UNDERDOGS, MISFITS + THE ART OF BATTling GIANTS
WE'RE ON A MISSION to increase the uptake of electrifying two-wheel machines, while pushing their innovation to the next level. We are Australian owned and operated, innovators and builders, for the future.

UNDERDOGS, MISFITS + THE ART OF BATTling GIANTS

Testing at Eastern Creek July, 2019
We’re on a mission
to increase the uptake of electrifying two-wheel machines
pushing performance to the next level
We are riders, innovators and builders
Australian owned and designed, for the future
BRINGING A PRODUCT TO MARKET

Harley Livewire

2014 - Prototype / Demo Released

Photo: EICMA Milan Motorcycle Show, November 2018
PROCESS

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<th>ANALYSE &amp; IDEATE</th>
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<th>IMPLEMENTATION</th>
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<td>Market Analysis</td>
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Evolution of Fonzarelli

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<tr>
<td>Fonzarelli 125 AKA ‘The Suitcase’</td>
<td>The distinctive X1 build is elegant engineering, high performance and sustainable ride</td>
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<td>Incorporated company + began R&amp;D</td>
<td>Enjoy the freedom to roam on the Fonzarelli S1 @80 KM/H with 100 km range</td>
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<td>The flagship Fonzarelli Fz model is designed as the answer to apartment living with compact, portable Powerpacks</td>
<td>The next model is being dubbed a mini-moto. A hybrid bw scooter &amp; motorcycle</td>
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<td>Compact FZ PowerPack, designed to charge in or out of bike, ideal for apartment living</td>
<td>Pre-orders begin on 11 July 2019 with existing Fonz customers taking precedence.</td>
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<td>S1 Model, shares the same body &amp; frame as Fz, different Powertrain</td>
<td>X1, showing the rear mono swing arm, motor &amp; mono shock absorber</td>
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PRODUCTION
Greg McGarvie

ACE-EV
Opportunity Knocks Once

New jobs - 5-10 for every 100 EV’s

New industry - Wingfield South Australia

New urban transport - nimble, clean

New low energy EV production - 1/3 energy to build
ACE Cargo
Arrived 14th of March
6 boxes plus shell
Assembled and driven
First time 20th of March
The team
First and only service for 3-5 years depending on Treatment and usages

Typical running costs if Charged from Home PowerPoint

$36/1000 klm
Dr John Hewson
Australian Launch
ACE Cargo
International Convention centre
Darling Harbour
April 2nd
ACE Cargo

Interior
CARBON FIBRE 2.4 TIMES STRONGER THAN STEEL
Electric Vehicles

The Future for Asia and Australia
A Cleaner future with ACE-EV Group

CGS (Cradle - Grave Solution) - recycling components, part of the sale.

ELO (Embedded Life Ownership) part of being in the ACE Family. It means the choices for mobility are personalised.

eMobility as simple as buying a mobile phone.

Future trends - your transport is another app, your transport will come to you, your IPad or Android is a computer, a communicator and your transport management hub.

Future ACE model design can be personalised, customised, then printed.
ACE-EV BoW PLATFORM
ACE-EV BoW PLATFORM

**IoT Devices**
- Vehicle Monitoring
- Traffic Monitoring

**User Interface**

**ACE BoW Portal**
- Service & Warranty Management
- Fleet Management
- Charge Management
- Order Management
- Book & Go Rental
- User/Driver Registration & Admin
- Dashboard Reporting
- Vehicle Monitoring
- Emergency vehicle access
- Smart/Digital Contract Management

**BoW (Business on Wheels)**
- BYO Device - Mobile or Tablet
- Book & Go Rental
- Secured Device for Fleet Services
- Handsfree/Voice Activated/Chatbot FAQ’s
- Vehicle Operation, Keyless Access, Stop, Start
- Vehicle Monitoring
- Dashboard reporting
- Charge Card & Location information
- User/Driver Registration
- Connect to your own business applications with seamless integrations using API

**Cloud based Platform as a Service (PaaS/SaaS)**
- (Auto Scaling)
- Securely hosted in cloud
- 99.99% availability
- Auto-scaling to accommodate unlimited data
- Hosted in private cloud ensuring data security and privacy
- Data Analytics and reporting using advanced analytics tools and methods (AI, Machine Learning)

BlockBit Solutions - ©2019
VPP - Virtual Power Plants

VPPs connect neighbourhoods to local energy networks, operating independently of the grid at selected periods of time.

The local energy network is independent from the grid supply, providing local share energy between households.

The VPPs are decentralized and owned and run by each business entity.

VPPs comprise compatible technologies, solar panels, electric vehicles, heat pumps and storage batteries, cleverly harvesting and distributing clean energy to the community.
Energy and Income with the ACE Cargo

- Energy extracted from V2G Electric Vehicles can power entire buildings at critical times which will provide investors an additional revenue of $1000-2000 pa from their asset.
- The VPP proposal will include a locally made electric van which can be shared between residents or hired out when not required for back up storage to the 12kWh batteries at every V2G parking bay.
- A fully functional VPP is expected to reduce electricity costs by over 40% when aggregated with other city VPPs to access wholesale electricity prices.
“We are running the most dangerous experiment in history right now, which is to see how much carbon dioxide the atmosphere can handle before there is an environmental catastrophe.”

- Elon Musk
WHAT THE HELL CAN WE DO?

IS THERE AN EV INDUSTRY FOR AUSTRALIA?