

218 km/h

NFTCar 1#
1 NFT = 1 ton/CO₂



Proof of Scrapping



Certificate of Vehicle Possession



Proof of Sales Advertisement



Certificate of Scrapping

Age **Feb 21. 2005 - Oct 2. 2022**

Serial Number **1** Total **43 NFTs**

VIN **1J8GL58K95W639564**

Milage **237 000 km**

Fuel Consumption **13.8 l/100 km**

Consumption Per Year **1 886 liters**

5-year fuel consumption/emissions removed
9 430 liters | 21.3 tons/CO₂

10-year fuel consumption/emissions removed
18 860 liters | 42.6 tons/CO₂

NFTCar.io total fuel consumption/emissions removed
18 860 liters | 42.6 tons/CO₂

Driving  to be extraordinary

Revolutionizing Environmental Sustainability: Converting High-Pollution Cars to Carbon Credits through NFT Technology.

NFTCAR LITEPAPER



BNB CHAIN

Carbon Emissions Problem



Cars pollution

Transportation, including cars and trucks, is a significant contributor to global carbon emissions. According to estimates from the International Energy Agency, the transportation sector is responsible for about 15% of global carbon dioxide emissions.



Airplanes

Airplanes contribute to global carbon emissions through the burning of fossil fuels, such as jet fuel, during flight. According to the International Air Transport Association (IATA), the aviation industry accounted for about 2.4% of global carbon emissions in 2019. However, this percentage is expected to increase in the future as air travel demand continues to grow

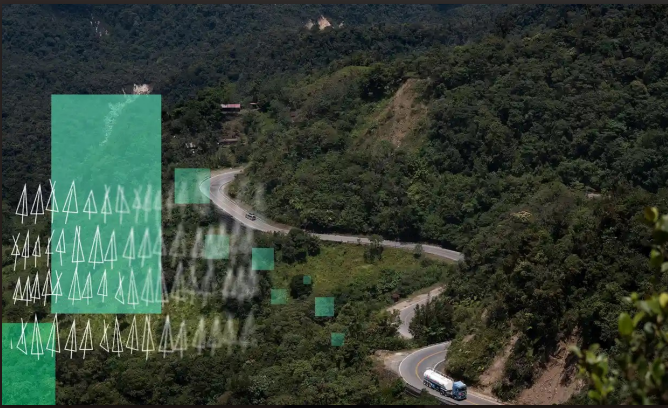


Construction

The building and construction industry is a significant contributor to global carbon emissions, accounting for around 22% of global energy-related carbon dioxide emissions, according to the United Nations Framework Convention on Climate Change (UNFCCC)

Carbon Verification Problem

The verification of carbon reduction is a vital step in combating climate change, but it faces obstacles such as high maintenance costs and difficulty in fully verifying reductions. Non-Fungible Tokens (NFTs) provide a solution to these challenges.



Source: [The Guardian](#)

Revealed: more than 90% of rainforest carbon offsets by biggest provider are worthless, analysis shows.

"According to a recent investigation, the forest carbon offsets that have been approved by the world's leading certifier and utilized by major corporations such as Disney, Shell, Gucci, and others are largely ineffective and may even contribute to the exacerbation of global warming."



Professor Andrew Macintosh is an environmental law and policy expert at The Australian National University (ANU). Australia.

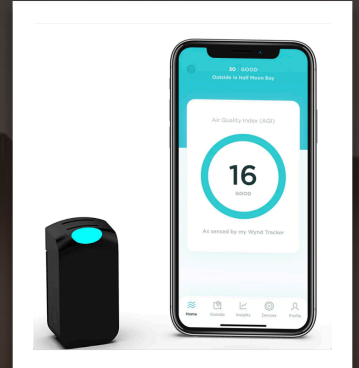
Source: [The Guardian](#)

According to Professor Andrew Macintosh, the government's carbon credit program, which awards credits for replanting native forests and mitigating methane emissions from landfill sites, is a deceptive scheme that negatively impacts the environment, taxpayers, and consumers.

A former insider who worked on the integrity of the program has come forward with a scathing critique, labeling it a fraudulent waste of over \$1 billion in taxpayer funding that has caused harm to the environment."

Urban Air Quality Crisis

Wynd Air Quality Tracker reports dangerous levels of air pollution in both Dubai (UAE) and Tallinn (Estonia). The tracker provides real-time monitoring of local air quality, assigning a Wynd Score between 1-100, with 100 indicating optimal air quality. The score is calculated based on various factors including particle levels, volatile organic compounds (VOCs), carbon dioxide (CO2), temperature, humidity, light, noise, PM10, PM2.5, PM1.0, pollen, dust, smog, and smoke.



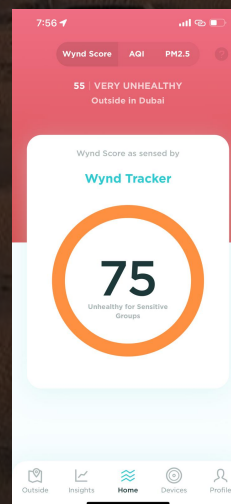
Wynd Air Quality Tracker

The real-time air quality measurement result, as captured by the Wynd Air Quality Tracker:



Melbourne, Australia
Measuring date: 01.02.2023
Score: 97
For humans: GOOD

Summary: A score of 97 for air quality indicates good conditions for human health and serves as a positive example for cities worldwide to aim for.



Dubai, United Arab Emirates
Measuring date: 22.10.2022
Score: 75
For humans: Unhealthy

Summary: Air pollution is a major contributor to the unhealthy score of 75 in Dubai, highlighting the need for action to improve air quality and protect public health.



Sydney, Australia
Measuring date: 01.02.2023
Score: 95
For humans: GOOD

Summary: Air quality with a score of 95 is considered good for human health and can be used as a benchmark for other cities to strive towards.



Tallinn, Estonia
Measuring date: 01.12.2022
Score: 77
For humans: Unhealthy

Summary: The score of 77 for air quality is classified as unhealthy and signals the need for immediate action to reduce air pollution and ensure better health for the population.

Tackling Climate Change: NFTCar.io's Goal of Decreasing Carbon Emissions



Mardo Soo



Founder & CEO
at NFTCar

NFTCar is leading the charge in carbon reduction. I'm Mardo Soo, founder of Consulting24, a rapidly expanding consultancy in Estonia and Lithuania with a strong presence in the crypto industry.

My latest project, NFTCar, combines the power of blockchain and AI, including ChatGPT, to minimize carbon emissions from transportation and real estate. With our NFTs, reducing your carbon footprint has never been easier or more transparent (100% verifiable using blockchain technology).

Join us in our mission to create a sustainable future."

If you're new to carbon emissions, don't worry, by the end of this Litepaper, you'll understand everything you need to know. From what carbon emissions are and how to calculate them, to ways to reduce them to zero and verify your reduction efforts.

NFTCar is on a mission to combat the devastating effects of carbon emissions, starting with the major contributor in cities: cars. Our NFT initiative is designed to eliminate high-polluting vehicles from urban areas, where cars can account for 30-70% of greenhouse gas emissions.

At NFTCar, we understand that everyone has a role to play in addressing the climate crisis, and we're here to make it easy for you. Our NFTs are the world's first to be backed by high-pollution cars, symbolizing your commitment to reducing your carbon footprint. By calculating your emissions from transportation, flights, or real estate, you can determine the number of NFTCar NFTs needed to offset your impact and make a positive difference.

Join us in our efforts to create a more sustainable future. If you have any questions or suggestions, please don't hesitate to reach out to us at planet@nftcar.io.

We look forward to working with you and making a real impact on the world.

Sincerely,
Mardo Soo CEO at NFTCar.io

Creating NFTs on NFTCar.io: A Step-by-Step Guide

Steps for Creating NFTs:

1. Purchase a used car from a trustworthy sales platform;
2. Removing the car from government registry;
3. Scrapping the car the way non-parts will be reused;
4. Create a unique NFTs for each car;

NFT QR Code Titles:

- A. Scrapping video;
- B. Car sales ad;
- C. Vehicle removal from registry certificate;
- D. Scrapping certificate - evidence of responsible disposal;



218 km/h

NFTCar 1#

1 NFT = 1 ton/CO₂





Proof of Scrapping



Certificate of Vehicle Possession



Proof of Sales Advertisement



Certificate of Scrapping

Age	Feb 21, 2005 - Oct 2, 2022
Serial Number	1 Total 43 NFTs
VIN	1J8GL58K95W639564
Milage	237 000 km
Fuel Consumption	13.8 l/100 km
Consumption Per Year	1 886 liters

5-year fuel consumption/emissions removed
9 430 liters 21.3 tons/CO ₂
10-year fuel consumption/emissions removed
18 860 liters 42.6 tons/CO ₂
NFTCar.io total fuel consumption/emissions removed
18 860 liters 42.6 tons/CO ₂

Driving  to be extraordinary

Scan QR

NFT Pricing & Calculation

The number of NFTs created for each car is determined by estimating the car's projected CO₂ emissions over the next 10 years and dividing that amount by a ratio of 1 NFT = 1 ton of CO₂ reduction. This calculation allows us to determine the number of NFTs generated per car.

Car buying process (NFTCar 1# example):

Purchasing price: 10 500AED
Removing from government registry: 540AED
Scrapping: 1200AED
Total: 12240 AED = 3330\$

NFT sales (NFTCar 1# example):

NFTCar 1# 10-year CO₂ emissions: 42.6 tons/CO₂
42.6 tons/CO₂ reduction = 43 NFTs
1 NFT = 80\$

Total 3440\$



218 km/h

NFTCar 1#
1 NFT = 1 ton/CO₂





Proof of Scrapping



Certificate of Vehicle Possession



Proof of Sales Advertisement



Certificate of Scrapping

Age Feb 21, 2005 - Oct 2, 2022

Serial Number 1 Total 43 NFTs

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5-year fuel consumption/emissions removed
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18 860 liters | 42.6 tons/CO₂

NFTCar.io total fuel consumption/emissions removed
18 860 liters | 42.6 tons/CO₂

Driving  to be extraordinary

NFT carbon reduction calculation example:

Car age: 15 year
Milage: 150 000km
Fuel consumption: 10 l/100km
Total fuel consumption: 15 000l
Total Emissions: 15 000 l * 2.3 = 34.5 tons/CO₂
(1 liter fuel burned = 2.3 kg/CO₂)

NFT CO₂ removal calculation:

Car will be on the roads: 10 years
10 year milages: 100 000km
10 years total fuel consumption: 10 000 liters
10 years CO₂ emissions: 23 tons/CO₂
NFTs minted: 23

Business Model

At NFTCar, we're revolutionizing the fight against climate change with our innovative NFT model. By assigning higher NFT value to cars with high levels of pollution, we're creating a new system of value that prioritizes sustainability.

It's important to note that the worth of NFTs is not guaranteed and can fluctuate based on factors such as demand, rarity, and uniqueness. The value of NFTs is determined by a complex interplay of these and other variables, making them an exciting but unpredictable investment opportunity.

Revenue type	Profit	Details
NFT Sale	Minimum	The total sales of NFTs per car covers all costs associated with purchasing the car, scrapping it, and creating the NFT
Royalty fee	4%	A royalty fee will be paid to the NFTCar foundation on every buy and sale transaction

4% royalty fee usage:

2% for buy-back of cars & creating more NFTs;
1% for marketing;
1% for foundation;

Bored APE NFTs



Bored APE NFTs have proven to be the epitome of success, with their massive popularity and impressive sales figures. APE NFTs have paved the way for NFTs to revolutionize the art world and beyond.

Follow Bored Ape Yacht Club [HERE](#)

Bored Ape Yacht Club

By YugaLabs

Items **9998** · Created **Apr 2021** · Creator earnings **2.5%** · Chain **Ethereum** · Category **PFPs**

The Bored Ape Yacht Club is a collection of 10,000 unique Bored Ape NFTs— unique digital collectibles living on...

See more

826,787 ETH
total volume

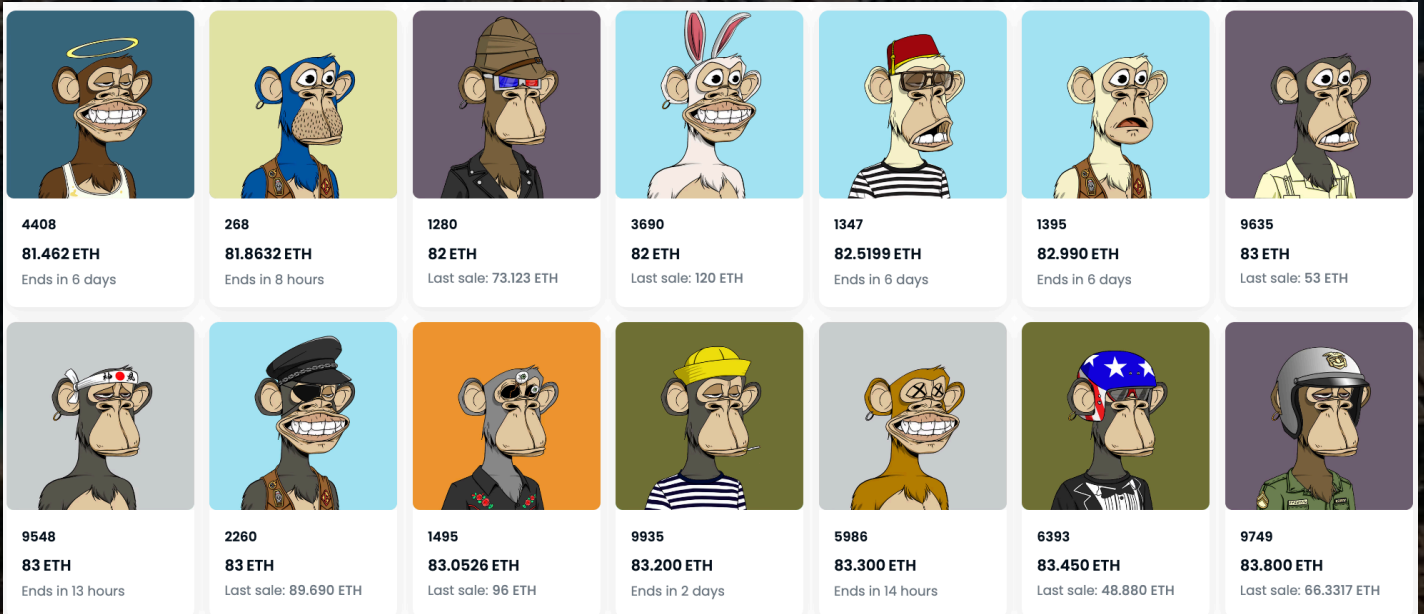
75.68 ETH
floor price

68.6868 WETH
best offer

3%
listed

5,944
owners

59%
unique owners



Picture yourself in the year 2040, owning NFTCar NFTs created in 2023. These NFTs are backed by high-emission cars and are fully verifiable in terms of carbon reduction. As time passes, they have the potential to hold significant value.

Carbon Footprint Reduction Verification

NFTCar NFTs offer 100% verifiable carbon reduction through the use of NFT technology. Each NFT is linked to a specific car through its Vehicle Identification Number (VIN), age, mileage, and fuel consumption, making the data unalterable and trustworthy.

The number of NFTs created for each car is determined by projecting the car's CO₂ emissions over the next 10 years and dividing that amount by a rate of 1 NFT = 1 ton of CO₂ reduction. To verify carbon reduction follow these steps:

1. Verify car's VIN code;
2. Confirm the car's age, mileage, and average fuel consumption per 100 km using the VIN code;
3. Estimate the car's future emissions over the next 10 years;
4. Divide the estimated future emissions by the ratio of 1 NFT = 1 ton of CO₂ reduction;

The screenshot displays the NFTCar.io interface. At the top, a car is shown with a speedometer reading 210 km/h and the text 'NFTCar 1# 1 NFT = 1 ton CO₂'. Below this, there are four QR codes labeled 'Proof of Scrapping', 'Certificate of Vehicle Possession', 'Proof of Sales Advertisement', and 'Certificate of Scrapping'. To the right, a table shows fuel consumption and emissions data:

Period	Fuel Consumption (liters)	Emissions (tons CO ₂)
5-year fuel consumption/emissions removed	9 430	21.3
10-year fuel consumption/emissions removed	18 860	42.6
NFTCar.io total fuel consumption/emissions removed	18 860	42.6

Below the table, it says 'to be extraordinary'. On the left, a white box contains the following details:

- Age: Feb 21. 2005 - Oct 2. 2022
- Serial Number 1: Total 35 NFTs
- VIN: 1J8GL58K95W639564
- Milage: 237 000 km
- Fuel Consumption: 13.8 l/100 km
- Consumption Per Year: 1 886 liters

At the bottom right of the white box, it says 'Driving' with a small globe icon.

"At NFTCar, we are unwavering in our commitment to transparency and verifiability in the fight against climate change and the creation of NFTs. We understand that trust and confidence in our project can only be achieved through accessible and easily traceable systems. That's why we have made it a top priority to maintain transparency and verifiability in all that we do." - Mardo Soo, CEO of NFTCar.io

Vehicle Carbon Footprint Calculator

Our tool calculates the carbon dioxide (CO₂) emissions generated by driving a car by taking into account the vehicle's mileage and fuel consumption per 100 km. This emissions data is then transformed into NFTCar NFTs, where 1 NFT represents a reduction of 1 ton of CO₂.

Example:

Driving distance: 51 000km

Fuel consumption: 8 l/100km

Carbon emitted: 9.38 tons/CO₂
(1 liter fuel burned = 2.3 kg/CO₂)

1 NFT = 1 ton/CO₂ reduced

Total NFTs needed to reduce carbon emissions to zero: 9.38 NFTs

Total cost: 750\$

Car Carbon Footprint Calculator

Distance (km) footprint you want to reduce to 0?

51000

What's average fuel consumption per 100km?

8

Total fuel consumption (liters)

4080.00

Total carbon emissions (ton/CO₂)

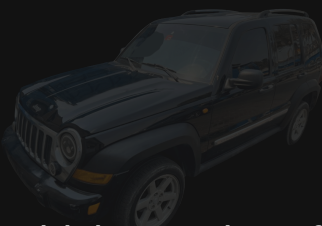
9.38

NFTs you need to buy to reduce carbon footprint to 0.

9.38

Total (\$)

750



Calculate your driving carbon footprint. Try calculator [HERE](#)

Flight Carbon Footprint Calculator

This calculator enables users to determine the amount of carbon dioxide (CO₂) emissions produced by their air travel.

By inputting their air travel details, the calculator calculates the total CO₂ emissions produced per journey. Then, it uses this information to determine the number of NFTCar NFTs required to offset the emissions. Each NFT represents a reduction of 1 ton of CO₂, and the calculator provides the number of NFTs needed to purchases to achieve carbon neutral status.

Our calculator also converts total emissions into an equivalent amount of fuel consumed. This allows users to easily understand the impact of their air travel in terms of fuel usage and make more informed decisions.

Example:

Flight distance: 10 000km

Carbon emitted: 0.9 ton/CO₂
(one person = 90gram CO₂ per km)

1 NFT = 1 ton/CO₂ reduced

Total NFTs needed to reduce carbon emissions to zero: 0.72 NFTs

Total cost: 72\$

Flight Carbon Footprint Calculator

How many air kilometers footprint do you want to reduce to 0?

10000

Carbon emissions released (ton/CO₂)

0.90

CO₂ released converted to fuel burned in liters.

391.30

NFTs you need to buy to reduce footprint to 0.

0.90

Total cost (\$)

72.00

Calculate your flight carbon emissions. Try flight emissions calculator [HERE](#)

Building Carbon Footprint Calculator

This calculator enables users to estimate the carbon dioxide (CO₂) emissions generated by their real estate, measured in terms of emissions per square meter of building. These emissions are then converted into NFTCar NFTs, with a conversion rate of 1 NFT = 1 ton of CO₂ reduction

How does this work?

Typically, buildings have 20-30 cm concrete floors, but when taking into account other property elements such as walls and sealants, a floor thickness of 40 cm is more likely. This makes it easier to calculate and understand the carbon emissions released into the atmosphere when the building was constructed.

To estimate the carbon emissions from the cement alone, we use the average CO₂ emissions per ton of cement, which is around 900 kilograms of CO₂.

To calculate the carbon emissions associated with cement for a 1m² concrete floor with a 40cm thickness:

- Cement (in kilograms) = (1m x 1m x 0.4m) x (2,800 kilograms/cubic meter) = 1120 kilograms
- Carbon emissions (in kilograms) = 1120 kilograms of cement x 900 kilograms of CO₂/ton of cement = 1000 kilograms of CO₂

Example:

Apartment size: 60 m²

Total Carbon Emissions from Construction: 60 tons of CO₂

NFTCar NFTs Needed to Offset Emissions: 60 NFTs

Total Cost: \$4,800

Building Carbon Footprint Calculator

What is your building/apartment size? (m²)

60

Your building/apartment CO₂ emitted (ton/CO₂)

60

Building/apartment CO₂ converted to the fuel burned. (liters)

26087

Total Cars Needs to Scrape.

1.41

NFTs you need to buy to reduce your building/apartment footprint to 0.

60.00

Total (\$)

4800

Calculate your building carbon footprint. Try calculator [HERE](#)

Dubai Vehicle Statistics

Year	Population	Cars	Population increase
2017	2,651,000	1,431,540	134,000
2018	2,785,000	1,503,900	48,000
2019	2,833,000	1,529,820	45,000
2020	2,878,000	1,554,120	43,000
2021	2,921,000	1,577,340	43,000
2022	2,964,000	1,600,560	
		Population avg last 5-year increase	62,600

Year	Population	Cars	Population avg increase
2022	2,964,000	1,600,560	62,600
2023	3,026,600	1,634,364	62,600
2024	3,089,200	1,668,168	62,600
2025	3,151,800	1,701,972	62,600
2026	3,214,400	1,735,776	62,600
2027	3,277,000	1,769,580	62,600
2028	3,339,600	1,803,384	62,600
2029	3,402,200	1,837,188	62,600
2030	3,464,800	1,870,992	62,600
2031	3,527,400	1,904,796	62,600
2032	3,590,000	1,938,600	62,600
2033	3,652,600	1,972,404	62,600
2033	3,715,200	2,006,208	62,600

The exponential growth of Dubai's car population, projected to reach 2 million by 2034, presents a significant challenge for the environment. If 10% of these vehicles are not in proper working condition by that time, we must take immediate action to remove nearly 200,000 cars from the roads to protect our planet.

Population source: <https://www.macrotrends.net/cities/22635/dubai/population>

Data source: 2018 - Dubai has a vehicle density of 540 cars per 1,000 people.

<https://www.simplycarbuyers.com/blog/dubai-has-more-cars-per-capita-than-new-york-and-london/>

Global Vehicle Statistics

Year	Cars	Total cars in the world (Billion)
2016	66,817,600	1.077
2017	68,325,000	1.143
2018	68,157,900	1.211
2019	65,504,300	1.279
2020	56,000,700	1.344
2021	58,180,800	1.4
Average	63,831,050	

Year	New cars made	Total cars in the world (Billion)
2022	63,831,050	1.4638
2023	63,831,050	1.5276
2024	63,831,050	1.5914
2025	63,831,050	1.6552
2026	63,831,050	1.719
2027	63,831,050	1.7828
2028	63,831,050	1.8466
2029	63,831,050	1.9104
2030	63,831,050	1.9742
2031	63,831,050	2.038
2032	63,831,050	2.1018
2033	63,831,050	2.1656
2034	63,831,050	2.2294

By 2034, the global number of cars is projected to rise from 1.46 billion in 2023 to 2.2 billion. If a small percentage of vehicles, ranging from 10-20%, contribute to a significant portion of air pollution in cities, 70-90%, then it becomes imperative to remove nearly 220 million cars from roads and create NFTs to combat the environmental impact.

Used Cars for Sale in Dubai.

❖ Dubicars.com - 214 Ads

Make

Model (Select Make)

Price
Any - 40,000

Vehicle Type

Kilometers

Year
Any - 2008

Ship to

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❖ uae.dubizzle.com - 2186 Ads

dubizzle All Cities (UAE) ▾

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City
All Cities

Make
Type a car name...

Price (AED)
1 - 40K

Year
1920 - 2010

Kilometers
Select

Filters
Regional Specs, Keyword, etc

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❖ carswitch.com - 531 Ads

CARSWITCH [العربية](#)

[Favourites](#) | [Used Cars](#) | [Car Value](#) | [Get app](#) | [Sell Car in Dubai](#) |

Filters
2 filters [Clear all](#)

[Full price](#) | [Monthly price](#)

Price AED 0k - 40k

Showing 531 Used cars for sale in Dub... Sort by: [Trending](#) ▾

Audi A6 2.8L V6 AED 24,000
2014 - 222,000 km

Lexus IS250 2.5L V6 AED 34,500
2012 - 70,000 km

BMW 320i 2.0L TC i4 AED 30,000
2012 - 165,300 km

UAE

العربية

New

Used

Electric

Reviews

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Sell My

All Cities

Select car make/brand

Search

4000 - 40000

1960 - 2010

Mileage Range

Body Types

More Filters

Clear All

Showing 1 - 12 of 6,205 Used Cars

Sort: Latest First

Create Alert

Year	Millionaires in Dubai	UAE Business licenses	Total Used Cars In Sale Which Qualifies for NFT-sation
2020		347,496	
2021	54,000	430,921	
2022	67,900		10 000

Dubai millionaires

By investing in 44 NFTCar NFTs per car, 15% of Dubai's millionaires have the power to acquire all used vehicles priced at 40,000 AED or less and neutralize their carbon footprint moving forward.

UAE Bussinesses

By purchasing 44 NFTCar NFTs, 2.5% of Dubai's businesses can help eliminate the future carbon footprint of used cars priced at 40,000 AED or less, making a significant impact in reducing carbon emissions and paving the path towards a greener future.

Source millionaires: <https://www.thenationalnews.com/business/money/2022/09/14/dubai-records-18-increase-in-multimillionaire-residents-in-2022/>

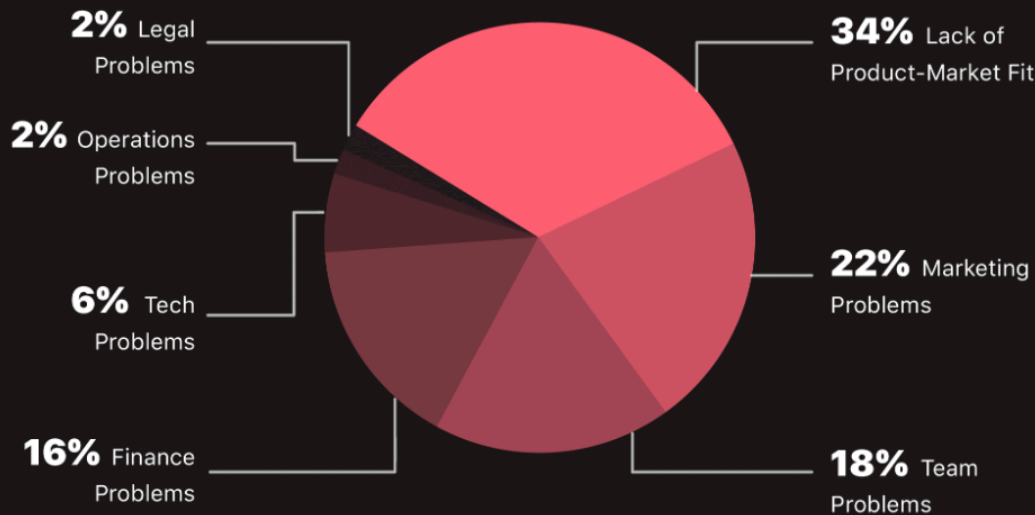
#:~:text=The%20city%20is%20home%20to%2067%2C900%20millionaires%2C%20new%20report%20finds&text=The%20number%20of%20billionaires%20in,202%20from%20165%20last%20year.

Source private firms: <https://www.arabianbusiness.com/politics-economics/411941-revealed-the-size-of-the-uaes-private-sector-workforce>

Business License Data: <https://www.startupzone.ae/posts/new-business-license-issuing-percentage-increases-in-dubai#:~:text=There%20were%20430%2C921%20new%20businesses,positive%20results%20for%20the%20economy.>

Managing Risks and Ensuring Backing for NFTCar NFTs.

Common Reasons For Startup Failure



Source: <https://www.failory.com/blog/startup-failure-rate>

Environment - safe bet

While the success of startups can be uncertain with a high failure rate, the environmental impact of removing high-emitting cars from the roads through the NFTCar initiative will still be maintained even in the event of the project's failure;

Hacking

The risk of hacking the smart contract or NFT platform remains present as long as the NFTCar project is in operation. Hacking incidents are a common occurrence in the crypto industry and can occur on a daily basis.

Consulting24 funding

Consulting24 is committed to providing financial support for the development of the NFTCar project, regardless of market conditions;

CEO commitment!

"I'm committed to offset 250 tons of CO₂ through NFTCar NFTs, with the goal of neutralizing my carbon footprint from my lifetime of travel, driving, and real estate emissions."
Mardo Soo

Zero Carbon Challenge



Be a part of the solution and make a difference in the fight against climate change. Join the Zero Carbon Challenge today and take your first step towards a carbon neutral future.

By NFTCar Team

Follow Us on Social Media

