

- Smart Growth



Urban sprawl is not just about space, it's about the future we choose to build. Let's grow smarter, not wider.

REFERENCES

- AIPH. (2022). World Green City Awards 2022 shortlist. AIPH – International Association of Horticultural Producers. <https://aiph.org/green-city/green-city-awards/wgca-2022-shortlist/>
- Ergen, M., & Peker, Ü. (2022). Türkiye'deki kentsel dönüşüm süreç analizi: İstanbul-Gaziosmanpaşa örneği [An analysis of urban transformation processes in Turkey: The case of İstanbul-Gaziosmanpaşa]. Journal of Agricultural Biotechnology, 3(2), 101-116. <https://dergipark.org.tr/en/download/article-file/2761345>



THANK YOU FOR
LISTENING US



ANY QUESTIONS?