A voucher system for car pools

Simon Wimmer, Thomas Wernbacher, Constantin Kraus

RIDE2PARK
Problem, Solution, Use Case, Stage, Team

Ride2Park:

- **How can citizens contribute to social transformation for a climate friendly transport system?**
- **Obstacles**
  - people are in love with their cars,
  - associate them with independence,
  - infrastructure of public transport not always available.
Problem, Solution, Use Case, Stage, Team

- Behavioral change through **nudging**, **gamification** and **validation**.

<table>
<thead>
<tr>
<th>Win the Lottery</th>
<th>Get Vouchers</th>
<th>Join a Car Pool</th>
<th>Spare costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Drivers</td>
<td>• Drivers &amp; Co-Divers</td>
<td>• Validate Ride</td>
<td>• for yourself &amp; everyone else</td>
</tr>
<tr>
<td>• Co-Drivers</td>
<td>• Discounts</td>
<td>• Check-In/Check Out at Exit Points</td>
<td></td>
</tr>
<tr>
<td>increase the chance of winning</td>
<td>• Loyalty Pass</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• + Reverse lottery</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Today I am ...

Driver

Co-Driver

Co-drivers check in

1 of 5 co-drivers

Scan a drivers code
“Reverse-Lottery” losing the lottery brings loyalty points.

Only 3 more rides as a co-driver to your free coffee

Noncash prizes!

Every ride as a driver increases your chance for the weekly lottery. Additional co-drivers boost your chances even more!

Scan the check out
Today's shared ride gives you a 20% discount at "your P&R Cafe".

If you drive your car alone it costs about 55 cents every kilometer.

Tom
Level 3

Anna
Level 2

Saved 100.53€
Problem, Solution, **Use Case**, Stage, Team

- Providing a secure, decentralized and transparent validation system using Ardor as energy efficient proof of stake blockchain
- Generation of utility tokens for check-in and check-out as well as for vouchers
- USP:
  - transparent & secure handling of vouchers & discounts
  - bundling account processing all transactions
  - validation of rides via QR code scan
  - no geofencing needed
Problem, Solution, Use Case, Stage, Team

- Concept born at Climathon Graz
- 5k for prototype TRL Level II
- 30k for prototype TRL Level III
- Current tasks: Conceptualization & Design
Problem, Solution, Use Case, Stage, Team

Ride2Park (The idea)
- Thomas Wernbacher, Constantin Kraus, Simon Wimmer

Dundees (The startup)
- 100% self-funded
- “social hacking for the good”
- [https://www.dundees.at](https://www.dundees.at)
Let’s achieve social change not climate change!

https://www.dundees.at

dundees@dundees.at