

TDAG Seminar:

International update - common challenges, common barriers

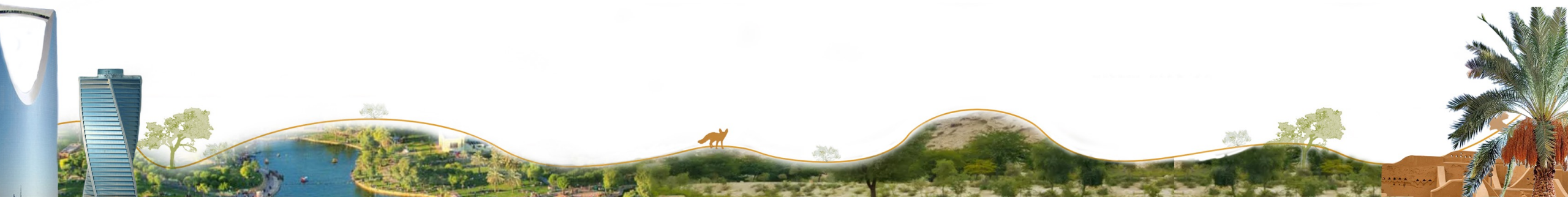
"Landscape at the edge"

15.02.2024

Greening Projects in Riyadh

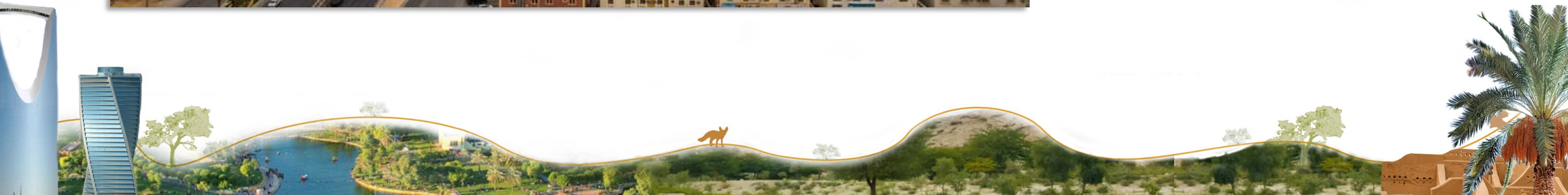
Dorella Pinter Burus

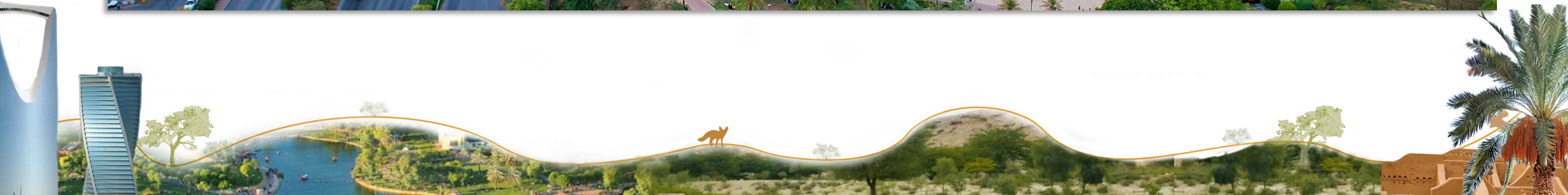
Landscape consultant





The city  
in the desert....





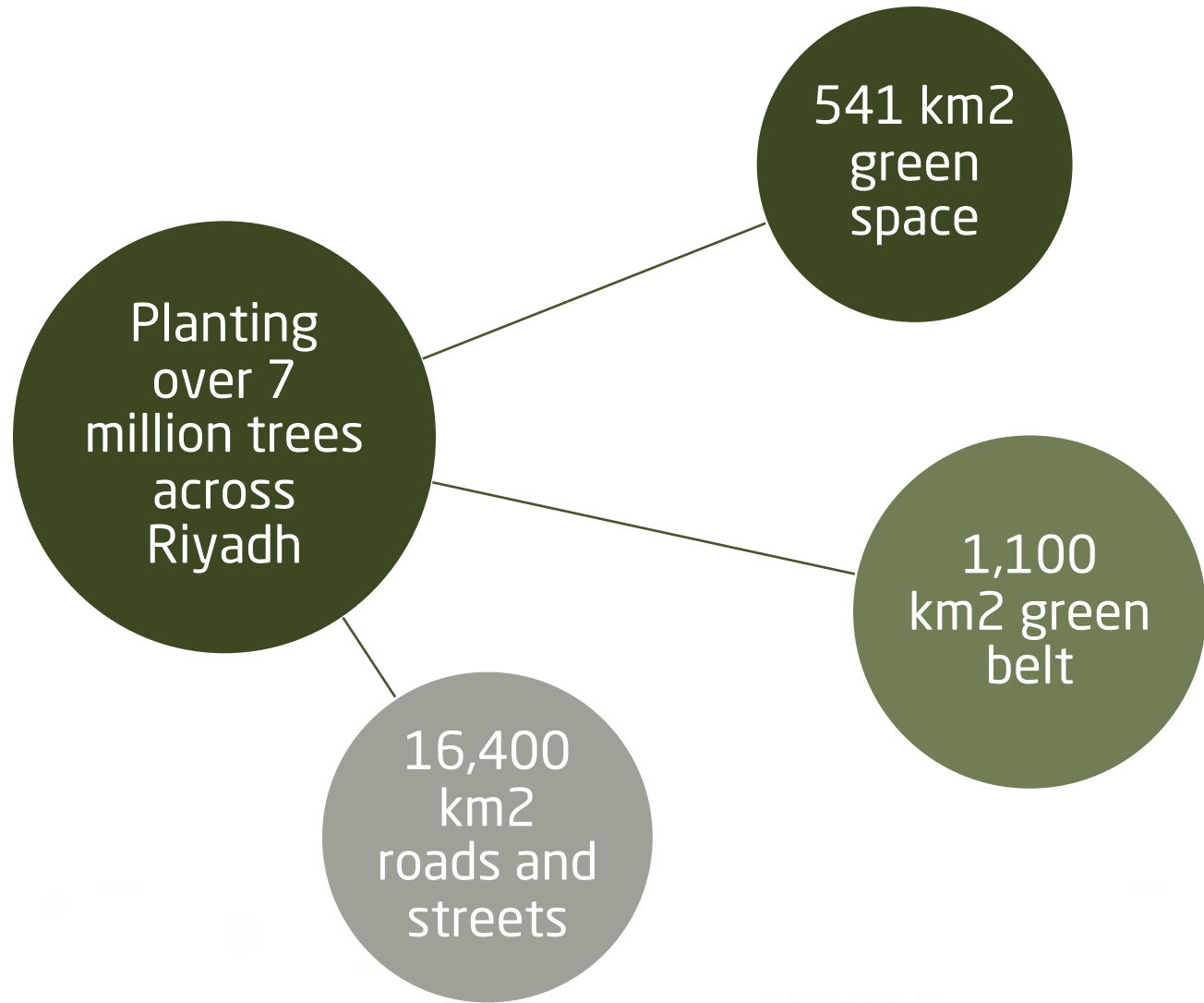


# How it started....

## 2018 Green Riyadh project

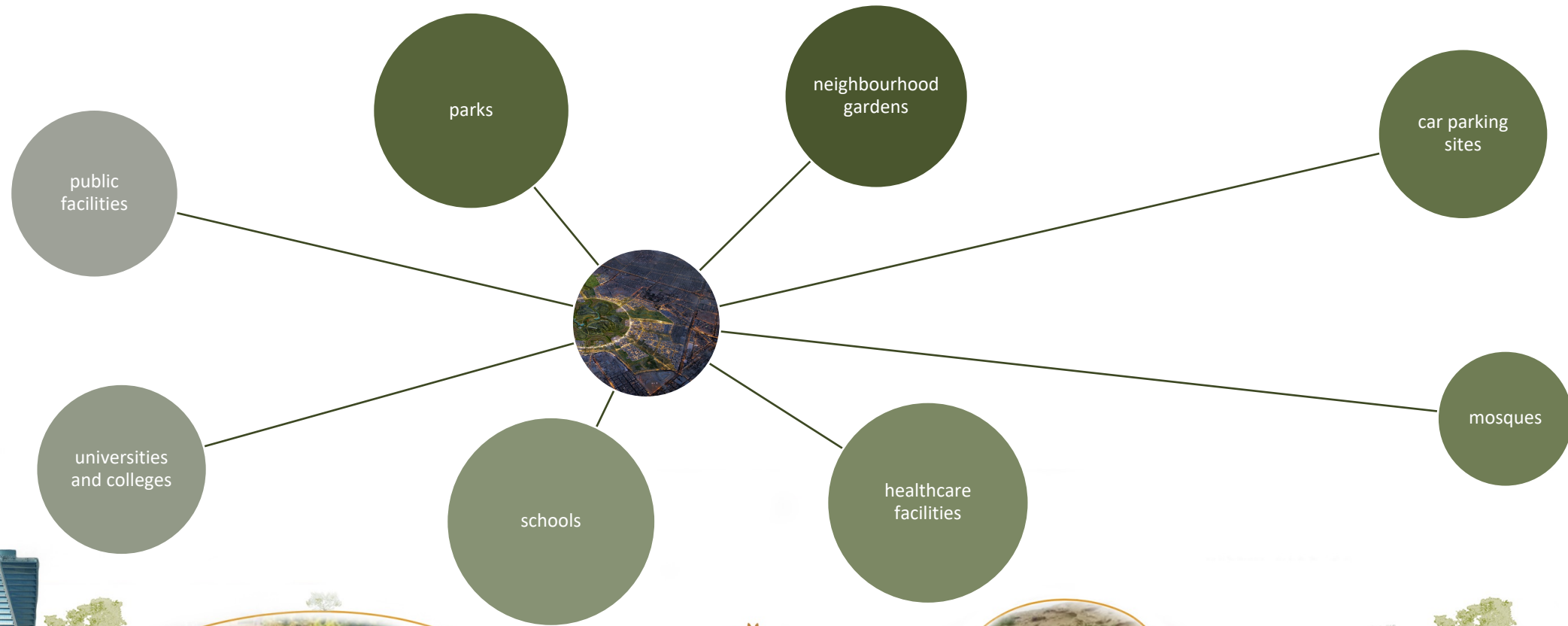


# Greening in numbers

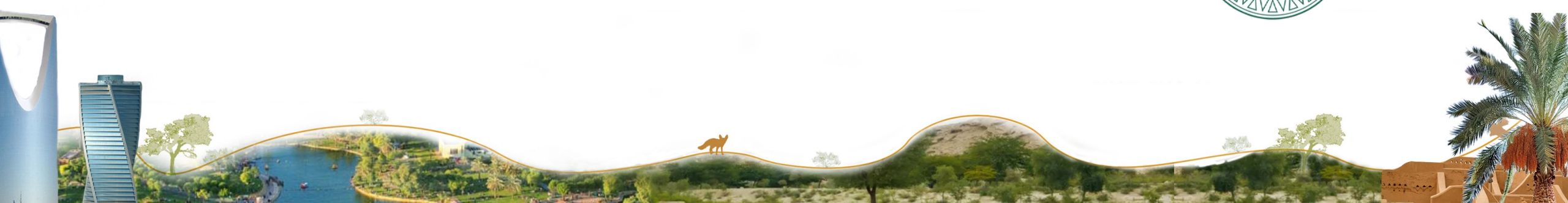


# Where greening is happening

## 22,600+ public building and open spaces greening



# Major projects from around Riyadh



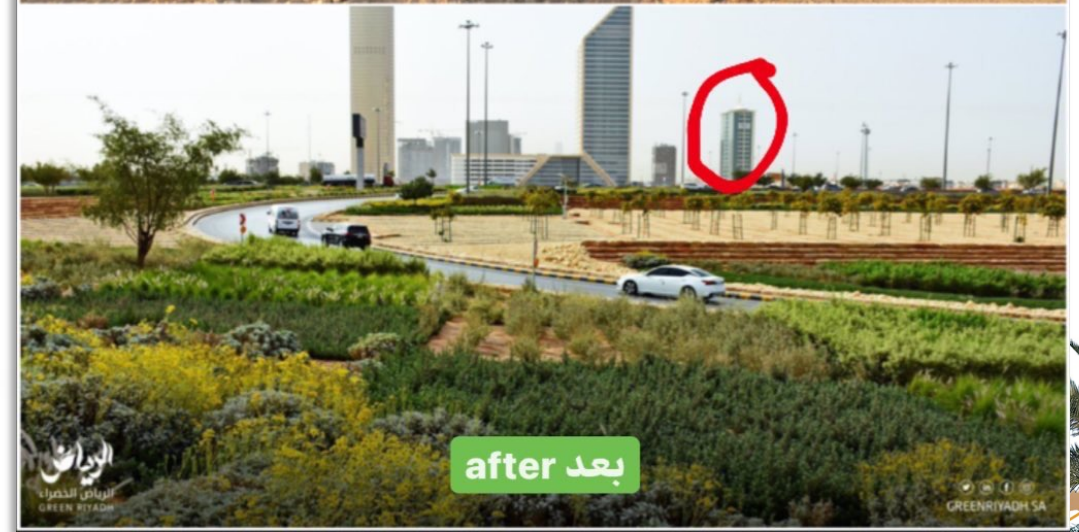


# Royal Commission for Riyadh City

الرياض  
الرياض الخضراء  
GREEN RIYADH

قطار الرياض  
riyadh metro

حافلات الرياض  
riyadh bus



# Sports boulevard



## Key information about the project:

- 4.4 million m<sup>2</sup> green open space
- 170.000+ trees
- Pedestrian walkways, bicycle lanes, horse riding tracks, canoe and kayak



المسار الرياضي  
Sports Boulevard



# King Salman Park



Key information about the project:

- 16km<sup>2</sup> +
- 11.6 km<sup>2</sup> open green space
- 1 million trees
- 7.2 km+ pedestrian walkway

حديقة الملك سلمان  
King Salman Park



# Mohammed Bin Salman City (MISK)



Key information about the project:

- Residential, commercial and education units
- Sustainability
- Promoting healthy living



مدينة محمد بن سلمان  
Mohammed Bin Salman City  
Nonprofit غير الربحية



# Historic Diriyah



## Key information about the project:

- Restoring and recreating the architecture
- Oasis-style planting
- Residential and commercial buildings



# Wadi Projects



Key information about the project:

- Promoting the use of native plants
- Ecosystem restoration
- Wastewater management

الرياض  
الرياض الخضراء  
GREEN RIYADH



# Significance of the initiatives



# Challenges

## Sociological aspects

- Green Culture
- Environmental education
- Sustainability

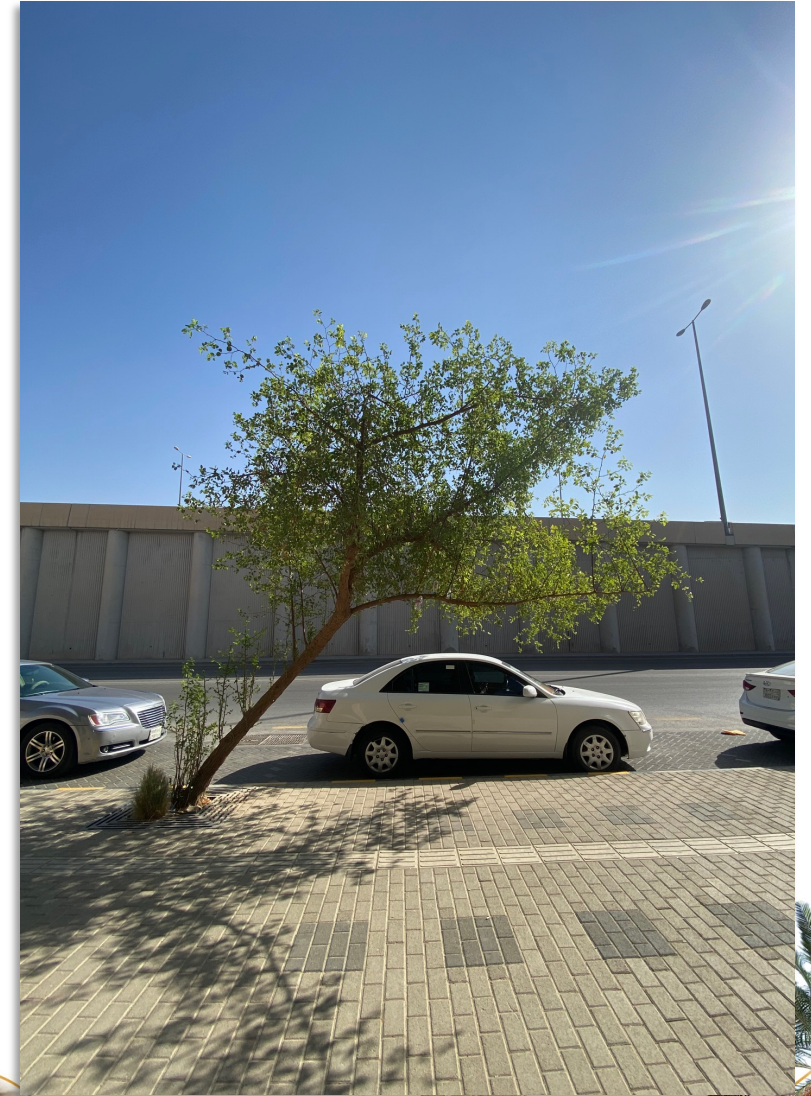
## Arboricultural and design practices

- Nursery stock
- Design solutions
- Maintenance practices
- Tree Risk Management
- Urban forestry





# Challenges - Arboricultural and design practices



# Opportunities

- Pest&disease management
- Tree risk management
- Urban forest master plan
- Nursery quality
- Better design decisions
- Arboricultural and Urban forestry research in extremely arid environments
- ∞



# References

- Plant Manual: <https://www.riyadhenv.gov.sa/wp-content/uploads/2016/12/Riyadh-Plants-Manual-English.pdf>
- Green Riyadh: <https://ce.riyadhgreen.sa>
- King Salman Park: <https://kingsalmanpark.sa/en>
- Sports Boulevard: <https://sportsboulevard.sa/ar/>
- MISK City: <https://miskcity.sa>
- Historic Diriyah: <https://dgda.gov.sa/home.aspx>



# Q&A

Thank you

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