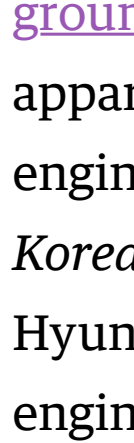
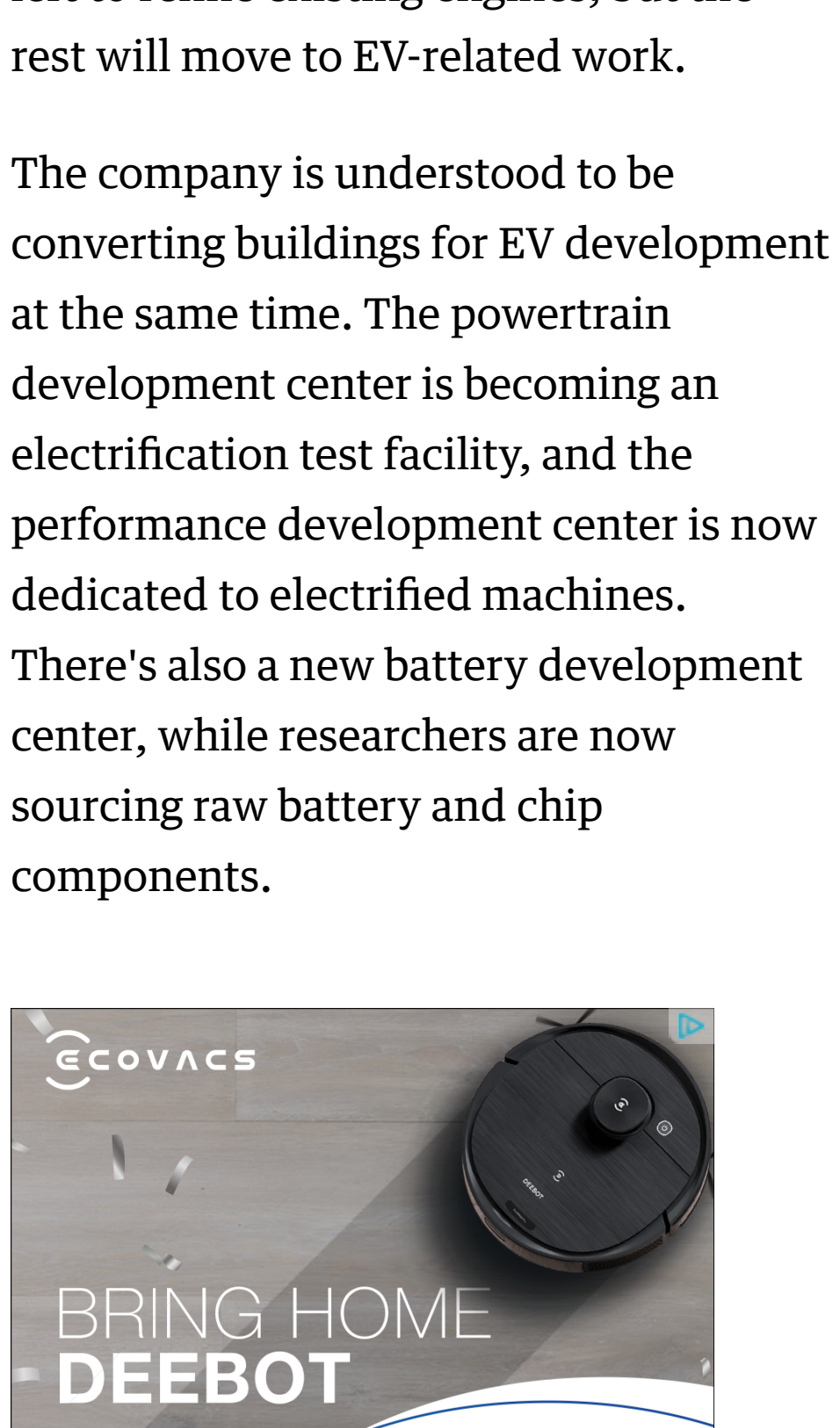


Hyundai reportedly stops developing new combustion engines

The automaker may be accelerating its transition to EVs.



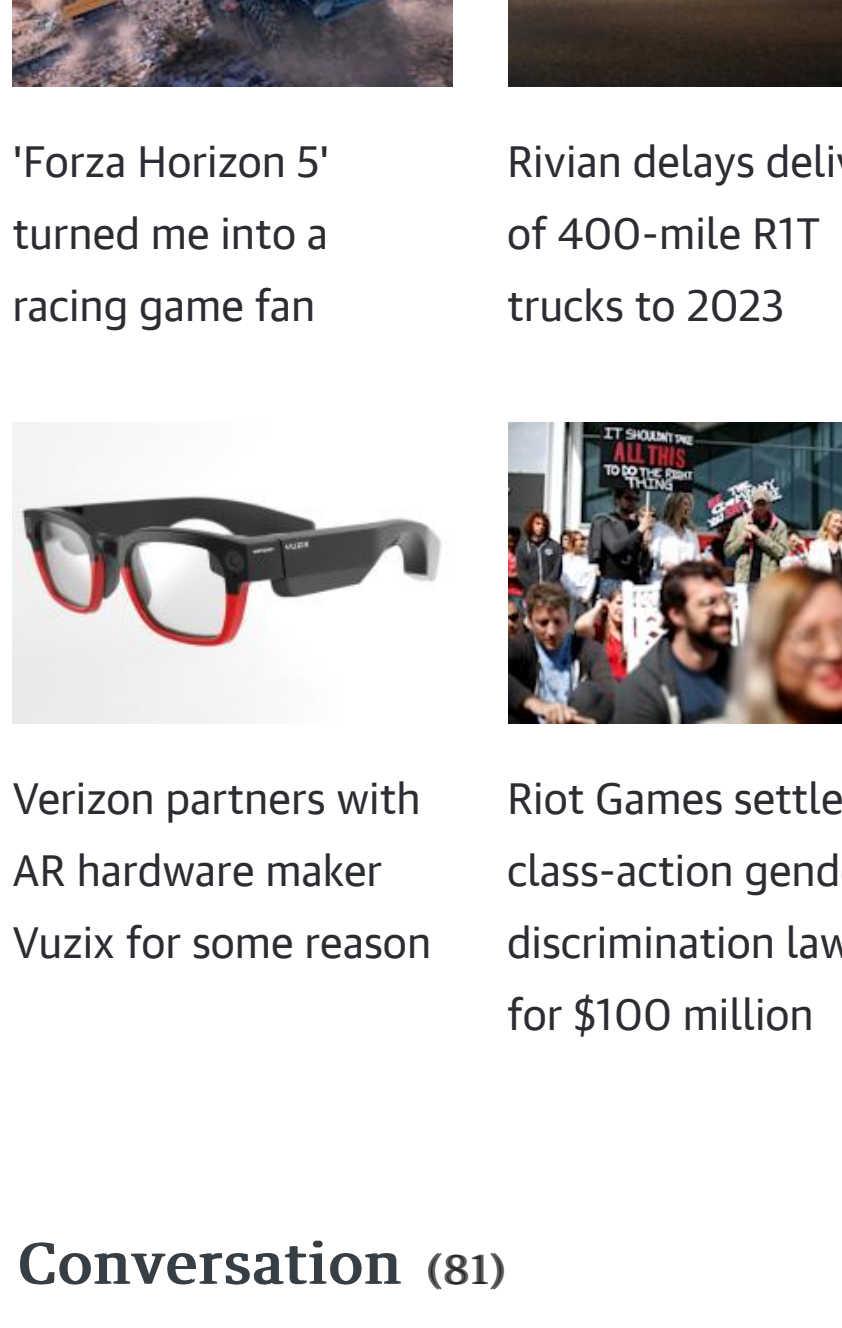
J. Fingas
12.28.21



Roberto Baldwin for Engadget

Hyundai only just released its [first ground-up electric car](#), but it's apparently ready to leave combustion engines behind. As [Electrek reports](#), [Korea Economic Daily sources](#) claim Hyundai shut down its research center's engine design unit sometime this month. There will still be some workers left to refine existing engines, but the rest will move to EV-related work.

The company is understood to be converting buildings for EV development at the same time. The powertrain development center is becoming an electrification test facility, and the performance development center is now dedicated to electrified machines. There's also a new battery development center, while researchers are now sourcing raw battery and chip components.

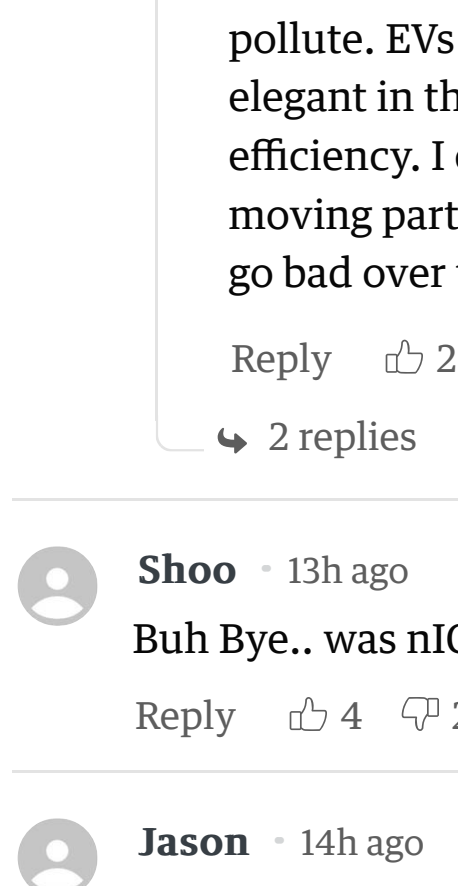


The aim is simple, according to the leak. Hyundai wants to accelerate the transition to EVs, and that means devoting much more of its energy to the newer technology. Electrification is "inevitable," new research chief Park Chung-kook reportedly said in email, and the transition will help produce cars that "dominate the future market."

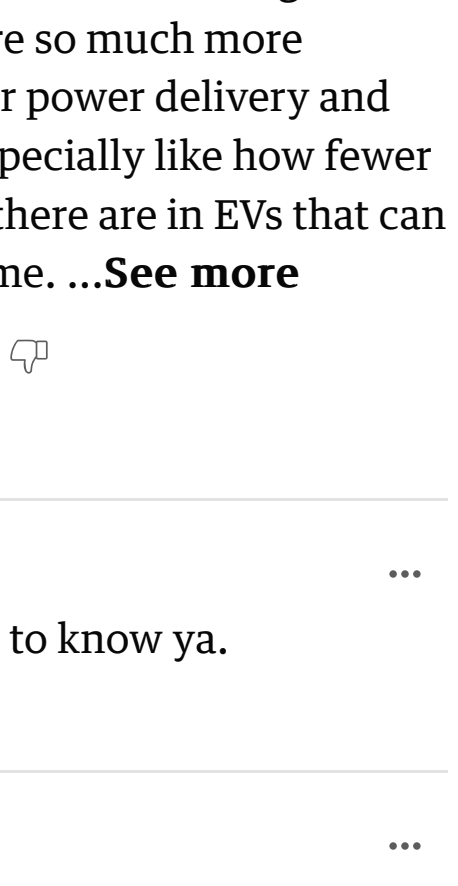
We've asked Hyundai for comment. The change in priorities would make sense, at least. Many countries and individual states intend to ban combustion car sales [in the 2030s](#). Hyundai's home of South Korea, for instance, has a climate plan that would ban combustion-only sales by 2030 and all combustion vehicle sales by 2035. Hyundai is already [phasing out](#) diesels. There wouldn't be much point to designing new engines that would only have a brief time on the market, and the company is likely to significantly [expand its EV lineup](#) long before any government cutoffs.

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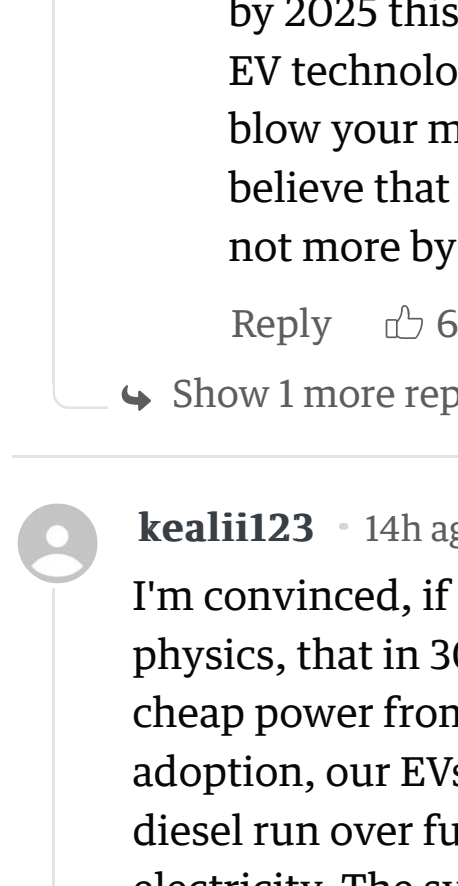
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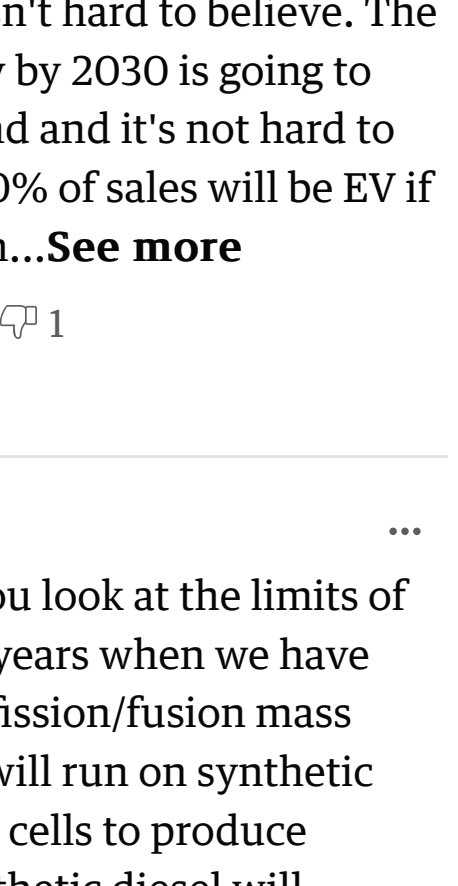
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Conversation (81)

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Won Kyung · 6h ago · ...
Apple pioneered, revolutionized and leads the smartphone market as Samsung followed suit but it had to depend on Android. Likewise Tesla has done the same for EVs while Hyundai follows suit with a JV with Rimac and Boston Dynamics. The gre...[See more](#) (Edited)
Reply · ·

Alexander · 2h ago · ...
Tesla's first car was a Lotus Elise that they modified. Their solar arm is an acquisition, they did not develop the PV tech. They didn't do it alone either.
Reply · ·

conceptvbs · 3h ago · ...
And your point is?
Reply · ·

Cristopher · 7h ago · ...
Good luck opec
Reply · ·

GudieveNing · 5h ago · ...
Trust me, OPEC is doing what it can to profit from this, such as by encouraging hydrogen production from fossil fuels. A good reason to reject it and buy a BEV and build your own solar panel covered garage. Live off grid. @lifemachine
Reply · 1 ·

AlexZ17 · 11h ago · ...
What will happen when governments will start charging EVs by km for tax purposes and cut handouts?
Reply · 1 · 3

Shoo · 6h ago · ...
We'll all get along just fine. Any other questions?
Reply · 1 · 1

mckillio · 9h ago · ...
Revenue will increase.
Reply · ·

Show 1 more reply

Photon-plumber · 12h ago · ...
Well there you have it. Tens of millions in research dollars suddenly diverted away from an existing market to a new one. A clear case of disruptive technology disrupting the flow of money.
Reply · 3 ·

cyberscottie · 12h ago · ...
I will miss the sounds of gas engines, but that's not a reason to hang on a pollute. EVs are so much more elegant in their power delivery and efficiency. I especially like how fewer moving parts there are in EVs that can go bad over time. ...[See more](#)
Reply · 2 ·
 2 replies

Shoo · 13h ago · ...
Buh Bye.. was nICE to know ya.
Reply · 4 · 2

Jason · 14h ago · ...
Hard to believe since there's usually only a handful of EV's being sold across 5 different dealerships.
Reply · · 4

GudieveNing · 5h ago · ...
Most are sold online.
Reply · ·

Yielar · 13h ago · ...
Considering the sheer amount of EV's to be released in 2022 not to mention by 2025 this isn't hard to believe. The EV technology by 2030 is going to blow your mind and it's not hard to believe that 50% of sales will be EV if not more by th...[See more](#)
Reply · 6 · 1
 Show 1 more reply

kealii123 · 14h ago · ...
I'm convinced, if you look at the limits of physics, that in 30 years when we have cheap power from fission/fusion mass adoption, our EVs will run on synthetic diesel run over fuel cells to produce electricity. The synthetic diesel will be...[See more](#)
Reply · · 6

Photon-plumber · 12h ago · ...
No.
Reply · 1 ·

Yielar · 13h ago · ...
I'd have to disagree. In 30 years the energy density of batteries will be exponentially higher than even the best we have today and charging will be nearly instant with extremely long range available. I do agree we'll have figured out near...[See more](#)
Reply · ·
 1 reply
 Show 1 more reply

mustardjeep · 15h ago · ...
Good for them.

The bottle neck however is still battery packs. Tesla alone has warehouses of batteries waiting to be repurposed or scrapped to recycle into new batteries.
Reply · 3 ·

Yielar · 12h ago · ...
I would agree but they do have 13 new battery factories scheduled to be built in the US alone (that I know of) and I Canada has several in the works along with a couple lithium mines about to come online in Quebec and there are 4 mines in ...[See more](#)
Reply · 2 ·
 1 reply

kealii123 · 14h ago · ...
I think it will be fuel cells and synthetic hydrocarbons, not batteries.
Reply · · 2
 2 replies

villarrealadrian · 15h ago · ...
Gooood good this only makes my little friend harder!
Reply · ·

nullcodes · 15h ago · ...
Good. Manufacturers haven't advanced their engines meaningfully since EFI was introduced decades ago. I guess the only advance that is worth discussing is LiquidPiston, which the automotive industry ignored.
Reply · ·

kealii123 · 14h ago · ...
Look at what Mazda and Nissan are doing with their ICEs. Variable displacement. High RPM gasoline compression combustion. Liquid piston. There are some great breakthrough technologies that will keep the ICE competitive for decades yet.
Reply · · 2
 4 replies

fartblossom · 15h ago · ...
It's a lot easier to build an electrical infrastructure, which is 90 percent in place already, than it would be for something like hydrogen.
Reply · 5 ·

mustardjeep · 15h ago · ...
The only problem with hydrogen is that the bulk of it actually comes from a process involving coal.

Hydrogen fueling wouldn't be much more than liquid propane, a straight forward drop-in tank system.
Reply · 1 ·
 2 replies

Tendoboy1984 · 16h ago · ...
Aren't there other alternative fuels that have been researched, such as hydrogen, biofuels, and even water?

Why are all the automakers ignoring the other fuels and jumping straight into electric?
Reply · · 3

Nordic.Man · 11h ago · ...
I guess it's now too bad that "they" (big oil?) had killed/stifled all those inventors of stuff like the million mpg carburetors and other fanatical concepts, in order to keep their industry alive at the time... {insert roll-eyes emoticon ...[See more](#)
Reply · 1 ·

Yielar · 11h ago · ...
Yes there are companies exploring other technologies like hydrogen and biofuels. The problem is there is zero hydrogen infrastructure in place so it already doesn't make economical sense and having a hydrogen "bomb" in your vehicle does pu...[See more](#)
Reply · 1 ·
 Show 2 more replies

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