

ABEE Foundation

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Funding the good-faith sharing economy

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1) ABEE Foundation Mission

The sharing economy is estimated to be a \$500 billion industry that is expanding at a rapid rate. The ABEE Foundation has been created to fund the good-faith sharing economy with projects ranging from ABEE Tree, ABEE Fix, and ABEE Travel with ABEE Rideshare being the first ABEE company coming to fruition. ABEE companies will pioneer a moral and ethical standard not yet seen in the sharing economy to develop a loyal and committed user base and to pave the way for how businesses should interact with their clients and users.

Abstract

Transportation options for individuals who do not own vehicles or who live in busy metropolitan areas used to be limited to either public transportation or taxis. That has now changed since the introduction and widespread popularity of ridesharing. Thanks to ridesharing, finding a way to get to and from places quickly and relatively cheaply is possible. Ridesharing undercuts the cost of taxis by adding competition to a former municipal monopoly through a user-friendly mobile app for drivers and passengers to interact with. However, current ridesharing businesses still concentrate the power of their business on large corporations, using centralized tactics and functions. This model leads to large corporations reaping more of the benefits of ridesharing instead of the drivers and passengers, thus leading to high employee turnover and passenger dissatisfaction.

ABEE Rideshare has designed an innovative, combination-based platform that implements decentralized blockchain services and some centralized functions so the drivers can be safe from a governmental barrage. The ABEE Rideshare platform allows for the power of the rideshare business to remain largely peer-to-peer with Dash payments; drivers get to keep more of their earnings and they can create their own rideshare network while being their own boss. Passengers benefit as well, as they are not only given incentives to ride with ABEE drivers, they are also provided with features not yet available in the rideshare industry giving them more control over how and when they want to ride. The ABEE Rideshare platform strives to put the power of the rideshare industry in users' hands, allowing for it to continuously grow and evolve organically.

2) ABEE Rideshare Background & Mission

If you've ever had to hail for a cab in a busy metropolitan area, it can be quite daunting. Taxi drivers may not stop for you and you don't know if it's because they didn't see you or, if they are currently servicing another passenger. In addition, taxi fares can also be quite expensive. Public transit, on the other hand, although more affordable, the trade-off is trip duration and limited route options. Thanks to mobile app development and advances in technology, ridesharing is now a more convenient, affordable, and fast transportation option. Ridesharing allows app users to either participate as a driver or a passenger. Despite its user-friendliness and convenience, ridesharing drivers do not reap as many benefits as the current ridesharing companies are promising. The main reason is because of the huge fees that gets deducted from the driver's earnings. Ridesharing companies such as Uber and Lyft take as much as 25-50% from a driver's total earnings.

ABEE Rideshare aims to change this facet of the rideshare industry. The goal is to create a self-sustaining platform that puts power in the users' hands by creating a user-friendly and intuitive application that allows the transaction of a simple and convenient ride, with our drivers keeping a large portion of their earnings and having the ability to monetize in multiple ways besides the standard fare. Riders will be able to enjoy cheaper fares than the competition while having a method to receive discounts on every trip they take through On Trip Ads.

ABEE offers a unique rideshare platform, carrying business practices in a unique way in comparison to other major rideshare companies. The mission is not to profit billions off the users, it's to be the only rideshare company creating billions for its users and to keep the power between the people by allowing them to keep most of what they earn using a perfect balance of centralized and decentralized functions.

3) ABEE Rideshare Business Model

ABEE Rideshare is built with the intention of creating a rideshare economy that benefits all users involved. Firstly, drivers keep much more of their earnings. ABEE drivers will be taking home 90% of the total fare with DASH payments and 87.1% with Visa or Mastercard payments from riders, leaving ABEE Rideshare with 10% with DASH payments and with card payments as payment processing for Visa is about 2.9%. Currently, prominent rideshare companies let the drivers take home 50-75% of the total fare. ABEE is able to undercut other rideshare platforms and charge less for rides due to the platform's selfless nature putting user benefits before executive profits. The fares for riders will be 9% lower than the top competitor to incentivize passengers to use the ABEE Rideshare platform.

The 10% fare revenue and the 33.3% from On Trip Ads revenue permits the ABEE Rideshare platform to keep servers running for a fluid experience 24/7, fix any bugs and implement updates for the application, to ensure a stable network. ABEE Rideshare is preparing to surface with an ethical model that does not seek extreme profit but rather a value-centric platform that brings in enough to keep the network, developers, and users satisfied.

Besides lower costs and drivers keeping more from their labor, there are many other features ABEE Rideshare offers that gives an edge over our fellow rideshare competitors.

3.1) ABEE Rideshare Features

- **Super Drivers**

The ABEE Foundation will be conducting a TGE (token generating event) where contributions will be accepted in exchange for AXB tokens. These tokens will be of strong utility to ABEE Rideshare drivers. When a driver holds \$750 worth of AXB tokens in their online wallet, ABEE Rideshare will come out of pocket so that drivers can offer a 15% discount on rides to their passengers, up to 30 passengers per month, all while still earning the full fare of the ride. The Super Driver status will be available to drivers for one year, after which drivers will have to renew their status upon expiration. This allows drivers the opportunity to build a loyal client base and community by offering these discounts to passengers that book with a Favorite Driver.

- **Favorite Drivers**

The Favorite Driver has been created for passengers to ride multiple times with their preferred driver. By having this feature, the driver can be ensured to create a loyal customer base. The rider can request a Favorite Driver at any time if the driver is currently servicing passengers and is within a reasonable proximity or the passenger can schedule a ride with one of their Favorite Drivers. ABEE Rideshare grants a specific communication channel between driver and rider through this feature, however, ABEE has limited this communication channel to strictly discount notifications so that drivers, if they hold AXB tokens, can offer their riders specialized discounts directly. The communication channel will also be linked to the rider's email in case personal items are left behind and need to be recovered.

- **On Trip Ads**

This feature will be completed through the On Trip Ads portal on the app once a trip has begun. Passengers will receive a notification during their ride if they would like to participate in providing feedback for a specific advertisement. This should not take more than one minute. Once completed, they will be credited AXB tokens which they can use on their next ride for a discount or they can build up their AXB tokens for free rides in the future. The revenue from these advertisements will be split equally among riders, drivers, and ABEE Rideshare.

- **Driver Bonuses**

Drivers will be rewarded based on the number of ride requests they fulfill. Once a driver reaches the required goal of rides they need to complete every hour, day, week, and month, they will be rewarded accordingly either with DASH or AXB tokens to accumulate for Super Driver status. This is to appreciate ABEE drivers for giving riders fast, quality rides when they need it.

- **Peer-to-Peer Payments**

The ABEE Rideshare platform was designed with the intention of giving value and rewarding users while allowing true peer-to-peer interactions to take place. This is why ABEE Rideshare has implemented rider to driver payments through mobile Dash wallets. This allows drivers to be paid directly after each individual ride. Dash wallets for drivers will enable ABEE to be a global platform and give drivers around the world a true, peer-to-peer rideshare experience skipping the middle-man credit card processors.

- **Tipping**

Tipping allows riders to show additional appreciation to their drivers, letting drivers know that the rider enjoyed their experience.

- **Catch A Ride**

ABEE Rideshare has implemented this feature to increase the percentage of potential riders per hour for drivers and for riders to have an efficient and convenient option of how and when they initiate a ride. With Catch A Ride, a passenger can initiate a ride by simply walking up to an available ABEE driver they see on the street and scanning the QR code located on the drivers back window, this will verify the driver. All ABEE drivers will have this QR code available on their back window.

3.2) ABEE's Smart Contracts

In ABEE's early stages, the team will set up and run the servers in order to create a stable and robust network. However, the ABEE Foundation's mission is to facilitate the growth of a true, peer-to-peer rideshare platform. This is why the AXB token will be based on the QTUM blockchain to integrate smart contracts for specific internal transactions that need to be both autonomous and provide transparency.

Rider Payouts - One smart contract will reward riders who participate in On Trip Ads. When this occurs, the smart contract will automatically withdraw the specified amount of AXB tokens from an AXB token fund designated wallet, then transfer them into the wallet that represents the rider's application balance. The credits the riders will receive will be used for discounted rides.

Super Driver Discounts - Another smart contract will be utilized in order to verify and grant Super Driver specific functions. This will enable a new display button, giving drivers the ability to give the passenger a discounted ride. When a Super Driver gives a discounted ride, a smart contract will automatically withdraw a specific amount from an AXB fund designated wallet, covering the amount for the driver. This means that the driver will receive the full original fare and the riders will receive their discount. ABEE's use of blockchain capabilities ensure that the ABEE platform has more peer-to-peer and decentralized qualities compared to the competition. Every implementation of decentralized blockchain services brings the organization much closer to becoming a fully distributed network with proper security in place for rider and driver locations, wallet addresses, and personal information.

3.3) The AXB Token

The ABEE Foundation will be conducting a token generation event (TGE) where contributions will be accepted in exchange for AXB tokens. The ABEE Foundation will provide donations to various ABEE companies. The ABEE Foundation's primary focus is the promotion and development of the ABEE platform. Following the TGE, the ABEE Foundation will be implemented as a think tank and venture capital platform.

The AXB token has a total supply of 3 billion

90 million (3%) AXB tokens will be up for contribution at the Pre-TGE

1.8 billion (60%) AXB tokens will be up for contribution at the TGE

330 million (11%) Will be set aside for the Super Driver discount fund

300 million (10%) Will be set aside for future Super Drivers not able to participate in the TGE

330 million (11%) Will be set aside for partners and advisors

150 million (5%) Will be set aside for bounty campaign participants

ABEE Foundation token generation event (TGE) will be comprised of four rounds:

Pre-TGE - 1 AXB token = \$.0085 cents

Round 1 - 1 AXB token = \$0.01 cents

Round 2 - 1 AXB token = \$0.02 cents

Round 3 - 1 AXB token = \$0.022 cents

All transactions with the QRC20 AXB tokens will be viewable on the QTUM block explorer.

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These tokens have been created to provide riders and drivers of the platform added features, a deeper level of association and to reward users for contributing to the platform. Drivers that hold \$750 worth of AXB tokens for one year, which will be roughly 75,000 tokens during the first round of the TGE, will obtain the status of Super Driver. Drivers can purchase AXB tokens for a Super Driver status right away or they can earn AXB tokens alongside bonuses for completing passenger pick up goals every day, week or month. Drivers can then use those AXB tokens for a Super Driver status in which they gain one year's worth of discounts.

Riders who verify in-vehicle advertisements for AXB tokens credits are securing the focused attention advertisement medium which both drivers and companies will utilize for engaged exposure with their message and brand. Riders can then use their AXB credits for future discounted rides or even free rides. This is a unique feature of the application, as ABEE is committed to giving its users the greatest benefits in order to upgrade their user experience.

ABEE Rideshare is coming out of pocket to cover these discounts, which is why ABEE will be allocating 11% of AXB tokens into a designated AXB wallet to fulfill driver discount requests for years to come and will be frozen until the platform is up and

running. In addition to securing the driver discount feature, this 11% will also be used to cover rider compensation when validating their drivers' in-vehicle advertisements. 10% will be set aside for future Super Drivers not able to participate in the TGE. Another 11% will be split among the original founding group and future team members as compensation for their dedication to the project. Lastly, 5% will be set aside for bounty campaign and participants that help with ABEE brand awareness.

3.4) How On Trip Ads Work

On Trip Ads provides another means of monetization for riders, drivers, and ABEE Rideshare. Companies will be able to gain a new and effective type of focused attention exposure, which is something that most companies cannot find easily or cheaply. If riders choose to do so, they can provide quick and seamless feedback to companies who are looking for consumer preferences on their products or services. Once completed, the riders will receive AXB tokens to use for discounted rides. ABEE drivers will also be compensated for each rider feedback. The riders will receive 47% of the On Trip Ads revenue through AXB tokens, 20% will be going to the drivers, and ABEE Rideshare takes 33%.

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3.5) ABEE Rideshare Passenger Rates

There are three main factors that have been considered when determining how to calculate the price of passenger rates for ABEE: base fare, cost per minute, and cost per mile. The base fare consists of the price for pickup. The cost per minute is from the start to the end of a trip, and cost per mile is the distance of the trip. Another factor that goes into fare rate is the cost of tolls or other applicable ride fees and these will be automatically calculated into the fare paid by the riders. ABEE Rideshare has incorporated a safe rider fee to allow them to cover costs such as background checks for drivers and vehicles checks. ABEE Rideshare fares will be at a 9% discount to Uber to incentivize rides on the ABEE Rideshare platform when first launching in a city and once at scale, the fare will float back to competitive rates.

To give users more options on how to customize their ride experience, we offer three vehicle options that riders can choose from when choosing their trip. These options are: ABEE (Sedan), Premiere (Luxury), and XL (SUV). The total fares mentioned in the paragraph above will differ based on the vehicle option that the passenger selects.

With all of these variables considered, a payment for a trip is calculated by the use of

the following formula:

(Base fare + cost per minute + cost per mile+ safe rider fee) + tolls (if applicable)

Here is a chart illustrating the breakdown of rates and options offered by ABEE Rideshare in Bogotá, Colombia.

	ABEE	Premiere	XL
Base Fare	\$0.45	\$0.55	\$0.75
Cost per minute	\$0.06	\$0.12	\$0.19
Cost per kilometer	\$0.15	\$0.22	\$0.30
Safe Rider Fee	\$0.20	\$0.45	\$0.55

It is important to note that the cost of these fares and fees will differ from city to city. For example, the rates in New York City would be much higher than in Bogotá.

4) ABEE TGE & Fund Allocation

The ABEE Foundation will immediately document all use and allocation of funds. The contributions will be used for funding ABEE companies, marketing, application development, and legal representation. ABEE Rideshare takes the utmost precaution with contributor funds and is prepared to display all activities and steps towards the advancement and launch of the platform.

The allocations of funds will be as follows:

- 50% to ABEE companies
- 25% to ABEE VC
- 20% to Research and Development
- 5% to Legal Representation

Marketing

The ABEE Foundation will fund ABEE Rideshare's marketing campaign which will begin with a range of demographically targeted content explaining and showcasing the platform's functionality as well as help build the ABEE brand through advertisements.

The campaign continues with eight launch events around the US and strategically chosen cities around the world, aimed at promoting both driver awareness and rider

inclusion; letting drivers and riders know all the incentives that they will receive by using ABEE Rideshare. Awareness is also created through an ABEE Ambassadors team that is strategically advancing the ABEE brand 24/7 through various advertising channels and techniques. Generating awareness around ABEE will simultaneously bring people into the ABEE VC ecosystem.

Application Development

The ABEE application development process will include:

- Integration of rideshare framework functionality (i.e. accessing phone functions such as camera, contacts, GPS, UI etc.)
- Server back end integration
- Ensuring the ABEE network has been properly stress tested internally and also vetted externally by third parties
- Application interface design and necessary app store integration tasks
- QTUM smart contract development as well as distributed network testing and planning
- Mapping projects to gather independent analytics
- Security protocols to protect users' information

Legal Representation

In order to ensure that ABEE Rideshare and other ABEE companies can be widely available for use internationally, a strong legal team is necessary. Legal representation allows assurance that all state and federal laws and rules of conduct are complied with around the world.

5) ABEE Rideshare's Technical Infrastructure

ABEE Rideshare is a mobile application and will need to access and facilitate similar smart phone functionalities as other rideshare services do. Typical smart phone functions such as utilizing phone data networks, cameras, GPS, call functions, messaging capability, etc. will occur on the app. This is the rideshare skeleton layer of the ABEE Rideshare app that will allow for transportation activities to take place. This layer is connected to the ABEE Rideshare network, enabling the application to engage in global interactions.

ABEE Rideshare's second layer integrates an oracle structure to easily mix decentralized and centralized code allowing QTUM-based smart contracts to query and obtain data from centralized servers. For example, when drivers complete a ride, they will have the option to accumulate AXB tokens or to receive the full fare they've earned. When a driver accumulates AXB tokens in this way, a smart contract will pull AXB tokens from the AXB wallet automatically and transfer them to the driver's wallet immediately. This data access will be limited and user information will be kept confidential. Users will be able to verify that their own information has not been downloaded and/or altered, thanks to the use of hash functions. ABEE's third layer will consist of the use of DASH cryptocurrency wallets.

5.1) ABEE Rideshare Maps

The mission of ABEE Rideshare is to provide an extremely competitive platform that undercuts and performs with its competitors. Mapping techniques and API integrations are how ABEE will sustain a stable and reliant mapping system that allows drivers to complete their duties in an efficient manner.

ABEE Rideshare will utilize current Google APIs to allow the platform to run smoothly while the team is underway with an internal mapping structure that will allow ABEE Rideshare to have independence and use internally created mapping analytics. This mapping program will begin three months after the ABEE Rideshare platform launches, beginning in Phoenix and Los Angeles, then expanding from there. ABEE sponsored vehicles will be deployed into each city using technology such as Lidar, GPS, wheel encoders, and 360 degree AR/VR cameras.

Lidar – (Light Detection and Ranging) is a form of laser scanning. It's similar to a radar, but it uses light instead of radio waves to detect objects and their distances. The Lidar sensors provide precise measurements of the road and its surroundings, including curbs, sewage and drainage channels, even potholes with millimeter accuracy.

360 degree AR/VR cameras – Each camera has 60 to 120 degrees' field of vision and are placed at 60 degree angles to each other. When stitched together, the cameras will provide "a 360 degree/hemispherical type virtual reality view of the world." This will provide a much more visual and appealing map for drivers.

GPS/Wheel encoders – The GPS and wheel encoders keep track of the vehicles movements and provide the "ground truth" to the maps being generated by other sensors. This will allow all equipment to cross-reference each other and provide quality information for ABEE's mapping system.

6) User Voting

In hopes of providing an inclusive, interactive platform for all passengers and drivers, ABEE Rideshare allows users to vote on the upgrades they would like to see implemented. On the first day of every 2nd month, platform users will be able to vote on submitted proposals for upgrading the platform. Users will not need a stake to participate, anyone who uses the platform can vote and the vote will be tied to their profile. ABEE Rideshare sees this as an addition to its transparent and user-oriented vision. It is important for the platform to understand exactly what should be improved on to provide the best user experience possible.

7) ABEE VC

As the ABEE Rideshare and ABEE companies capture market share, ABEE Foundation's Venture Capital ecosystem will be implemented to give drivers who have been driving for ABEE Rideshare for more than 10 months and any rider who has taken at least 500 rides with ABEE, the ability to submit their business proposals with a potential of up to \$1 million in funding to the best startups in exchange for equity to the ABEE Foundation. This helps ABEE companies gain valuable users, while bringing people into the ABEE VC ecosystem in parallel.

8) ABEE Roadmap

2017 - Q1

Inception

- Inception of concept, groundwork being laid and prototype creation
- Building team and network

2017 - Q2

Analysis

- Market analysis and research
- Strategic plan with launch cities and app

2017 - Q3

Design

- ABEE Rideshare platform design
- Building MVP

2017 - Q4

Development

- GUI design completed
- Front end development initiated

2018 - Q1

Development

- Back end development begins
- User feedback assessment
- Beginning of marketing strategy

2018 - Q2

App & Expansion Preparation

- ABEE app is launched to app stores
- ABEE initiates legal framework for international expansion
- Prep and groundwork for expanding into new cities laid out
- City launch events planning
- Data center server

2018 - Q3

Integration

- Dash payment integration
- On Trip Ads platform integration
- 3rd party network stress testing
- Strategic marketing for drivers and riders
- Setting groundwork for first launch city

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2018 - Q4

Preparation

- Insurance for ABEE Rideshare
- Small ride demos for ABEE Rideshare
- ABEE Foundation prepares for Token Generation Event
- Development continues

2019 - Q1

Token Generation Event

- ABEE Foundation TGE Begins
- Launch of ABEE Rideshare platform
- ABEE special launch events start
- Strategic marketing for drivers and riders

2019 – Q2

Marketing



- ABEE Foundation begins ABEE VC
- ABEE Rideshare begins major marketing campaign
- ABEE Foundation begins think tank role

2019 - Q3

Expansion

- ABEE Rideshare expands to second city
- First applicants from ABEE VC to be assessed