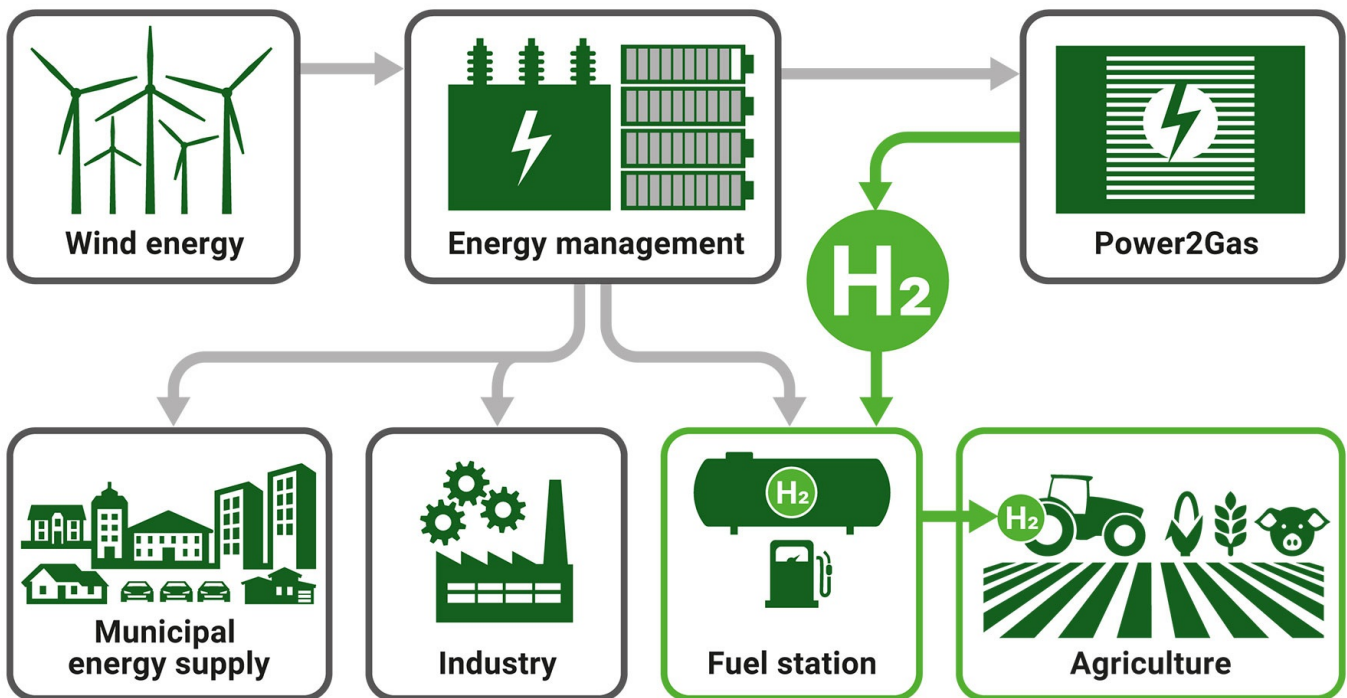
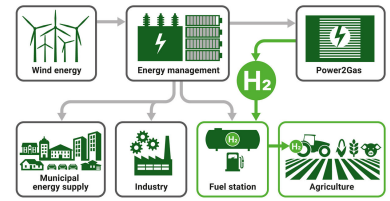


# H2Agrar model project honored with DLG Agrifuture Concept Award 2022



Reducing CO<sub>2</sub> emissions is one of the key tasks of the future - also in agriculture. In the H2Agrar model project, various partners are studying what a hydrogen infrastructure for agricultural use might look like. The role of AGCO/Fendt is to provide hydrogen-powered tractors. The DLG (German Agricultural Society) awards the model project first place as pioneering work for the future of agriculture.



In the H2Agrar agricultural model project, several prototypes of a hydrogen-powered tractor are being used on farms on a regular basis for the first time. The aim of the project is to research and establish an infrastructure for hydrogen for agriculture in the model region Emsland, Germany.

Walter Wagner, Managing Director for Research & Development AGCO/Fendt

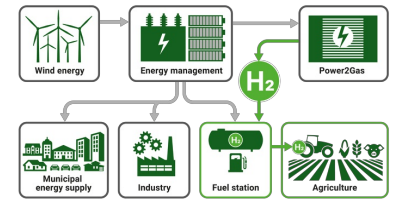


"We are very pleased to have received this exceptional future award from the DLG. For both the Fendt pre-development team and the other H2Agrar partners, this award is a motivation to continue working energetically on researching alternative models for energy generation", says Walter Wagner, Managing Director for Research & Development AGCO/Fendt. "For machines with a high power demand, electric mobility is not an alternative to conventional energies. Here we are researching other alternative solutions, such as the use of hydrogen. The H2Agrar model project offers the best conditions for this."

## Green food production with hydrogen

Model of the project H2Agrar

Among other things, the research project will also study the usability and performance potential of hydrogen for agricultural machinery. To this end, Fendt is developing hydrogen-powered prototype tractors with fuel cells. These will be used under real conditions on two agricultural test farms in the Haren region, Germany over the entire project period. Within the project, the hydrogen consumption of the tractors will be determined. At the same time, the technical requirements for a suitable hydrogen infrastructure for agriculture will be researched. These findings will form the basis for further research into reducing CO2 emissions from agricultural vehicles.



## About the H2Agrar project

In the joint project H2Agrar and project Green H2 Hub-Haren, the state of Lower Saxony, Germany is funding the development of a hydrogen infrastructure in the Emsland model region. The green hydrogen is produced with the help of green energy from a local citizens' wind farm. This is to be used primarily in the mobility sector and in agriculture. To this end, an infrastructure with its own filling station park for alternative fuels such as hydrogen, but also e-charging stations, is being built. AGCO/Fendt is working on the project together with CEC Haren GmbH & Co. KG, Röchling Engineering Plastics SE & Co. KG, Braunschweig Technical University and Emden/Leer University of Applied Sciences.



<https://news.agcocorp.com/2022-02-15-H2Agrar-model-project-honored-with-DLG-Agrifuture-Concept-Award-2022>