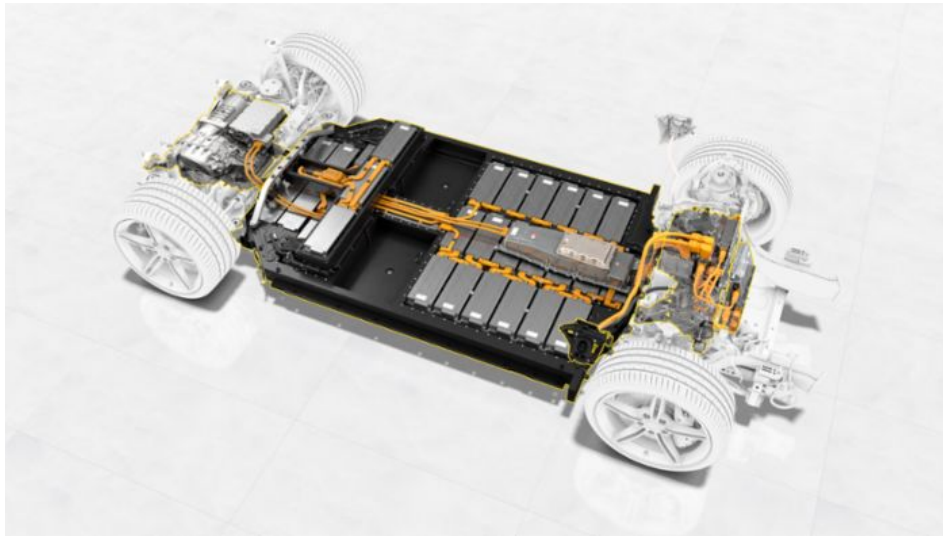


Company Jul 21, 2021

## BASF and Porsche partner to develop high-performing lithium-ion batteries for electric vehicles

BASF has been selected by Cellforce Group (CFG), a joint venture between Porsche and Customcells, as the exclusive cell development partner for its next generation lithium-ion battery.



As part of the collaboration, BASF will provide high-energy HEDTM NCM cathode active materials to contribute to high-performance battery cells for fast charging and high energy density. Cellforce Group, based in Tübingen, Germany, will produce the high-performing battery. Its battery production plant is expected to start operations in 2024 with an initial capacity of at least 100 MWh per year, powering 1,000 motorsport and high-performance vehicles.



## **Michael Steiner, Member of the Executive Board for Research and Development at Porsche AG**

"As an automotive manufacturer, Porsche aims to be CO<sub>2</sub>-neutral in its overall balance sheet by 2030. In this respect, a low CO<sub>2</sub> footprint, closed-loop recycling and sustainability are increasingly in the foreground," says Michael Steiner, Member of the Executive Board for Research and Development at Porsche AG. "The cooperation with BASF is a win-win situation for all parties involved. European sources for the materials nickel and cobalt, the associated security of supply and the short transport routes from Schwarzheide to Baden-Württemberg in Germany were all important arguments for the decision to work with BASF. The battery cells – especially the cathode active materials – are at the center of considerations here. We are very pleased that together with BASF we are bringing an environmentally friendly cell technology to series-production readiness."

"With its in-depth expertise in cathode active materials, BASF supports us in a core area of cell development," adds Markus Gräf, Managing Director of the Cellforce Group. "The cathode active materials show very high cycle stabilities right from the start and are particularly good at fast charging. These are exactly the properties that Cellforce was looking for. BASF is also very committed to adapting the cathode active materials to the requirements of next generation silicon anodes. And in the production area, too, we have worked out a concept together with BASF on how production waste generated in the various areas can be collected and returned to closed-loop recycling. This saves costs and conserves resources as well as the environment."



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## **Link Collection**

### **Link to this article**

<https://newsroom.porsche.com/en/2021/company/porsche-cellforce-basf-development-partners-lithium-ion-batteries-25194.html>

### **Media Package**

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### **Downloads**

BASF and Porsche partner to develop high-performing lithium-ion batteries, press release, 07/21/2021, Porsche AG

### **External Links**

<https://www.basf.com/global/en.html>

<https://www.customcells.org/>