

Transportation Systems in the UAE

Track: Infrastructure, Technology, and Economy

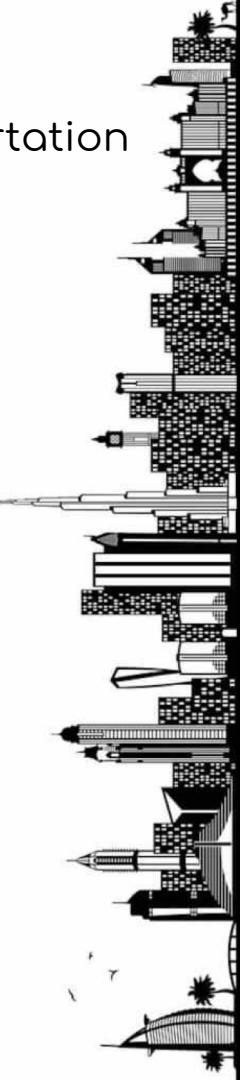
Team Member: Sherilyn, Paeng, Abdualrhman & Tya



THE PAST



Transportation History of Dubai



1760**Start**

Baniyas Tribe found fresh water in Abu Dhabi and then settled down on this land.

**1958****Oil**

Oil was first discovered in the United Arab Emirates in 1958, at the Murban Bab Oil Field, following an extensive 30-year search.

**1960****First Road**

Al Seef Road in Bur Dubai was constructed under the supervision of the Dubai Municipality.

**1971****UAE**

United Arab Emirates (UAE) founded, HH Sheikh Zayed bin Sultan Al Nahyan became leader.

1985**Airline**

Emirates airline was conceived in March 1985 with backing from Dubai's royal family. It is the world's fourth largest airline.

**1985****Port & Free Zone**

The first Free Trade Zone was established - Jebel Ali, located 30 km from the city of Dubai.

**1973****Highway**

The first 2-lane no-lighting highway between Abu Dhabi and Dubai was completed.

**2009****Metro**

The first metro, Red Line, was finished in 2009. Now, the Red Line and Green Line are operational, with one more line being constructed.

**2010****Highway**

The 327 km long highway connecting Mafraq with Ghweifat Border Post eases access to the Saudi Arabia Border.



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1988
Dubai



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1760

Start

1958

Oil

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First Road

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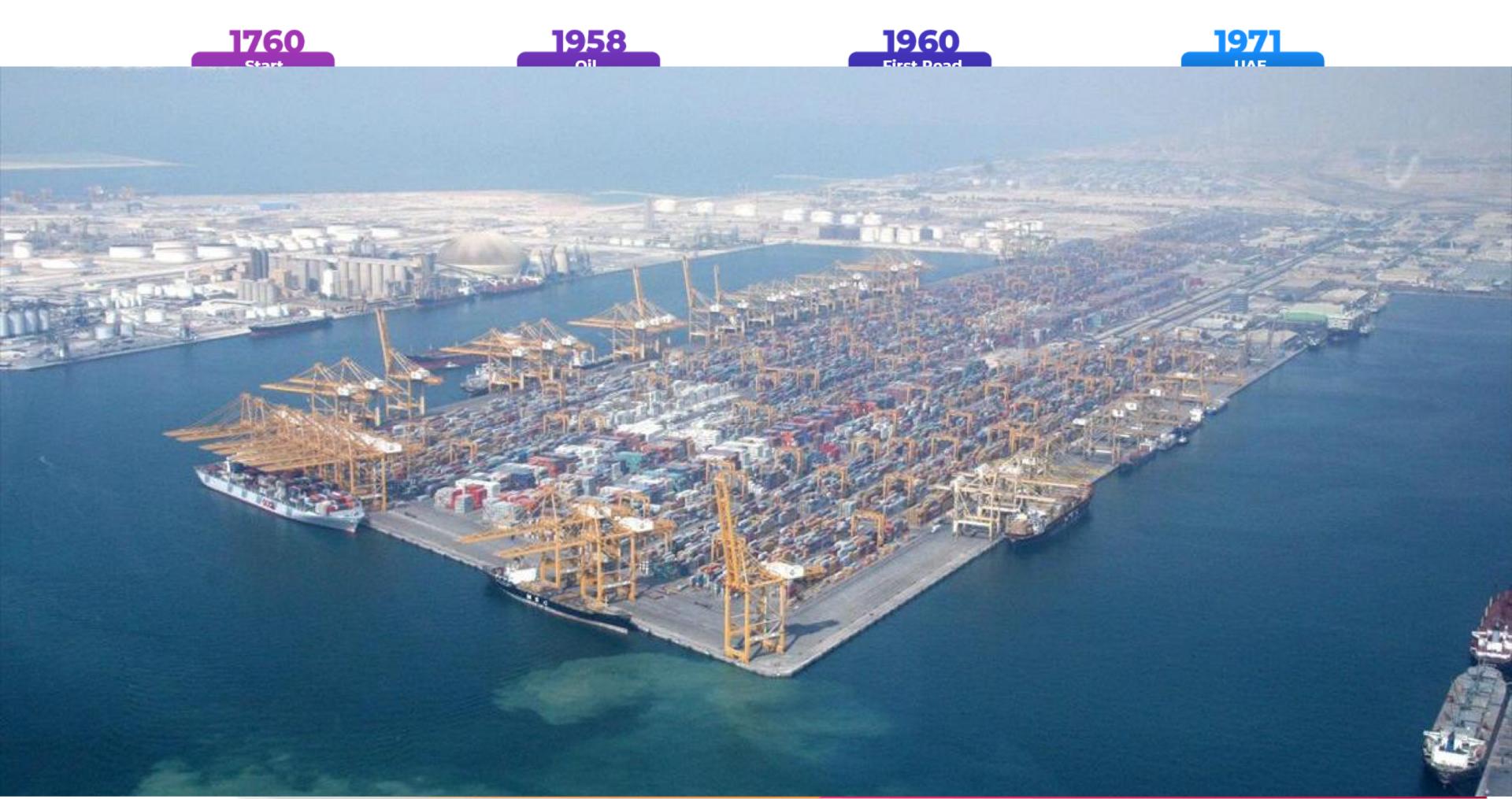
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1760

Start

Baniyas Tribe found fresh water. Dhabi settled on the island.

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AI

Emirates conceived in 1985 with the idea that Dubai's road network would be the world's largest.

1958

Oil

Oil was first discovered in the United Arab Emirates.

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1960

First Road

Al Seef Road in Bur Dubai was built.

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1971

UAE

United Arab Emirates (UAE) was founded by HH Sheikh Zayed bin Sultan Al Nahyan, the leader.

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1760

Start

1958

Oil

1960

First Road

1971

UAE



THE PRESENT



*Public
Transportations
in between cities*



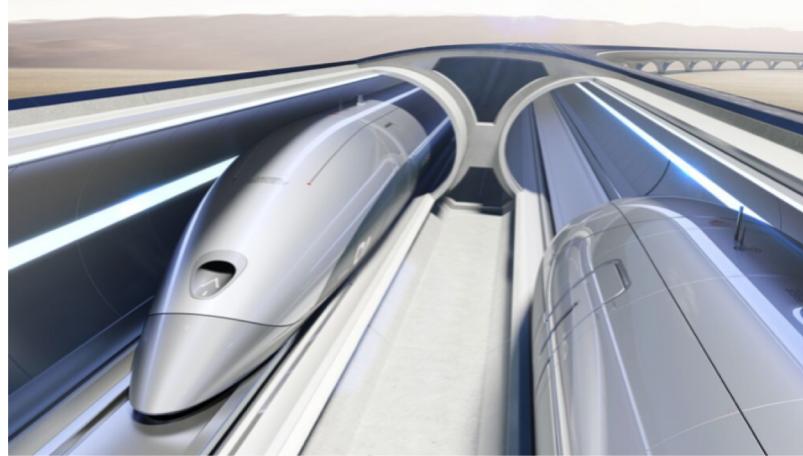
Ongoing Project: Etihad Railway



THE FUTURE



The Virgin One Hyperloop for GCC



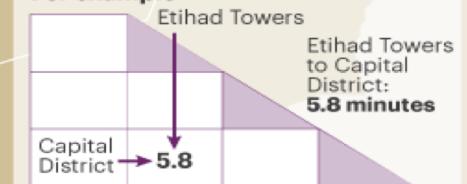
Hyperloop: travel times between major GCC cities



Travel times within the UAE

Etihad Towers		Etihad Towers		Saadiyat Cultural Centre		Capital District		Abu Dhabi Airport		Dubai World Central		Dubai Marina		Burj Khalifa		Dubai Airport	
Etihad Towers	2.1	Saadiyat Cultural Centre	4.6	Saadiyat Cultural Centre	2.2	Capital District	6.1	Abu Dhabi Airport	7.3	Dubai World Central	2.6	Dubai Marina	3.8	Burj Khalifa	2.5	Dubai Airport	1.7
Saadiyat Cultural Centre	5.8	Capital District	3.4	Capital District	7.3	Abu Dhabi Airport	7.4	Dubai World Central	10.5	Dubai Marina	4.5	Burj Khalifa	3.2	Dubai Airport	10.5	Kuwait	9.3
Capital District	4.6	Abu Dhabi Airport	2.2	Abu Dhabi Airport	6.1	Dubai World Central	2.6	Dubai Marina	9.8	Burj Khalifa	3.8	Burj Khalifa	2.5	Dubai Airport	11.7	Kuwait	10.5
Abu Dhabi Airport	8.5	Dubai World Central	7.3	Dubai World Central	7.3	Dubai Marina	7.4	Burj Khalifa	9.8	Dubai Airport	4.5	Kuwait	3.8	Burj Khalifa	2.5	Dubai Airport	11.7
Dubai World Central	9.8	Dubai Marina	8.6	Dubai Marina	8.6	Burj Khalifa	8.6	Dubai Airport	11.7	Kuwait	4.5	Kuwait	3.8	Burj Khalifa	2.5	Dubai Airport	11.7
Dubai Marina	11	Burj Khalifa	9.8	Burj Khalifa	9.8	Dubai Airport	8.6	Kuwait	10.5	Kuwait	4.5	Kuwait	3.8	Burj Khalifa	2.5	Dubai Airport	11.7
Burj Khalifa	11.7	Dubai Airport	10.5	Dubai Airport	10.5	Kuwait	9.3	Kuwait	9.3	Kuwait	4.5	Kuwait	3.8	Burj Khalifa	2.5	Dubai Airport	11.7
Dubai Airport	11.7	Kuwait	10.5	Kuwait	9.3	Kuwait	9.3	Kuwait	9.3	Kuwait	4.5	Kuwait	3.8	Burj Khalifa	2.5	Dubai Airport	11.7

For example



Hyperloop: travel times between major GCC cities

5mins
64km
Jeddah Mecca

Travel times with Hyperloop

Etihad Towers	11
Saadiyat Cultural District	9.8
Capital District	9.8
Abu Dhabi Airport	8.6
Dubai World Central	3.8
Dubai Marina	2.5
Burj Khalifa	2.5
Dubai Airport	11.7
	10.5
	10.5
	9.3
	4.5
	3.2
	1.7
	1.7

Kuwait

20mins
364km
Muscat

The Projected Economic Benefit: US\$10 Billion (36.73 Billion Dh) rise in GDP Between 8-15 years after operation

Etihad Towers to Capital District: 5.8 minutes

The Car of the Future



The Car of the Future



Acknowledgement & Bibliography

Thanks Saleh and Amal for their assistance in accomplishing this project!

- Dubai Evolution from 1960 to 2021 Time-lapse, <https://www.youtube.com/watch?v=XPd5AmTEkdk>
- 40 year history of UAE logistics: Part three - Roads, <https://www.logisticsmiddleeast.com/article-6926-40-year-history-of-uae-logistics-part-three-roads>
- Dubai's new transport museum is a drive through history
- , <https://www.thenational.ae/uae/transport/dubai-s-new-transport-museum-is-a-drive-through-history-1.170270>
- <https://www.freepik.com>
- <https://www.shutterstock.com>



THANK YOU FOR LISTENING!

ANY QUESTION?

We won the best team award!

