

The

MOVEMENT

DESIGN

Bureau

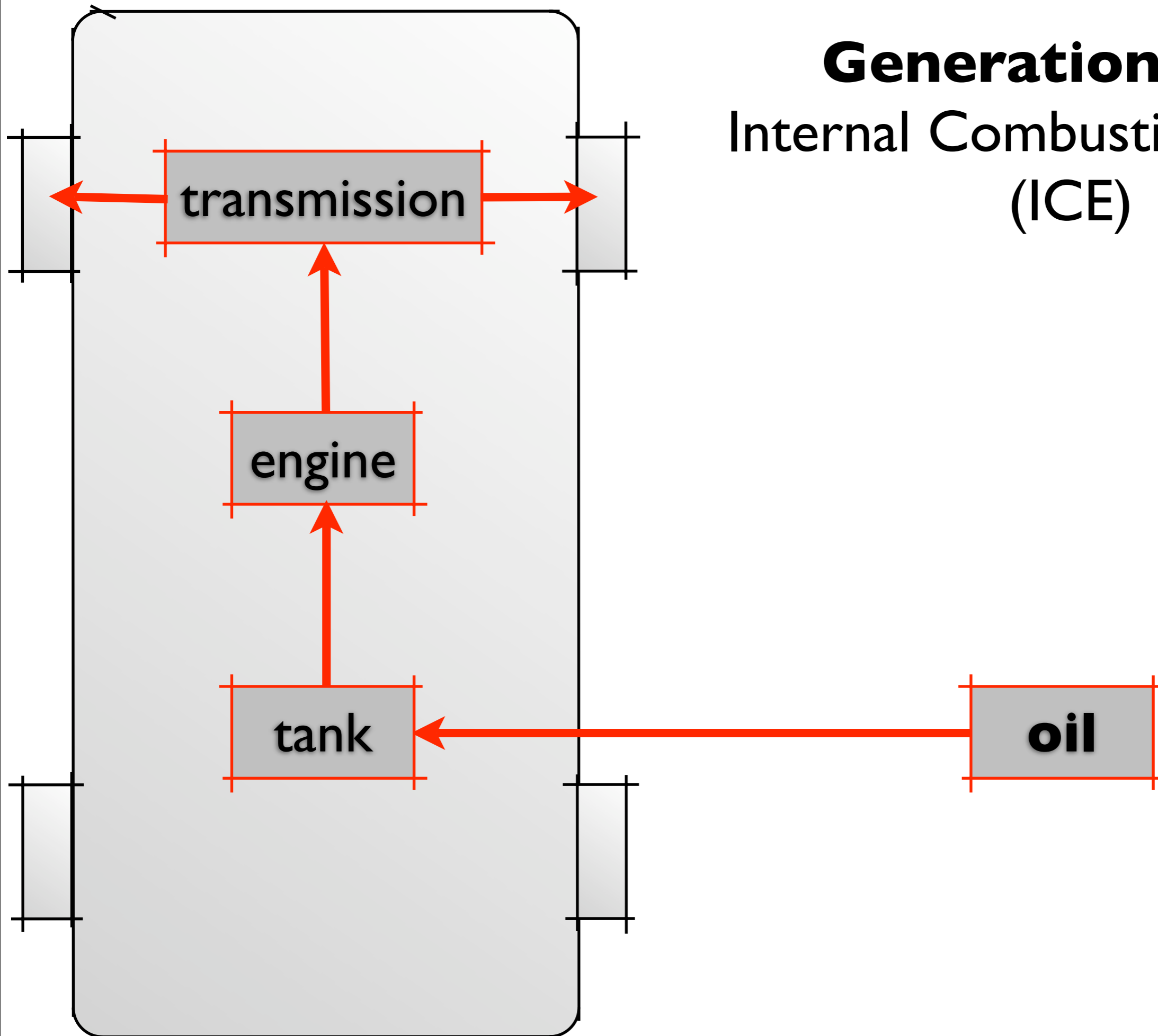
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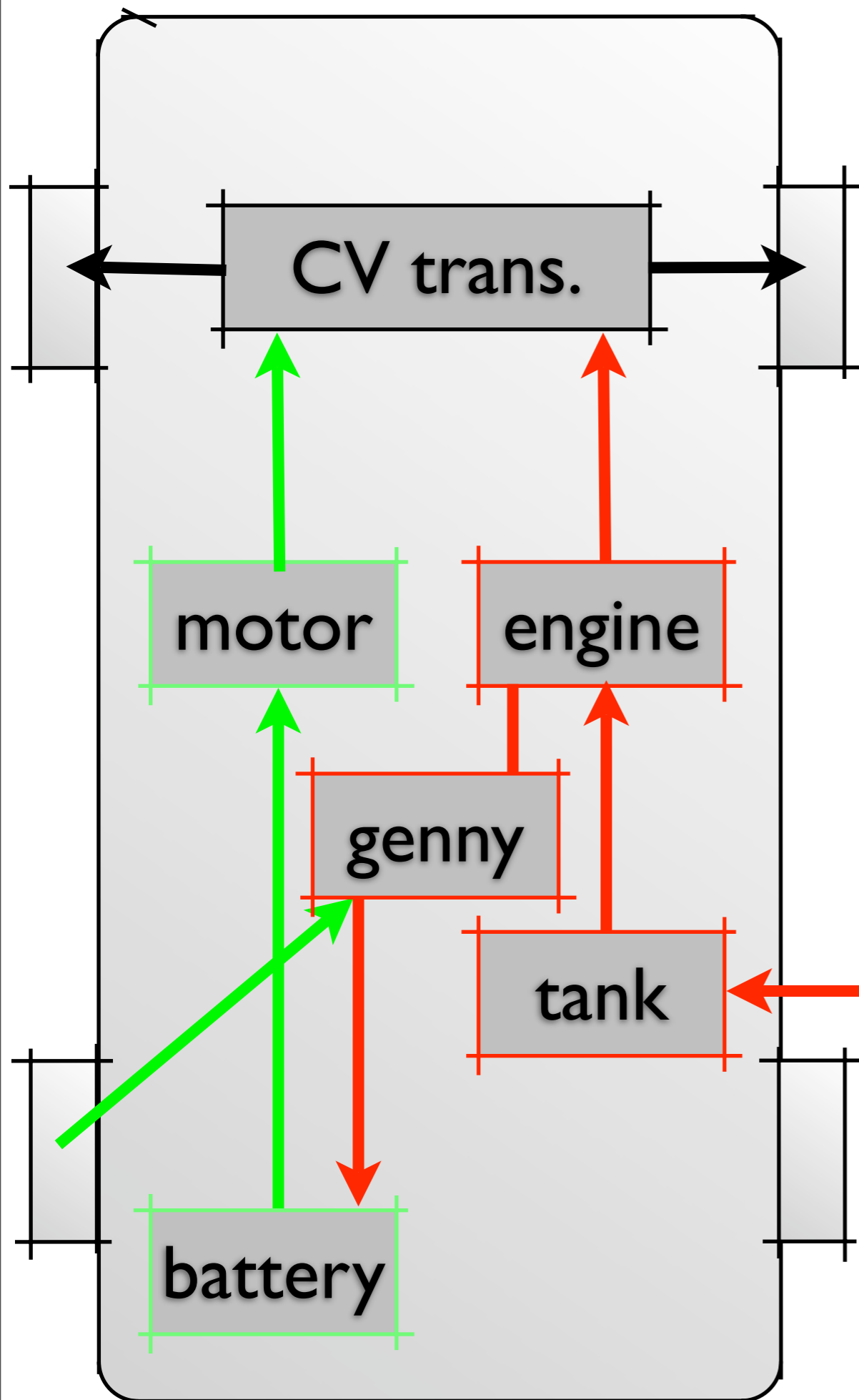


Towards Simplicity

the evolution of the electric vehicle

Generation One Internal Combustion Engine (ICE)





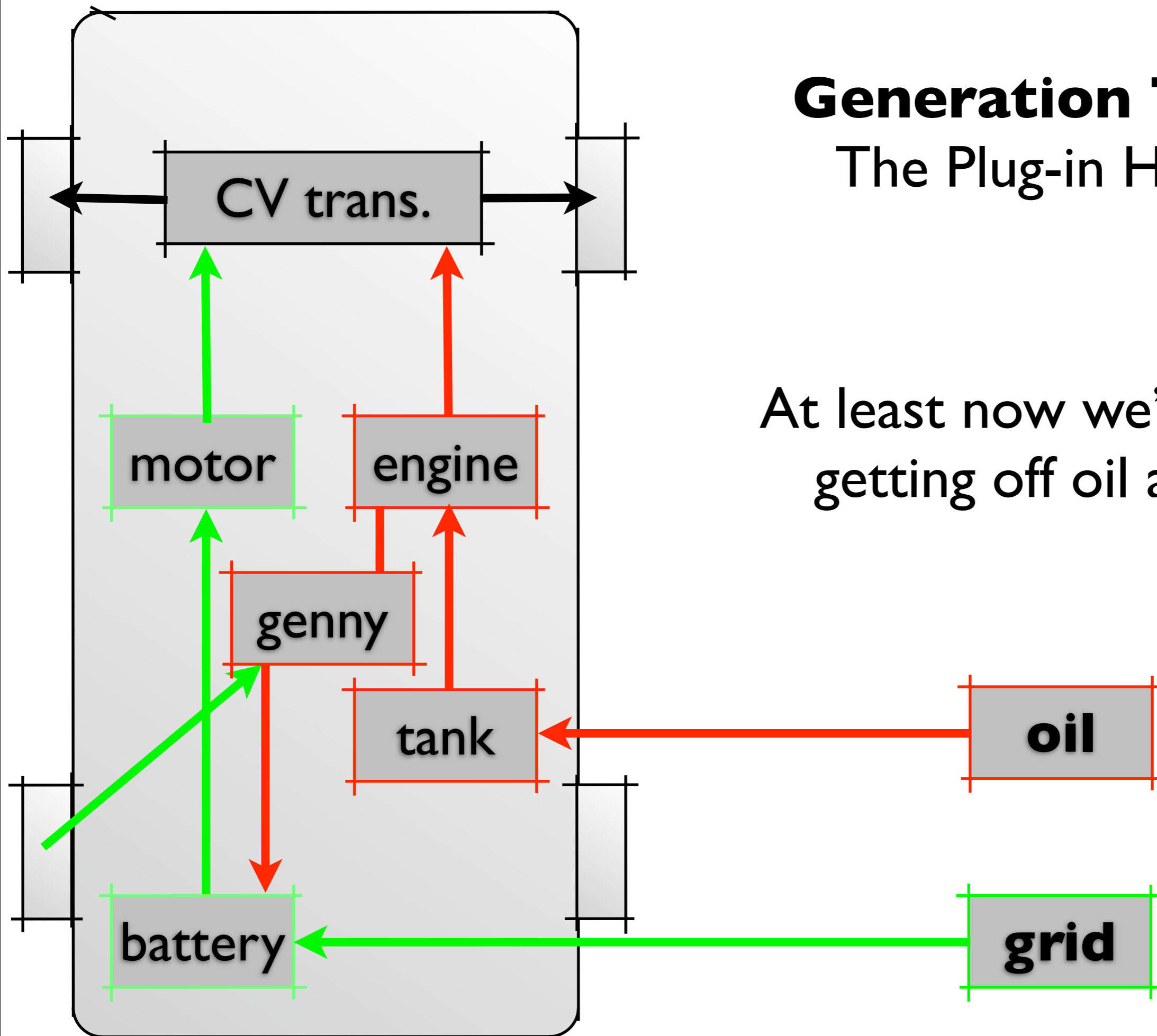
Generation Two The Hybrid

Two separate systems
run side by side
plus all the
interconnections.
Expensive.

Generation Three

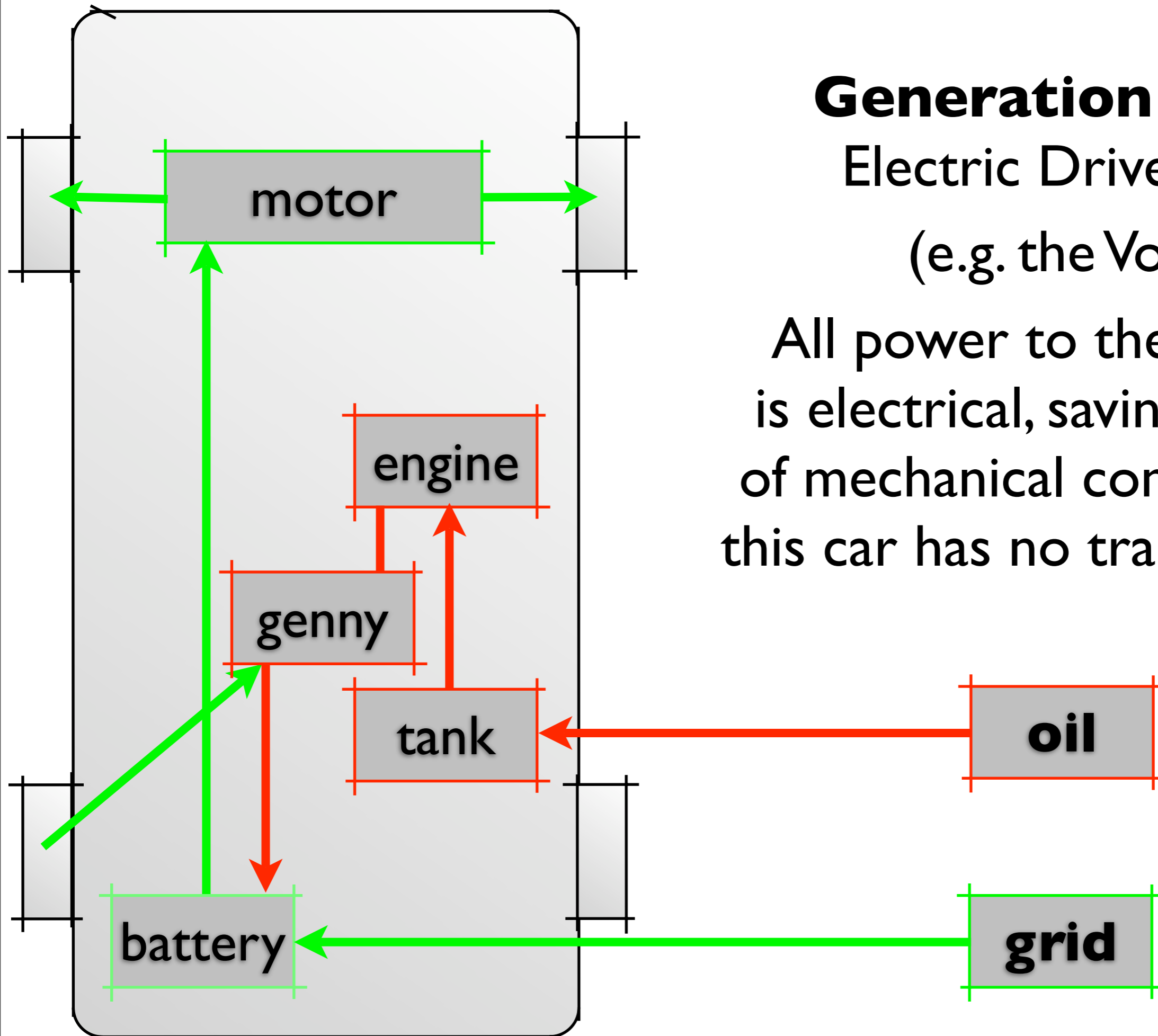
The Plug-in Hybrid

At least now we're finally getting off oil a little.

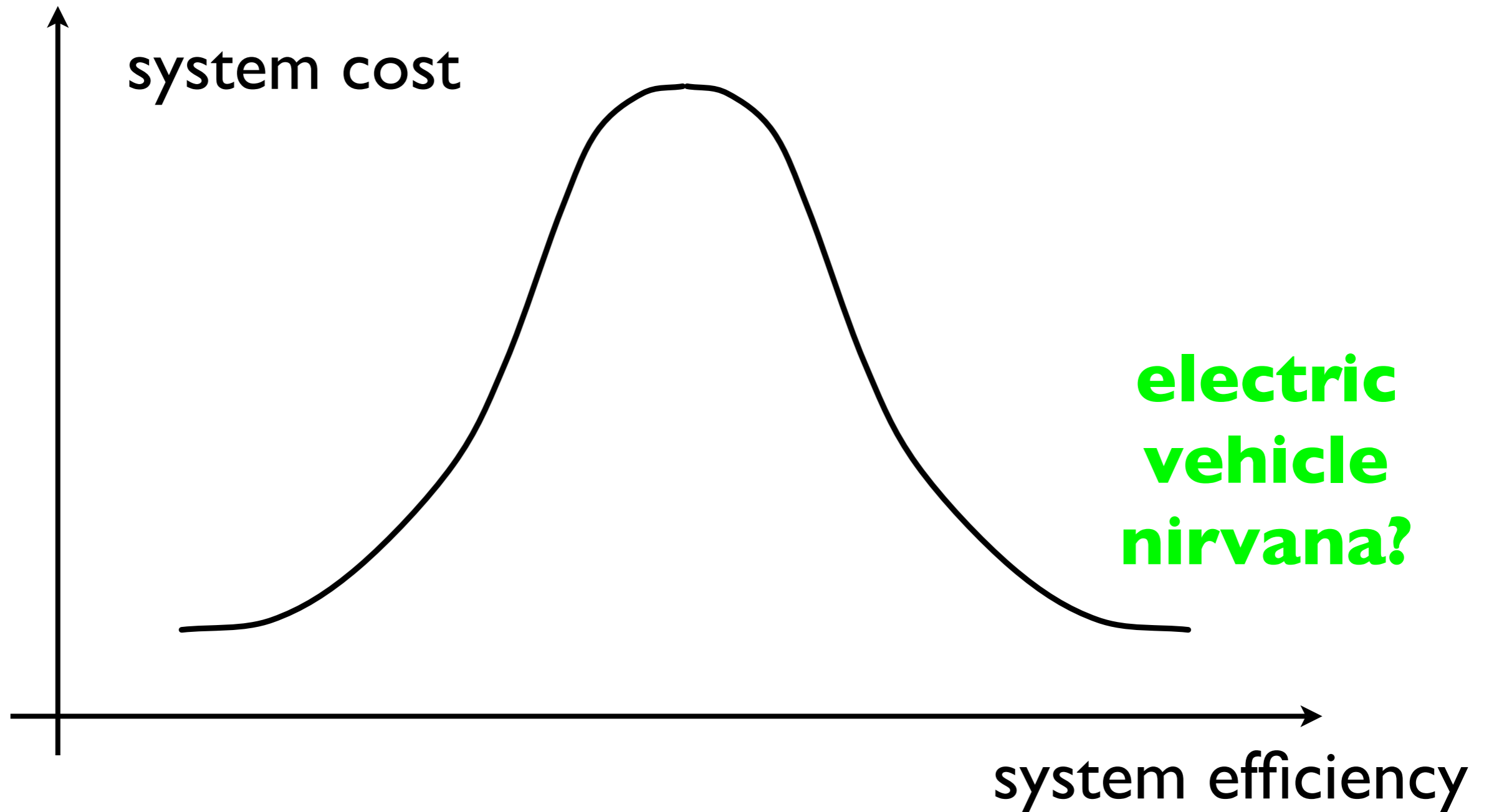


Generation Four Electric Drivetrain (e.g. the Volt)

All power to the wheels is electrical, saving on lots of mechanical components: this car has no transmission!



Can electric vehicles be cheap and simple?

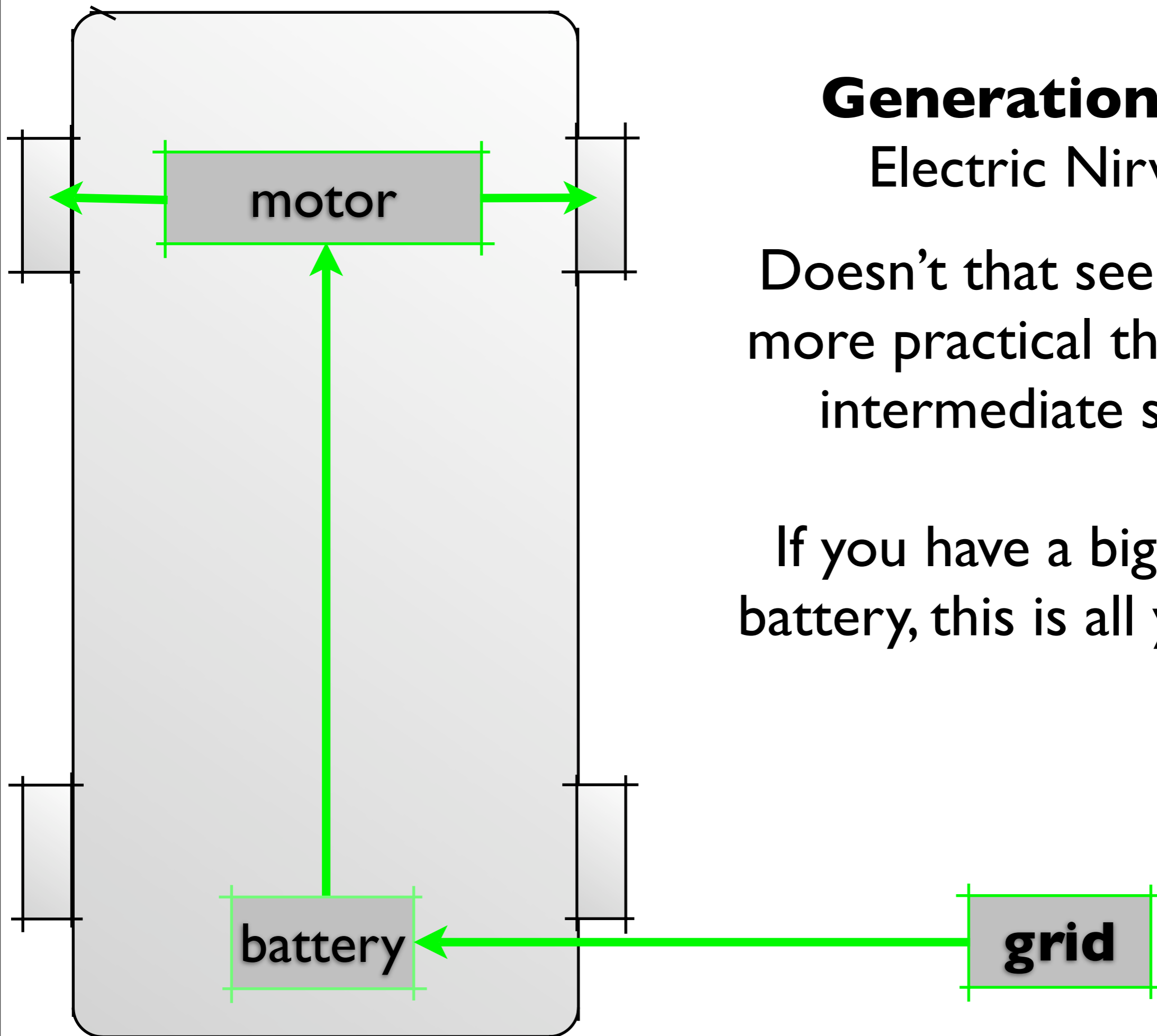


Generation Five

Electric Nirvana

Doesn't that seem a little more practical than all the intermediate stages?

If you have a big enough battery, this is all you need.



Six questions about the electric vehicle (EV)

- How big a battery do you need?
- Where do you charge it?
- What happens if you run out of charge?
- Can you swap in a full battery?
- How long will the battery last?
- What's the environmental impact of the battery?