Radek Janku
CEO
BattSwap

fast & affordable energy recovery for electric vehicles.
Problem of shared mobility

- **Instant** energy transfer for autonomous EVs with **24/7** operation

- **$50B**
  - **UBER, LYFT, DIDI**

- **$250B**
  - **ENERGY, SHELL**

- **$100B**
  - **FORD, VW, NISSAN**

- **$ ? B**
  - **GOOGLE, APPLE**
Solution

Battery Swap System

- **100%** Automated
- **Ultra-Fast** (30 sec. full swap)
- **Very Low Costs** (10x cheaper than Supercharger)
Team

RADEK JANKU
- CEO
- 15Y R&D management

MARTINA MULCAHY
- IP operation
- 25Y IP patent attorney

PAVEL SANTORA
- Chief engineer
- 40Y industrial automation

SKANSKA
- GlaxoSmith

US advisors
- 3
- Ex Better Place

ext. advisors
- 6
- VADAS BEST
Market

2019 - 2.0M Electric vehicles *
2025 - 5.0M Electric vehicles *

Volkswagen – 25% VW cars - fully electric by 2025 *

1 Million Electric vehicles require BattSwap **

(*) Global EV Outlook, UBS Estimates, VW (**) BattSwap estimation
## Competition

<table>
<thead>
<tr>
<th>Station</th>
<th>Time to “refuel”</th>
<th>Station costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battswap</td>
<td>30 SEC.</td>
<td>$50K</td>
</tr>
<tr>
<td>Swap Station</td>
<td>90 SEC.</td>
<td>$500K</td>
</tr>
<tr>
<td>Super Chargers</td>
<td>30 MIN.</td>
<td>$500K</td>
</tr>
<tr>
<td>Fuel Station</td>
<td>5 MIN.</td>
<td>$1,000K</td>
</tr>
</tbody>
</table>
Market Opportunity

Shared mobility

Car OEMs

Stealth projects

Energy groups
Revenue models

• License fees – car OEMs – each EV with BattSwap
• Subscription fees - mobility providers – affordable mobility

Value – savings on Total costs of Ownership

2020 BattSwap revenue $20M
Traction

- Fully working **Prototype** ready + **Patent** pending
- Approved by **European Space Agency** incubator
- **MOU** with French ministry
- BattSwap office in **Silicon Valley**
- Raising **$4M** – production ready & scalability