



The future of Charging

Nov, 2018

**Imagine what you can
do in 5 minutes?**



Engage in
breathing
meditation



Drink a glass of
water



Stretch!



Chat with best
friends...

And fully charge your
car...



A team of organic chemists, material scientists and device engineers is making it happen...



About StoreDot



StoreDot at a Glance

- Founded in 2012, Herzeliya, Israel
- Raised to-date \$130M
- Diverse team of 95 professionals (25 PhDs)
- Strong IP portfolio
 - 29 granted patents
 - 65 in process
- Unique eco system coverage with strategic investors



DAIMLER



Why are we Unique?



Fast Charging focus
as opposed to Energy
Density



State of the art R&D
labs, organic synthesis,
scale-up and pilot
production facilities



Innovation across all
battery elements:
Anode, Cathode,
Electrolyte, Formation



From molecule to battery
in a closed loop, rapid
development and
prototyping process



...with a unique combination of
chemistry and nanotechnology talent...

... and organic chemistry and nanotechnology state of the art facilities

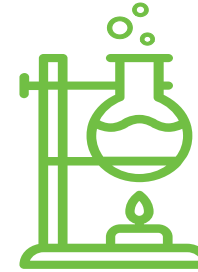


Flash Battery Technology

Why is our Flash Battery Technology Superior?



Ultra Fast Charging:
Battery is fully
charged in 5 minutes



Innovative formulation
optimized for:

- Cycle life
- Energy density
- Safety



Organic compounds
combined with treated
nano-materials, all
proprietary



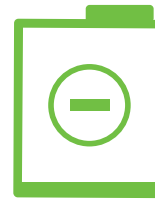
Scalable production,
utilizing existing
manufacturing facilities
with minor front end
modifications

Holistic Approach to Ultra Fast Charging



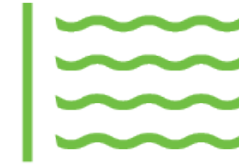
Anode

Layered nanoparticles, coated and embedded in organic conductive matrix



Cathode

Synthesized Li Metal compounds with enhanced stability



Electrolyte

High voltage capability, enhanced safety with dendrite prevention



Structure

Electrodes, tabs, stacking
Designed for Ultra Fast Charging pouch



Cell Manufacturing

Aqueous, non-toxic electrode manufacturing, thin layer coating

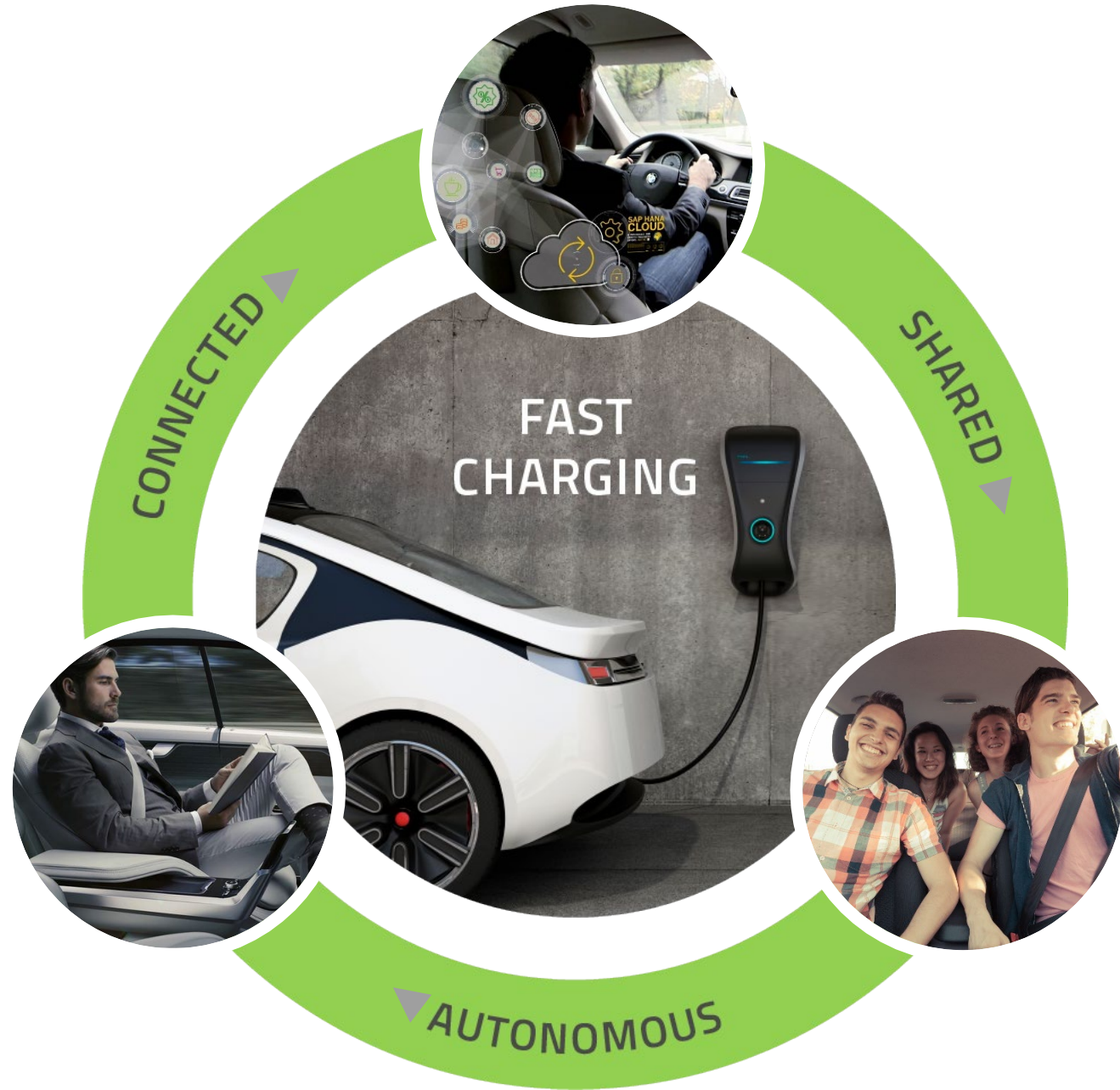


Electronics

Dynamic charging profiles with real time adjustments

EV Market

The Auto Disruption has Begun



High-Power Charging Stations are Here

40 KWh battery
can be charged
in 5 minutes

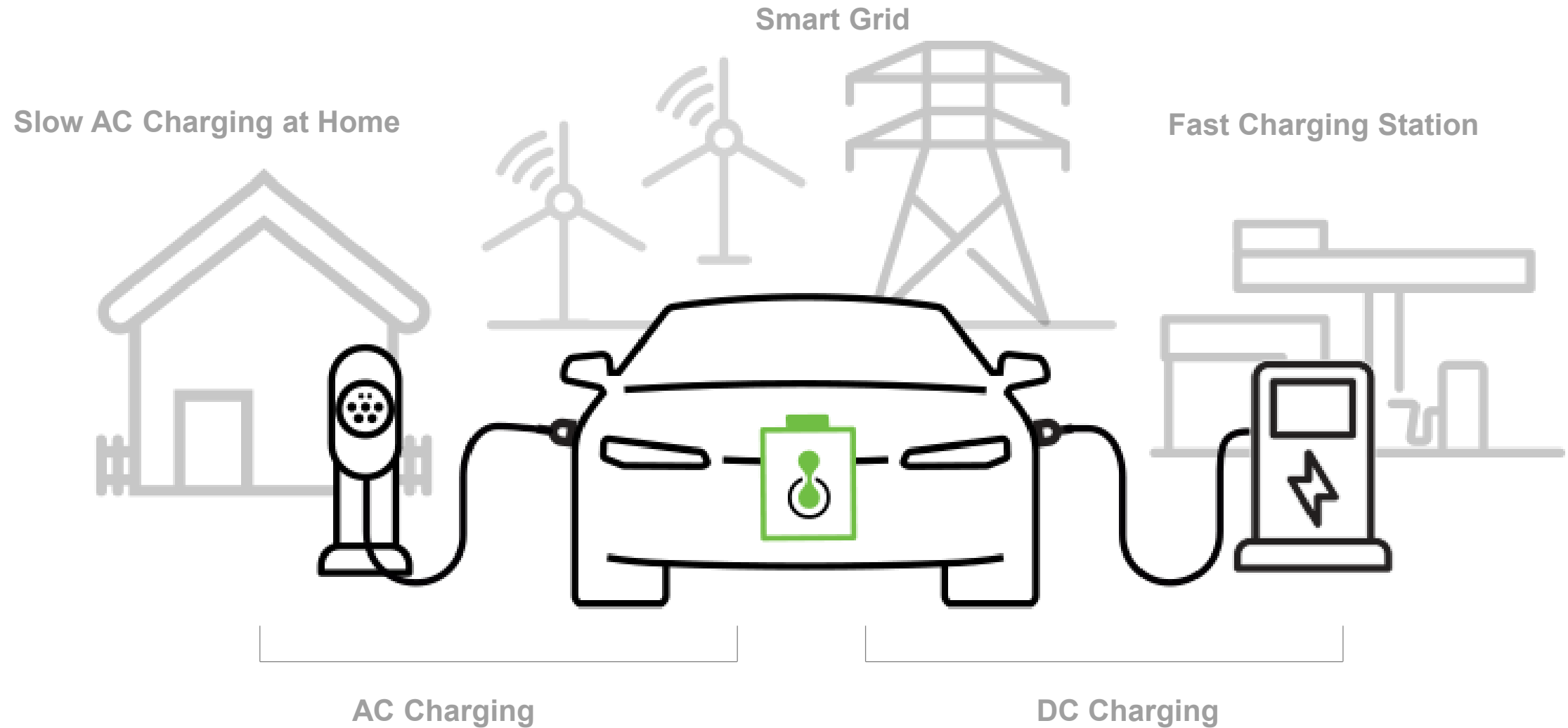


We need new
batteries to enable
ultra-fast charging



Ultra Fast Charging is
Only Possible with
New Battery
Technology

Flash Battery is the Missing Piece



Go to Market: From Smartphone to EV

Product Roadmap

2019



Gen 1

Metalloid Compound A

Premium Cost / Low Volume

2020



Gen 1.5

Metalloid Compound B

Attractive Cost / Medium Volume

2021



Gen 2

Metalloid Compound C

Li-ion standard Cost / High Volume

Target Markets and Strategy

Power Bank Market
Smartphone Market Penetration

Establish Technology Leadership
in Fast Charging

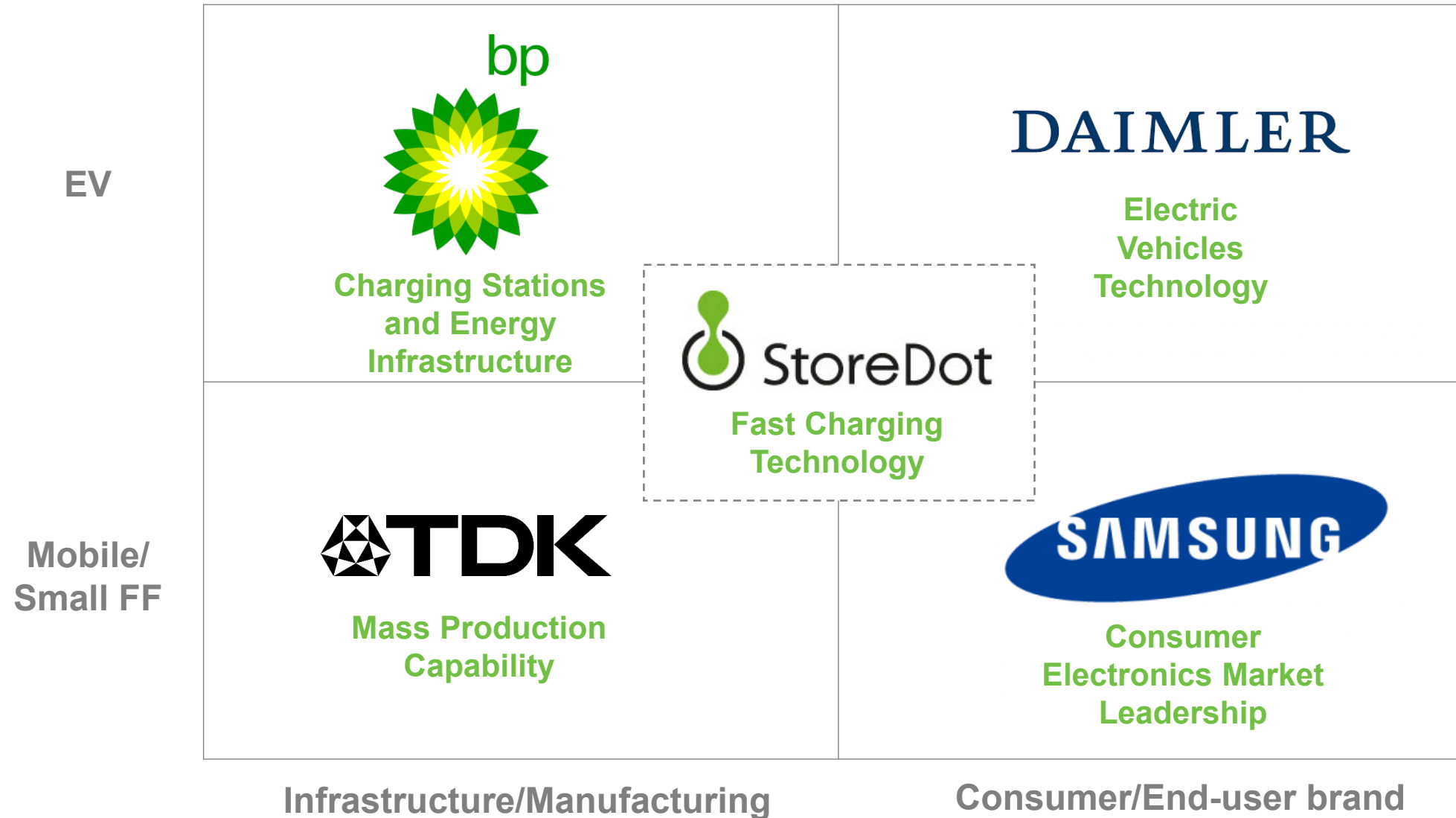
Smartphone Market

Become a
Fast Charging Standard

EV Market
Smartphone cost reduction

Establish Market Leadership
in EV Fast Charging

Comprehensive Partner Eco-System



The future of ultra-fast
charging is **closer**
than we think!





Thank You!

