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# The secret to making the hydrogen car viable could be...chicken feathers?

This strange relationship could fight climate change in more ways than one



**By Bruce Brown**

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Chickens may help surmount one of the significant challenges with hydrogen cars. Sales volumes of battery-electric vehicles (BEVs) and hybrid electric vehicles (HEVs) increase yearly. However, that's not the case with electric cars that use hydrogen fuel cells to run electric motors.

Infrastructure issues are the most significant barrier for hydrogen cars. The Toyota Mirai and Hyundai Nexo are the only hydrogen cars sold in the U.S. Even more limiting, you can only buy those vehicles if you live in southern and northern California due to limited hydrogen refueling infrastructure elsewhere. In late 2022, BMW began producing a hydrogen fuel cell car, the iX5 Hydrogen SUV, but only in limited quantities. Hydrogen cars and hydrogen refueling infrastructure are an automotive version of "Which came first, the chicken or the egg?"