

Fendt stellt ersten Wasserstofftraktor auf Wasserstoffgipfel aus

Am 27. Februar lud das Bayerische Staatsministerium für Wirtschaft, Landesentwicklung und Energie zu einem Wasserstoffgipfel ein. Erstmals stellte Fendt dort den ersten Prototypen eines Wasserstofftraktors aus.

Die Land- und Forstwirtschaft ist von zentraler Bedeutung für die Energiewende. Das gilt für die Produktion und Nutzung von Energie auf landwirtschaftlichen Betrieben genau wie landwirtschaftlichen Maschinen. Auf dem Wasserstoffgipfel in Straubing wurden technologische Potentiale und praktische Nutzungsmöglichkeiten von Wasserstoff in der Land- und Forstwirtschaft unter dem Thema „Chancen und Möglichkeiten für die Land- und Forstwirtschaft“ diskutiert. Die Teilnehmenden kamen aus den Bereichen Wissenschaft, Politik, Verbandsarbeit sowie der Praxis.

„Ich sehe im Wasserstoff eine sehr wichtige Problemlösung im Bereich Land- und Forstwirtschaft. Die Land- und Forstwirtschaft kann viel Energie liefern, womit auch Wasserstoff erzeugt werden kann. Agri-PV Anlagen oder Windkraft erzeugen auf land- und forstwirtschaftlichen Flächen Strom und nutzen diesen zur Gewinnung von Wasserstoff. Auch Wasserstoff aus der Biogas-Anlage oder aus Forst-Restholz ist denkbar“, erläutert Hubert Aiwanger, Bayerischer Staatsminister für Wirtschaft, Landesentwicklung und Energie. „Die Krönung ist natürlich, wenn die Landwirte selbst Wasserstoff für ihre Traktoren oder landwirtschaftlichen Maschinen nutzen. Ich hoffe, dass Fendt diesen Prototyp weiter entwickelt, weil wir diese Dinge brauchen.“



Hubert Aiwanger (Bayerischer Staatsminister für Wirtschaft, Landesentwicklung und Energie)



Fendt beteiligt sich gemeinsam mit anderen Partnern an dem landwirtschaftlichen Modellprojekt H2Agrar in Niedersachsen zur Erforschung einer Wasserstoffinfrastruktur für eine landwirtschaftliche Nutzung. Im Modellprojekt werden erstmalig Prototypen eines wasserstoffbetriebenen Traktors ganz regulär auf landwirtschaftlichen Betrieben eingesetzt. Dafür liefert Fendt im April 2023 seine zwei Prototypen der ersten Generation an landwirtschaftliche Betriebe im niedersächsischen Haren (Emsland) aus. Ziel des Projektes ist die Erforschung und der Aufbau einer Infrastruktur für Wasserstoff für die Landwirtschaft in der Modellregion Emsland. Das Projekt wurde 2022 bereits mit dem DLG Agrifuture Concept Award 2022 ausgezeichnet.

Grüne Lebensmittelproduktion mit Wasserstoff

Im Forschungsprojekt soll u.a. die Nutzbarkeit und das Leistungspotenzial von Wasserstoff für landwirtschaftliche Maschinen untersucht werden. Dazu entwickelt Fendt wasserstoffbetriebene Prototyptraktoren mit Brennstoffzelle. Diese werden über den gesamten Projektzeitraum auf zwei landwirtschaftlichen Testbetrieben in der Region Haren unter Realbedingungen eingesetzt. Innerhalb des Projekts soll der Wasserstoffverbrauch der Traktoren ermittelt werden. Gleichzeitig werden die technischen Anforderungen an eine geeignete Wasserstoff-Infrastruktur für die Landwirtschaft erforscht. Diese Erkenntnisse bilden die Basis für weitere Forschung zur Reduktion von CO₂-Emissionen bei landwirtschaftlichen Fahrzeugen.



Über das Projekt H2Agrar

In dem Verbundprojekt H2Agrar und Projekt Grüner H2 Hub-Haren fördert das Land Niedersachsen den Aufbau einer Wasserstoffinfrastruktur in der Modellregion Emsland. Der grüne Wasserstoff wird mithilfe grüner Energie aus einem lokalen Bürgerwindpark produziert. Dieser soll vornehmlich im Mobilitätssektor sowie in der Landwirtschaft genutzt werden. Dazu wird eine Infrastruktur mit einem eigenen Tankstellenpark für alternative Kraftstoffe wie Wasserstoff, aber auch E-Ladesäulen aufgebaut. Das Projekt bearbeitet Fendt gemeinsam mit der CEC Haren GmbH & Co. KG, Röchling Engineering Plastics SE & Co. KG, der Technischen Universität Braunschweig und der Hochschule Emden/Leer.

Über Fendt

Fendt ist die führende High-Tech-Marke im AGCO Konzern für Landwirtinnen und Landwirte mit höchsten Ansprüchen an die Qualität von Maschinen und Services. Die Kunden profitieren von innovativer Technik, die ihre Leistung, Effizienz und Wirtschaftlichkeit erhöht.

Fendt Traktoren und Erntemaschinen arbeiten global auf professionellen landwirtschaftlichen Betrieben sowie im außerlandwirtschaftlichen Bereich.

Ressourcenschonende und smarte Technologien unterstützen Landwirte sowie Lohnunternehmen darin, weltweit nachhaltig und auch wirtschaftlich erfolgreich zu arbeiten.

An den deutschen Standorten Marktoberdorf, Asbach-Bäumenheim, Hohenmölsen, Feucht und Wolfenbüttel beschäftigt Fendt mehr als 7.000 Mitarbeitende in den Bereichen Forschung und Entwicklung, Vertrieb und Marketing sowie Produktion, Service und Verwaltung.

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Über AGCO

AGCO (NYSE: AGCO) ist ein weltweit führendes Unternehmen in der Entwicklung, Produktion und im Vertrieb von Landmaschinen sowie in der Präzisionslandtechnik. Durch sein differenziertes Markenportfolio, das die Kernmarken Fendt®, GSI®, Massey Ferguson®, Precision Planting® und Valtra® umfasst, bietet AGCO seinen Kunden einen echten Mehrwert. Das umfassende AGCO Portfolio an Maschinen und Dienstleistungen – unterstützt durch Fuse® Smart Farming Lösungen – ermöglicht es den Landwirten, unsere Welt nachhaltig zu ernähren. AGCO wurde 1990 gegründet und hat seinen Firmensitz im US-amerikanischen Duluth, Georgia. Im Jahr 2022 erzielte das Unternehmen einen Nettoumsatz von circa 12,7 Milliarden US-Dollar. Weitere Informationen finden Sie auf <https://www.AGCOCorp.com>. Folgen Sie @AGCOCorp auf Twitter, um Neuigkeiten aus dem Unternehmen, Informationen und Veranstaltungshinweise zu erhalten. Finanznachrichten finden Sie auf Twitter unter dem Hashtag #AGCOIR.

Safe Harbor Statement

Statements that are not historical facts, including the projections of earnings per share, production levels, sales, industry demand, market conditions, commodity prices, currency translation, farm income levels, margin levels, strategy, investments in product and technology development, new product introductions, restructuring and other cost reduction initiatives, production volumes, tax rates and general economic conditions, are forward-looking and subject to risks that could cause actual results to differ materially from those suggested by the statements. The following are among the factors that could cause actual results to differ materially from the results discussed in or implied by the forward-looking statements.

- COVID-19 has negatively impacted our business, initially through closures, higher absentee rates, and reduced production at both our plants and the plants that supply us with parts and components, and more recently through supply chain disruptions, including the inability of some of our suppliers to meet demand and logistics and transportation-related companies to deliver products in a timely manner. In addition, we have had to incur various costs related to preventing the spread of COVID-19, including changes to our factories and other facilities and those related to enabling remote work. We expect COVID-19 to continue to impact our business, although the manner and extent to which it impacts us will depend on future developments, including the duration of the pandemic, the timing, distribution and impact of vaccinations, and possible mutations of the virus that are more contagious or resistant to current vaccines. Measures taken by governments around the world, as well as businesses, including us, and the general public in order to limit the spread of COVID-19 will impact our business as well. These measures have included travel bans and restrictions, quarantines, shelter in place orders, curfews, business and government office closures, increased border controls or closures, port closures and transportation restrictions. The impacts of COVID-19 and such measures could include decreases in demand for our products, factory closures, increased absentee rates, reduced production, incurrence of additional costs due to the adherence to cleaning requirements and social distancing guidelines and increased costs of labor, parts and components and shipping, incurrence of impairment charges, slower collections and larger write-offs of accounts receivable, among other changes.
- We cannot predict or control the impact of the conflict in Ukraine on our business. Already it has resulted in reduced sales in Ukraine as farmers have experienced economic distress, difficulties in harvesting and delivering their products, as well as general uncertainty. There is a potential for natural gas shortages, as well as shortages in other energy sources, throughout Europe, which could negatively impact our production in Europe both directly and through interrupting the supply of parts and components that we use. It is unclear how long these conditions will continue, or whether they will worsen, and what the ultimate impact on our performance will be. In addition, AGCO sells products in, and purchases parts and components from, other regions where there could be hostilities. Any hostilities likely would adversely impact our performance.
- Our financial results depend entirely upon the agricultural industry, and factors that adversely affect the agricultural industry generally, including declines in the general economy, adverse weather, tariffs, increases in farm input costs, lower commodity prices, lower farm income and changes in the availability of credit for our retail customers, will adversely affect us.
- A majority of our sales and manufacturing takes place outside the United States, and many of our sales involve products that are manufactured in one country and sold in a different country. As a result, we are exposed to risks related to foreign laws, taxes and tariffs, trade restrictions, economic conditions, labor supply and relations, political conditions and governmental policies. These risks may delay or reduce our realization of value from our international operations. Among these risks are the uncertain

consequences of Brexit, the conflict in Ukraine, Russian sanctions and tariffs imposed on exports to and imports from China.

- Most retail sales of the products that we manufacture are financed, either by our joint ventures with Rabobank or by a bank or other private lender. Our joint ventures with Rabobank, which are controlled by Rabobank and are dependent upon Rabobank for financing as well, finance approximately 50% of the retail sales of our tractors and combines in the markets where the joint ventures operate. Any difficulty by Rabobank to continue to provide that financing, or any business decision by Rabobank as the controlling member not to fund the business or particular aspects of it (for example, a particular country or region), would require the joint ventures to find other sources of financing (which may be difficult to obtain), or us to find another source of retail financing for our customers, or our customers would be required to utilize other retail financing providers. As a result of the recent economic downturn, financing for capital equipment purchases generally has become more difficult in certain regions and in some cases, can be expensive to obtain. To the extent that financing is not available or available only at unattractive prices, our sales would be negatively impacted.
- Both AGCO and our finance joint ventures have substantial accounts receivable from dealers and end customers, and we would be adversely impacted if the collectability of these receivables was less than optimal; this collectability is dependent upon the financial strength of the farm industry, which in turn is dependent upon the general economy and commodity prices, as well as several of the other factors listed in this section.
- We have experienced substantial and sustained volatility with respect to currency exchange rate and interest rate changes, which can adversely affect our reported results of operations and the competitiveness of our products.
- Our success depends on the introduction of new products, particularly engines that comply with emission requirements and sustainable smart farming technology, which require substantial expenditures; there is no certainty that we can develop the necessary technology or that the technology that we develop will be attractive to farmers or available at competitive prices.
- Our expansion plans in emerging markets, including establishing a greater manufacturing and marketing presence and growing our use of component suppliers, could entail significant risks.
- Our business increasingly is subject to regulations relating to privacy and data protection, and if we violate any of those regulations, or otherwise are the victim of a cyberattack, we could be subject to significant claims, penalties and damages.
- Attacks through ransomware and other means are rapidly increasing, and in May 2022 we learned that we had been subject to a cyberattack. We continue to review and improve our safeguards to minimize our exposure to future attacks. However, there always will be the potential of the risk that a cyberattack will be successful and will disrupt our business, either through shutting down our operations, destroying data, exfiltrating data or otherwise.
- We depend on suppliers for components, parts and raw materials for our products, and any failure by our suppliers to provide products as needed, or by us to promptly address supplier issues, will adversely impact our ability to timely and efficiently manufacture and sell products. Recently suppliers of several key parts and components have not been able to meet our demand and we have had to decrease our production levels. In addition, the potential of natural gas shortages in Europe, as well as predicted overall shortages in other energy sources, could also negatively impact our production and that of our supply chain in the future. It is unclear when these supply chain disruptions will be restored or what the ultimate impact on production, and consequently sales, will be.

- During 2022 we experienced significant inflation in a range of costs, including for parts and components, shipping, and energy. While we have been able to pass along most of those costs through increased prices, there can be no assurance that we will be able to continue to do so. If we are not, it will adversely impact our performance.
- We face significant competition, and if we are unable to compete successfully against other agricultural equipment manufacturers, we would lose customers and our net sales and performance would decline.
- We have a substantial amount of indebtedness, and, as a result, we are subject to certain restrictive covenants and payment obligations that may adversely affect our ability to operate and expand our business. Further information concerning these and other factors is included in AGCO's filings with the Securities and Exchange Commission, including its Form 10-K for the year ended December 31, 2021 and subsequent Form 10-Qs. AGCO disclaims any obligation to update any forward-looking statements except as required by law.