uPark

1st Decentralized Solution for Parking Spots reservations

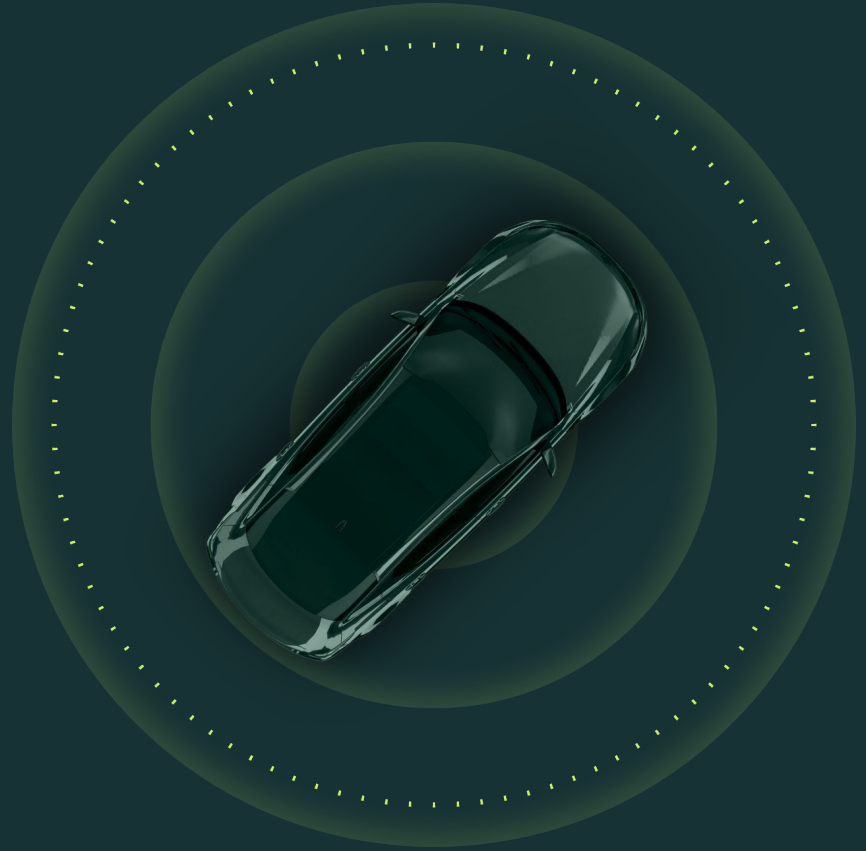Lightpaper v1.1

©April 2022

uPark

Table of contents

uPark

Introduction

Introduction

Mission: Create sustainable & decentralized Mobile parking booking solution in a high car concentrated areas with a spot visibility and guarantee across Europe.

uPark

Problem

Problem Ecology & Sustainability

Lot of effort is put into optimizing infrastructure by incorporating solutions like automated vehicle storage and retrieval systems & that comes with extensive development cost.
Fortunately, the answer to parking sustainability may not lie with infrastructure alone.

Ecology
Go green

Environmental initiatives
Transportation

uPark

Problem Time, Hustle, Frustration

No. of cars in the city centers increases↑, where no. of parking spots available decreases↓
We live fast and have no time to waste, we value our OWN & FAMILIES time.
WE want to plan and know ahead!

Facts:

16.000
Daily

cars have hurdle to find a parking spot in the city center

15min
average

average time to find a parking spot in the city center during rush hours

25%
approx

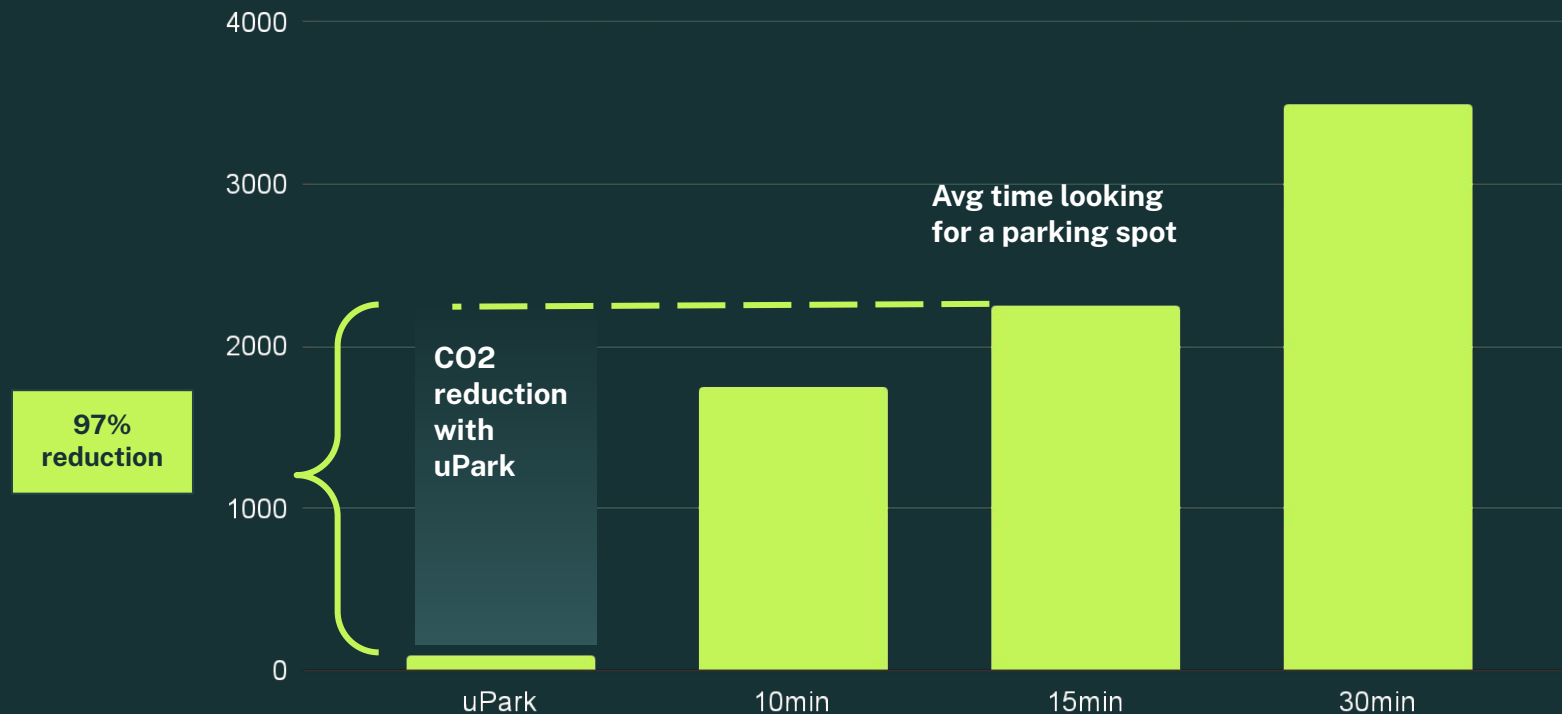park over 500m out of destination low visibility and availability of parking spots

7%
around

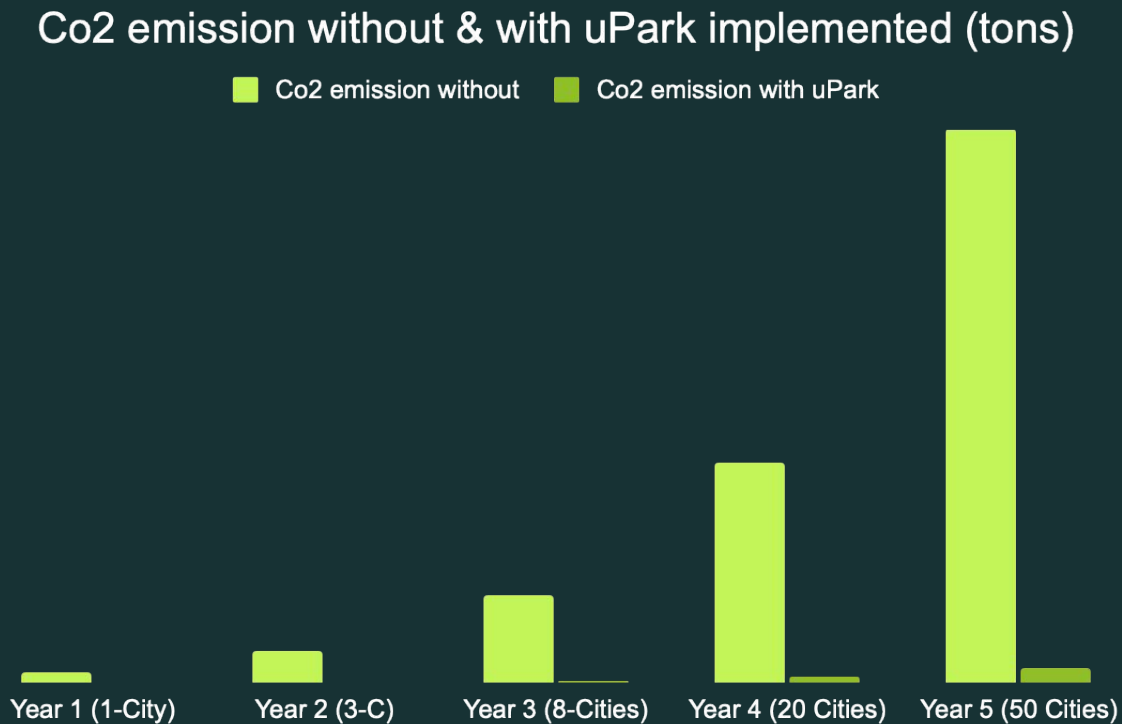cancel plans due to no parking spot available

ůPark

Problem Ecology & Sustainability

CO2 Emmision per (g/min)

97% reduction

CO2 reduction with uPark

Avg time looking for a parking spot

uPark   10min   15min   30min

uPark

Problem Ecology & Sustainability

Co2 emission without & with uPark implemented (tons)

■ Co2 emission without   ■ Co2 emission with uPark

Year 1 (1-City)   Year 2 (3-C)   Year 3 (8-Cities)   Year 4 (20 Cities)   Year 5 (50 Cities)

uPark

Problem

CO2 Daily vs Yearly - City center / only 15-min extra pollution

28
ton
CO2

10.000
ton
CO2

Daily
16.000 cars

Yearly
5,5 mln cars
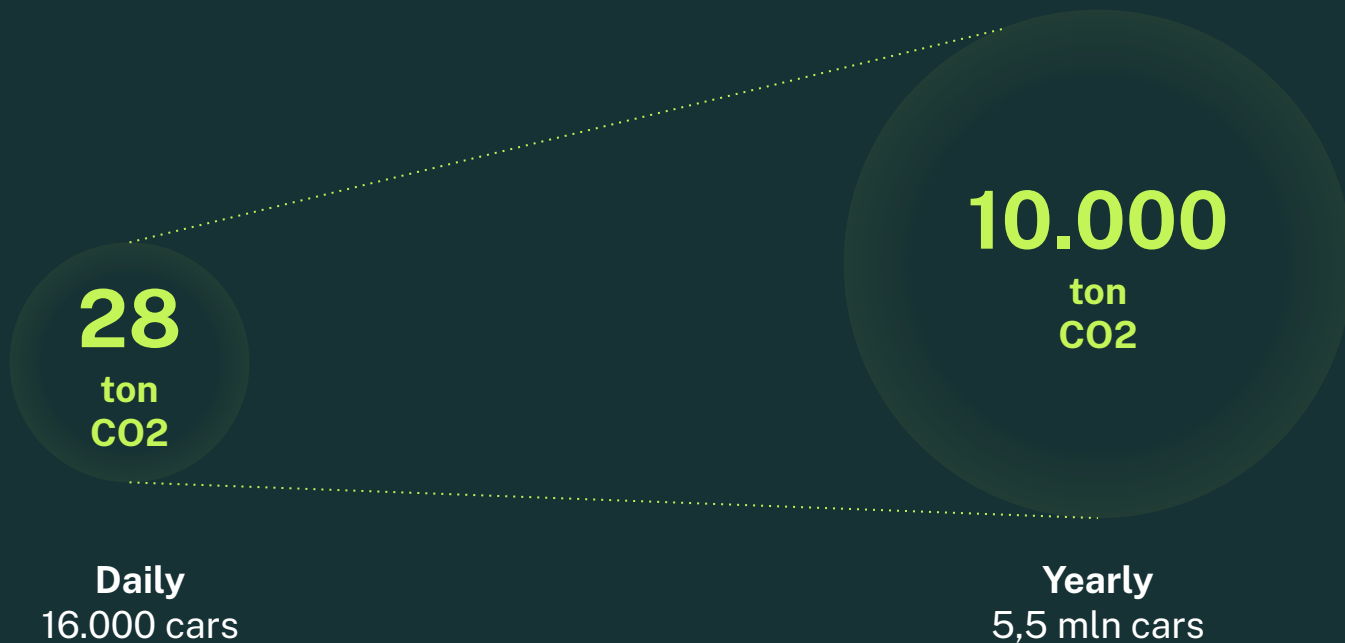
This is how much CO2 can be saved by using uPark only in **1 City center**

uPark

Time/Money

Time/Money spent looking for a parking spot

■ Fuel consumption (L)   ■ Cost (EUR)

95% reduction

Cost saving

Time saving

	uPark	10min	15min	30min
Fuel consumption (L)	0,08	0,8	1,6	2,4
Cost (EUR)	0,16	2	3	5
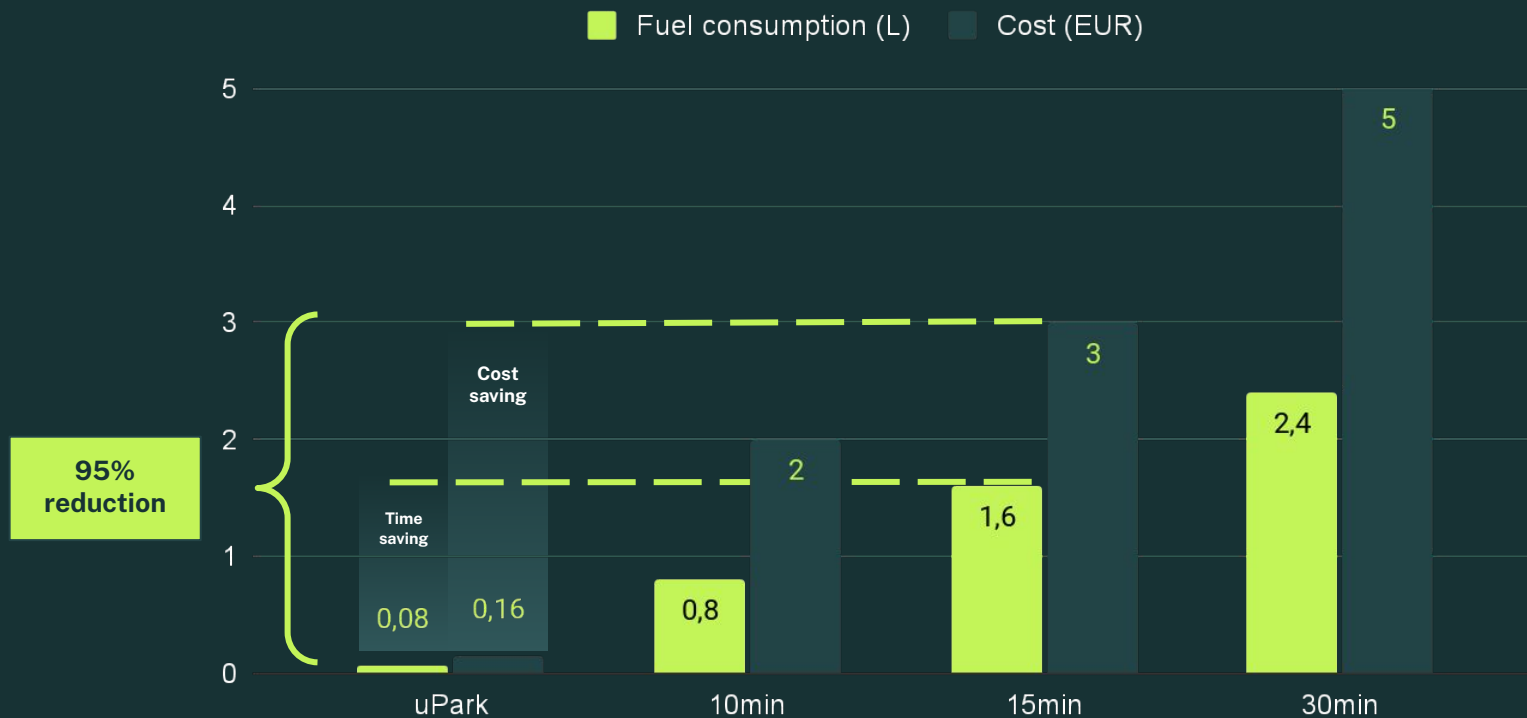
uPark

Solution

Solution What is uPark

uPark is a Parking booking service. It partners with parking spots through the country across Europe to provide you with a guaranteed parking spot available. uPark is a digital parking marketplace that connects drivers looking to find and book a parking spot with use of Mobile device. Especially targeting high car concentrated areas, where planning a trip and having a parking spot guaranteed is crucial. Mostly in the City center, shopping mall, event or an airport.

❏ Find
❏ Pay
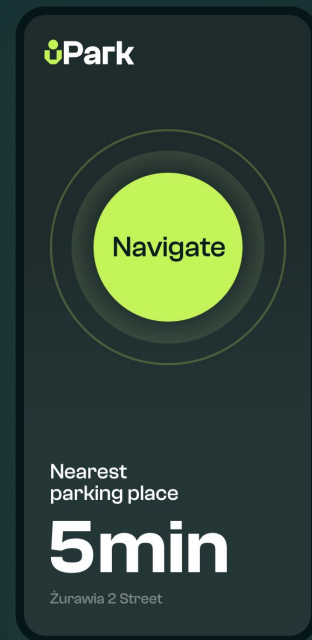❏ Park

Save time | Save CO2 | Reduce stress

uPark

Solution How it works

1. Download uPark from Appstore or Google Play store.
2. Connect Maiar Wallet or/and add card payment.
3. Type in desired destination for travel (address, place)

   Note: if using google maps or apple maps uPark will read your destination.

4. uPark will suggest nearest parking spots available.
5. Confirm parking spot for reservation.
6. Choose departure or arrival time and duration.

   (uPark will take into account travel time if required)

uPark

Navigate

Nearest
parking place
5min
Żurawia 2 Street

uPark

Solution How it works

uPark sets a network of Parking spots.

With use of Blockchain & AI it predicts the utilization of parking spots and therefore suggests best suitable location.

All the information like number of bookings, most required locations for parking, parking duration including geo-data are taken into account.

We are aiming for as big network as possible where certain parking spots saturation will open new branch possibilities.
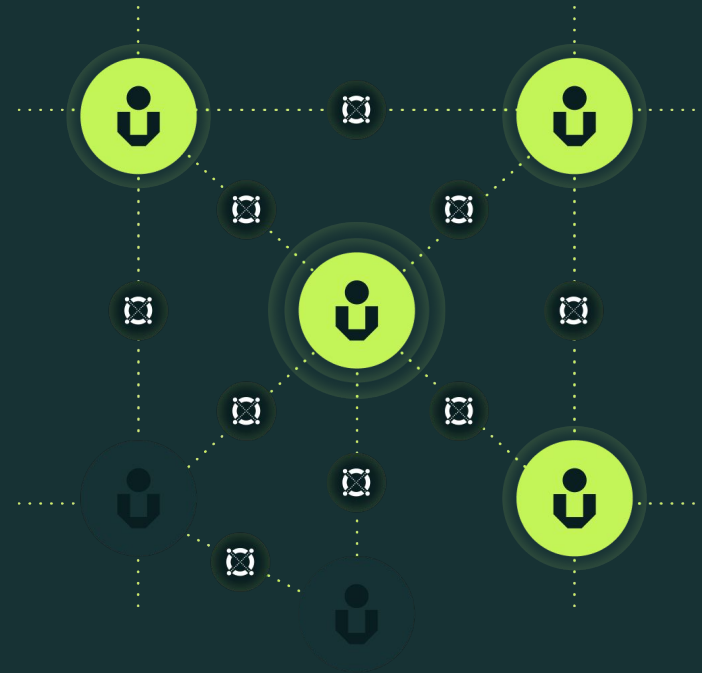
uPark

Business model

Market potential Based on 1 Capital City

uPark is targeting high car concentrated areas at first like City centers, where problem to find a parking spot is highest. Based on example of 1 City & research made in capital of Poland - Warsaw, there is approx 100.000 Parking spots available (TAM), where around 30.000 Parking spots are most wanted once in the City center location (SAM). uPark is targeting 10% of those City center spots (10% of SAM) at first and its business model is based on that assumption (3000 Parking spots operated by uPark in the city center).

TAM | Total Available Market
SAM | Serviceable Available Market
SOM | Serviceable Obtainable Market

Total parking spots in Warsaw

TAM
100.000
spots

Number of parking spots
in the city center

SAM
30.000
spots

uPark initial target

SOM
3.000
spots
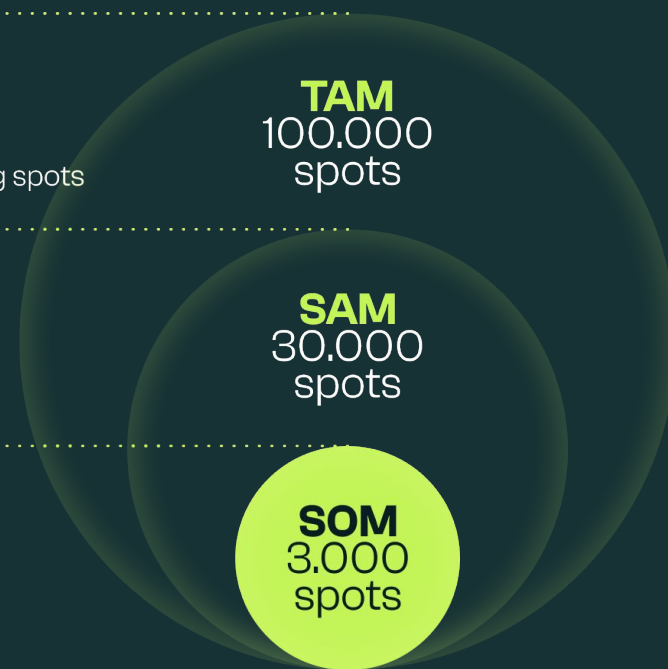
uPark

Increase in Value Business scalability (horizontal)

uPark is aiming to scale the solution in the whole Europe, where Year 1 will focus to run the pilot and make required fine tuning of the solution.

Once the pilot is in Finished, main focus will be to scale business, which will lead to boosting the number of parking spots available in uPark.

That will increase user adoption, making it ready for new industries and partnerships, within new branches.

Year 1
1 city - pilot

Year 2
3 cities
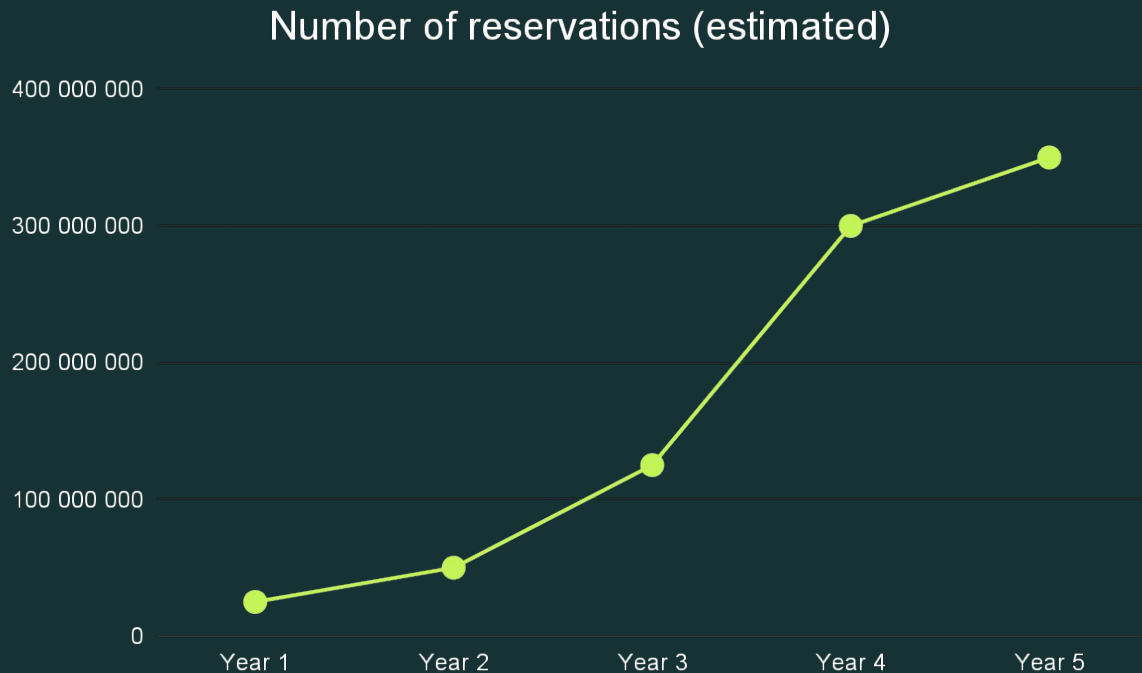
Year 3
8 cities

Year 4
20 cities

Year 5
50 cities

uPark

# Increase in Value Business scalability (horizontal)

Considering nonlinear adoption rate, where maximum estimated spots utilization is at 75%, number of reservations in coming years, will look as per presented graph.

Number of reservations (estimated)

uPark

Increase in Value Business scalability (vertical)

High saturation and many cities with parking spots will be required to scale vertically & enter into new partnerships that will be able to utilize current infrastructure.

New branches like EV charging stations, Car manufacturers, Banks etc. will come into uPark.

City centers

Car producers

Banks

EV chargers

Shopping malls

Airports

uPark
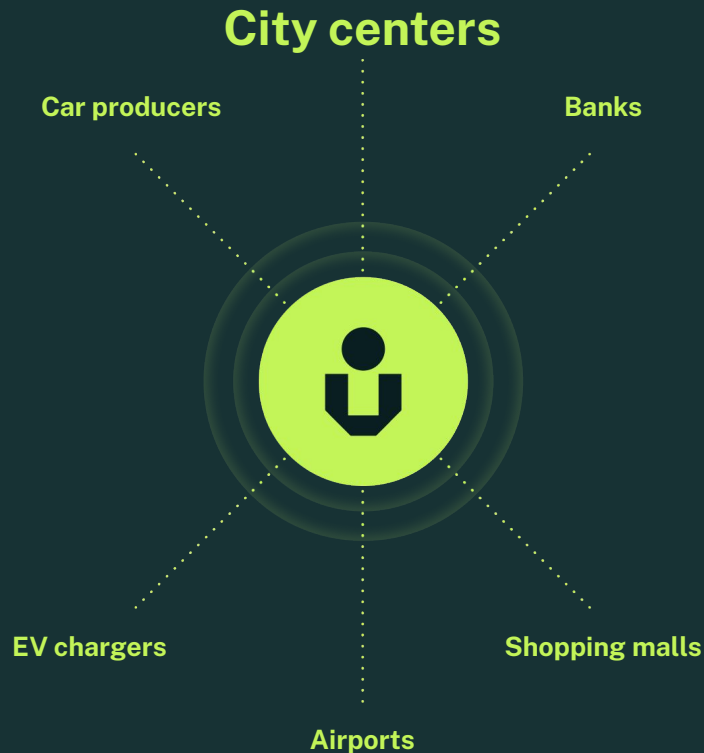
Crypto model

The Elrond Blockchain

Why Elrond?

1. Elrond is the first European carbon negative blockchain.
2. It's a highly scalable, fast, and secure blockchain platform built for internet scale.
3. Performance: 15000 current TPS, 6s block time, $0.001 tx cost, can scale beyond 100,000.
4. Secured with 3200 nodes all around the world.
5. Maiar.exchange -decentralized exchange with more than $1.5 billion total value locked.
6. Big ecosystem.
7. Developer friendly.
8. Global community
9. Fast growing user adoption
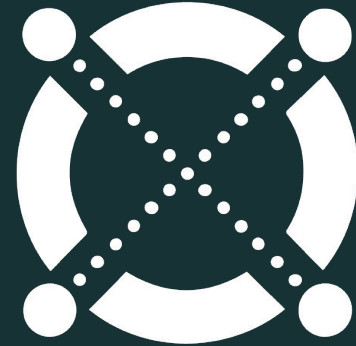
ůPark

Token

$UPARK is an ESDT that is used to charge the first Decentralized Solution for Parking Spots reservations across Europe.
Full ESDT name: UPARK-982dd6
Max Supply: 550 mln

Token owners will be able to:

- participate in raffles and airdrops.
- pay for Parking spots in uPark mobile app.
- stake and receive Rewards through uPark wallet.
- participate through Maiar.Exchange, once listed:
  - swap and trade $UPARK.
  - participate in Liquidity pools and receive Rewards.
  - participate in Metabonding & receive Rewards.

uPark

Burning & Minting - value

Stage 1: $UPARK token value at start will pre-defined by Pre-sales and locked for each Pre-sale with predefined token price. Each presale will have predefined token price which will be fixed in relation to EGLD, but variable in relation to USD due to EGLD coin nature and price volatility of EGLD/USD pair. Once listed on Maiar.exchange price discovery mechanism will further settle price based on Supply & Demand.

Stage 2: $UPARK token value in addition will be in strict relation to uPark business operational performance and business scalability and will have Deflationary as well as Inflationary characteristics.

uPark

Burning & Minting

Deflationary:

- with every new City acquired (horizontal) or new branch partnership (vertical), a specific amount of $UPARK tokens will be Burnt
- with every new 1000 parking spots, a specific amount of $UPARK tokens will be Burnt
- the unsold presale tokens (Pre-sale 1-2) will move to operational pool, where they will be further distributed between: 50% accumulated for next presale, 50% Burnt.
- the unsold presale tokens (Pre-sale 3-5) will be further accumulated, where optional 6th Pre-sale will be considered.
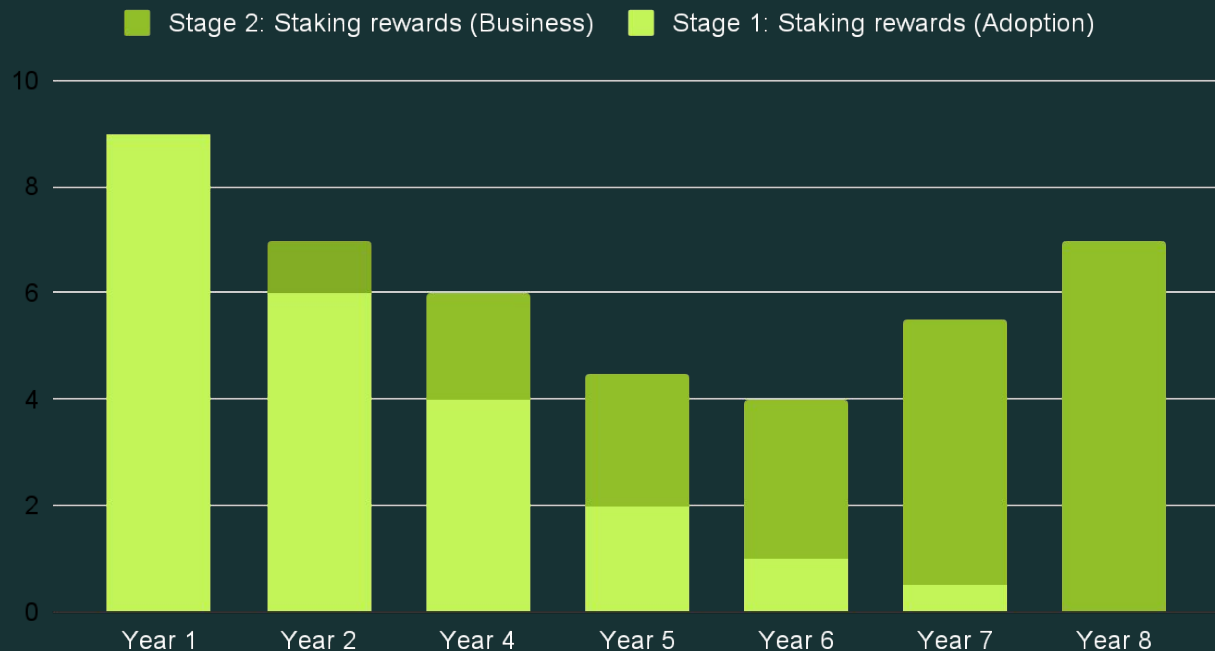
uPark

Burning & Minting

Inflationary:

- Stage 1: 10% of Supply distribution, will be distributed in time as staking rewards proportionally to owned amount of $UPARK tokens.
- Stage 2: with a specific number of Parking spot reservations, a specific amount of $UPARK tokens will be minted and sent to: 85% Staking rewards, 15% Company reserves.
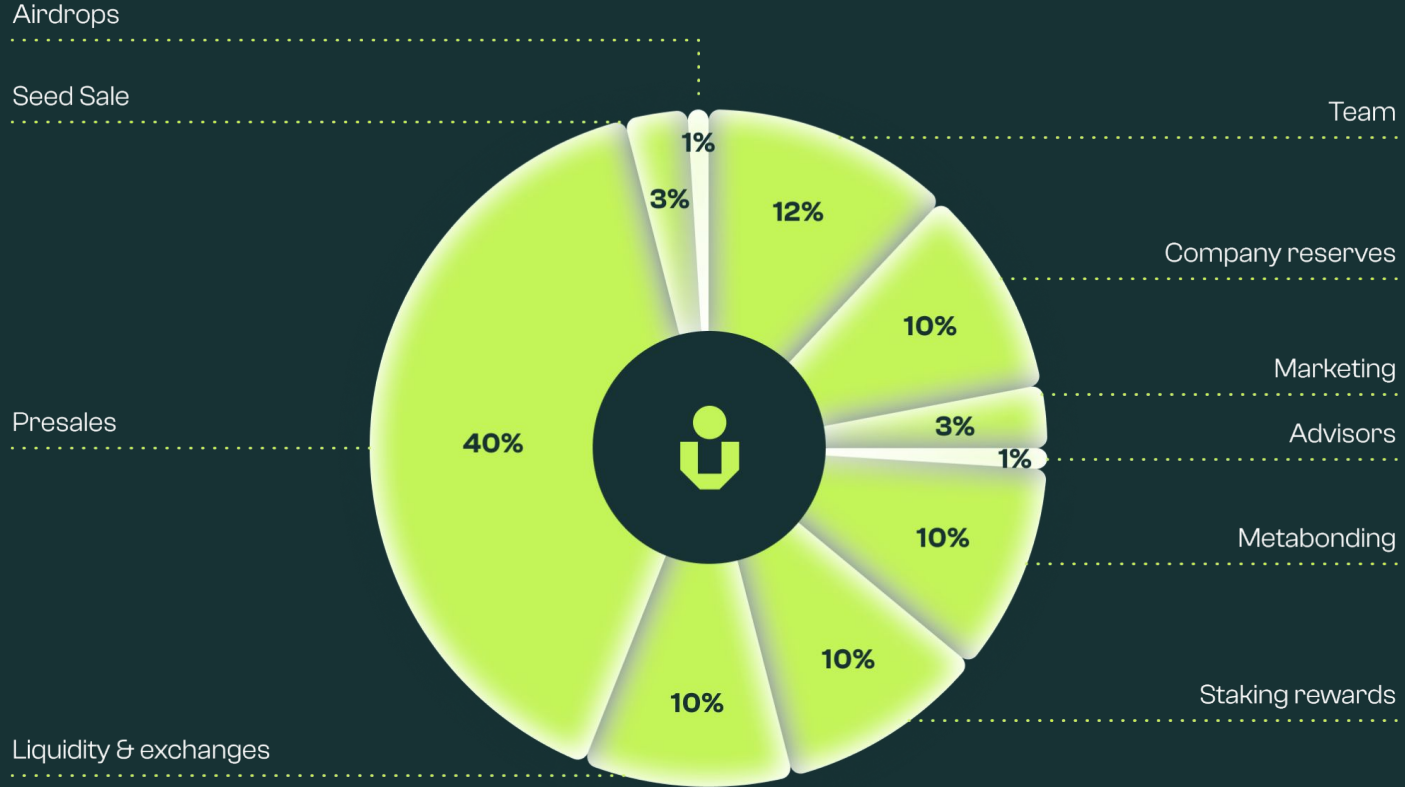
Note: Stage 2 additional minting mechanism will be a bridge between uPark operational business performance & Investors willing to freeze their assets in staking pools for longer period of time. It will be in clear correlation with company business performance, which is based on number of reservations across Europe.

uPark

Initial Supply distribution

Airdrops — 1%
Seed Sale — 3%
Team — 12%
Company reserves — 10%
Marketing — 3%
Advisors — 1%
Presales — 40%
Metabonding — 10%
Staking rewards — 10%
Liquidity & exchanges — 10%

Team vesting

To make sure that all users will have their UPARK tokens unlocked before the Team, uPark Team members will receive their tokens according to a vesting schedule which is as follows:

- Starting in Month 16 from TGE, 5% of $UPARK tokens out of UPARK TEAM pool Supply will be unlocked each next 20 month and distributed to uPark Team accordingly.
- Vesting period for the uPark team ends in Month 35, where a total of 15% $UPARK token Initial Supply will be distributed to a Team over mentioned 20 month period.

uPark

Token Model Lifecycle

Presale
5 rounds

+Early bird

Seed-sale: 3%

Presale 1: **6%**
Presale 2: **7%**
Presale 3: **8%**
Presale 4: **9%**
Presale 5: **10%**

for Early adopters

Stake
Opportunity

through uPark wallet
10% for Staking pool

for Rewards

Listing
Maiar.Exchange

10% in Liquidity
10% in Metabonding

for Everyone

uPark

Take back
your time.

uPark