Electric drive made TESLA the world's richest car company.

But there is much more to 'being mobile' than reducing car emissions.

Imagine a **'Beyond Tesla' EV** that addresses all other issues in personal mobility.

Problems that have been left unaddressed, already invited us to do things differently. **Climate Change** now urges us to come up with concrete solutions. Electric drive is not enough. Bear in mind:

Going from A to B is a Matter of Mass - Energy - Space - Time

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Vehicle mass not displaced = kWh not needed = GHG not emitted.

More than 60 percent of the electricity is still generated by burning fossil fuel sources.

Even if renewable energy takes over (differs per country)… why would you waste energy?

Secondly, **Vehicle size not displaced** = more efficient use of the present infrastructure.

Space: let's examine a popular EV. The Tesla Model 3 is wider than the driver is tall. 95% of the cars are! Which is like lying stretched out across a freeway lane, moving sideways. Not very smart to use costly infrastructure this way.

Energy: battery pack weighs 478 kg or 1054 lbs. That's 5-6 times as much as the driver weighs.

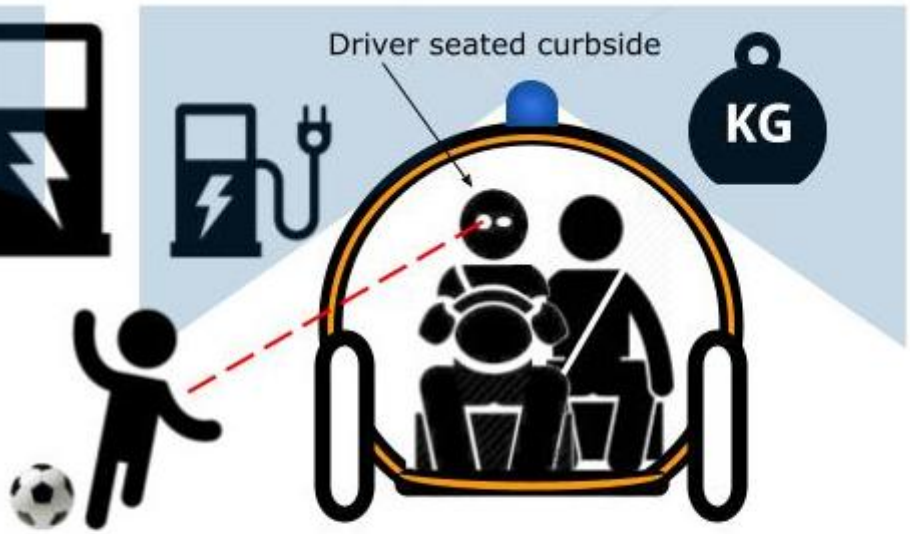
The Battery is an EV's most costly component. The smaller the battery, the more affordable the EV without subsidizing.

Mass: it weighs 3700 lb - the weight of having around 20 people onboard, moving back and forth with each trip, without ever dropping one off. A big waste of precious resources, since the average car trip consists of 1.1 person, average Uber trip of 1.2 passenger.

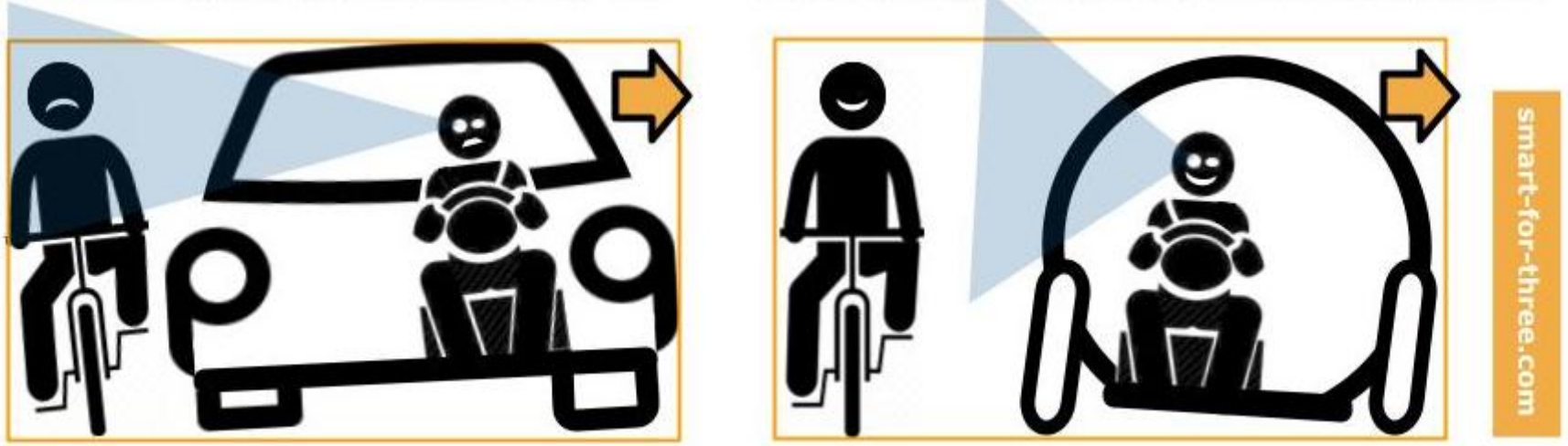
Can a 'Beyond Tesla' EV do with less energy, less space, less materials to make?

Even contribute to more road safety? Yes, it can. Below in a nutshell 'How?'

The typical car box shape is not conducive to combining lightweight materials and rigidity. The heavier the car, the more batteries it requires, the more road wear, the more rubber and brake dust airborne, the more metals need to be mined, the higher the grid demand, etc.



The unusual 3-seat layout enables a sleek build. A pod shape is stronger (airplanes are built cylindrical), a triangle base more torsion-resistant, which contributes to lightweighting, simplified manufacturing. The less space is being used, the more margin, the safer. To offset lateral forces, it leans into the corner.



Personal Mobility might 'learn' from what happened in Personal Communicating.

Personal Communicating benefitted from downsizing and reformatting, which gave us practicality, flexibility, and made us mobile. In 2007 **APPLE** surprised the world, disrupted the personal communication industry with the first smartphone. High time the personal mobility sector is shaken up by something game-changing too.
Notice the similarity: users (drivers), providers (carmakers, rental firms, Uber), bandwidth (roads), wireless (connected car).

Personal Mobility went the opposite way, adding size and weight, which ruins energy- and space efficiency, the greening of car travel and road safety. *Cars rule our lives.* The bigger the box in which people drive from A to B, the less road space is available, the more they become boxed in. More than 75% of the EU's and US' population resides in and around cities. Major EU cities like Paris, London, Barcelona, Berlin, Oslo favor micro-mobility solutions, and tend to curb car traffic and car parking.

Bicycles are great, and usage should be stimulated. But they do have their limitations when it comes to comfort, range, safety. What would be more logical than to downsize the car, ditch weight? There is a huge market between the bicycle and the obese car. The concept that's presented here is verifiably elementary, has already *received expert recognition*, and can serve many purposes. To continue the smartphone comparison: apps become 'physical enablers', including (Level 4) driverless.

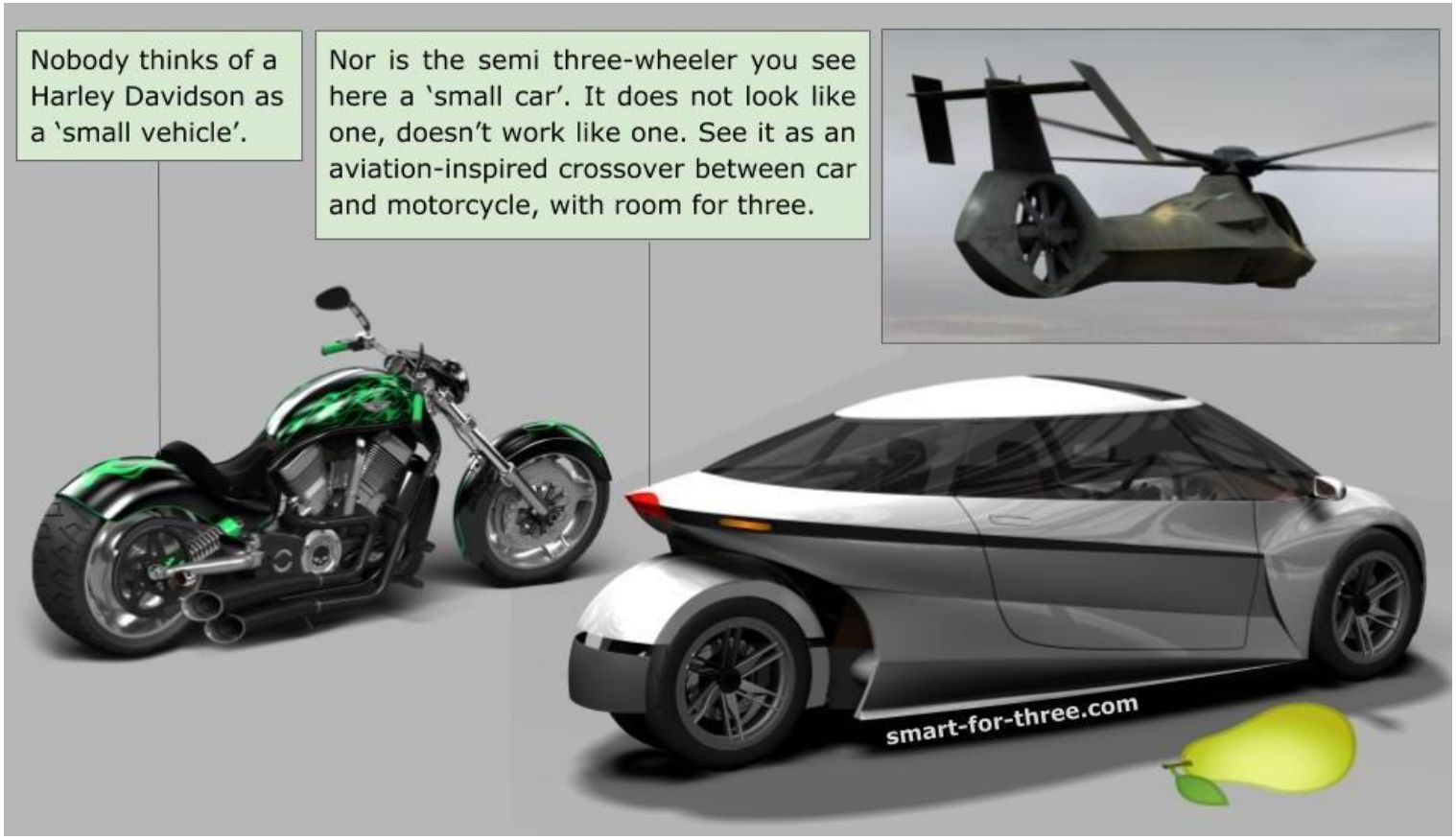
A lean, clean, green 'device' for Personal Mobility - It may well be 'The Next Big Thing'

New tech tends to reformat products - make them look and work differently.

The smartphone again is a good example. But a reformat also serves to avoid the 'small car' stigma.

Go to **'Next-Gen EV = Smart Mobility Appliance'** to read about what it should and can be about:

Space & Energy Efficiency - Safety - Fahrvergnügen - Ride-Hailing - Driverless - For Whom?.



Do you like the vehicle concept, the ambition behind it, and recognize its potential?

Do you think that car makers and tech funds have been missing the point so far?

Then help me network and develop **smart-for-three** further.

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Assessment / Decision Tree

Even if you don't agree, you probably don't object to seeing others drive green alternatives…

Do you agree that Personal Mobility and Car Travel can be vastly improved, at least lends itself to new, appealing alternatives that reduce our footprint?

Did you know that convincing **1 in a 900** prospective car buyers is enough to have a viable business?

No. We need more roads. Nobody determines my ride.

Depends. If others want to reduce their footprint, they go right ahead.

Yes, definitely. Plenty reason to do so.

- Climate Change *
- (Level 4) Self-Driving
- Next-Gen Ride-Hail cab
- Recharge & Transit Times
- More range out of each kWh
- Smaller battery > Lower costs
- More manageable grid demand
- Easier to find a parking spot for
- Distinctive looks, safe, practical
- Retrieve the fun that's been lost
- Allow more space for cycling, etc.
- More efficient use of the infrastructure
- Helps to reduce wear & tear of roads and bridges, since it lowers vehicle weight per person underway
- Safety Vulnerable Road Users (pedestrians, cyclists)
- Innovation | New jobs | Exports
- Investment potential of a 'Beyond Tesla' EV

* "The largest opinion poll on climate change found two-thirds of people around the world believe we are in a 'global emergency'. There is a disconnect between what people believe and what they do. The intention-action gap creates an opportunity for brands and sustainability professionals to act."

Do you agree that it's best to tackle issues simultaneously, and that a new EV's potential lies in doing exactly that?

*** Climate Change** (click)

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