

Fendt presenta il primo trattore a idrogeno al German Hydrogen Summit

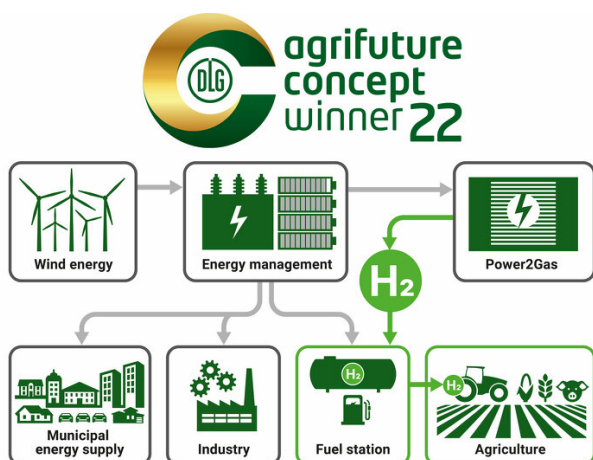
Il 27 febbraio, il Ministero Bavarese per gli Affari Economici, lo Sviluppo Regionale e l'Energia ha ospitato un summit sull'idrogeno. Fendt ha presentato per la prima volta il prototipo di un trattore a idrogeno.

L'agricoltura e la silvicoltura sono di importanza centrale per la transizione energetica. Questo vale sia per la produzione e l'utilizzo di energia nelle aziende agricole che per i macchinari agricoli. Al summit sull'idrogeno di Straubing, i potenziali tecnologici e gli usi pratici dell'idrogeno in agricoltura e silvicoltura sono stati discussi in merito alla domanda "Opportunità e possibilità per l'agricoltura e la silvicoltura". I partecipanti provenivano dai settori della scienza, della politica, del lavoro associativo e della pratica.

"Vedo l'idrogeno come una soluzione molto importante ai problemi dell'agricoltura e della silvicoltura. L'agricoltura e la silvicoltura possono fornire molta energia, che può essere utilizzata anche per generare idrogeno. Gli impianti agroelettrici o eolici generano elettricità sui terreni agricoli e forestali e la utilizzano per produrre idrogeno. È possibile anche produrre idrogeno da impianti di biogas o dal legno residuo delle foreste", spiega Hubert Aiwanger, ministro bavarese per gli Affari economici, lo sviluppo regionale e l'energia. "Il coronamento, naturalmente, è quando gli agricoltori stessi utilizzano l'idrogeno per i loro trattori o macchine agricole. Spero che Fendt continui a sviluppare questo prototipo, perché ne abbiamo bisogno".



Hubert Aiwanger, ministro bavarese per gli Affari economici, lo sviluppo regionale e l'energia



Insieme ad altri partner, Fendt partecipa al progetto agricolo H2Agrar in Bassa Sassonia per la ricerca di un'infrastruttura a idrogeno per uso agricolo. Nel progetto modello, i prototipi di un trattore a idrogeno saranno utilizzati per la prima volta su base regolare nelle aziende agricole. A tal fine, Fendt consegnerà i suoi due prototipi di prima generazione alle aziende agricole di Haren (Emsland) in Bassa Sassonia nell'aprile 2023. L'obiettivo del progetto è la ricerca e la creazione di un'infrastruttura per l'idrogeno in agricoltura nella regione modello dell'Emsland. Il progetto ha già vinto il DLG Agrifuture Concept Award 2022.

Produzione alimentare sostenibile con l'idrogeno

Uno degli obiettivi del progetto di ricerca è quello di studiare l'utilizzabilità e le prestazioni potenziali dell'idrogeno per le macchine agricole. A tal fine, Fendt sta sviluppando prototipi di trattori alimentati a idrogeno con celle a combustibile. Questi saranno utilizzati in condizioni reali in due aziende agricole di prova nella regione di Haren per tutto il periodo del progetto. Nell'ambito del progetto, verrà determinato il consumo di idrogeno dei trattori. Allo stesso tempo, verranno studiati i requisiti tecnici per un'infrastruttura a idrogeno adatta all'agricoltura. Questi risultati costituiranno la base per ulteriori ricerche sulla riduzione delle emissioni di CO₂ dei veicoli agricoli.



Il progetto H2Agrar

Nell'ambito del progetto congiunto H2Agrar e del progetto Green H2 Hub-Haren, lo Stato della Bassa Sassonia, in Germania, finanzia lo sviluppo di un'infrastruttura per l'idrogeno nella regione modello dell'Emsland. L'idrogeno verde viene prodotto con l'aiuto di energia verde proveniente da un parco eolico locale. L'idrogeno sarà utilizzato principalmente nel settore della mobilità e in agricoltura. A tal fine, si sta costruendo un'infrastruttura con un proprio parco di stazioni di rifornimento per carburanti alternativi come l'idrogeno, ma anche stazioni di ricarica elettronica. AGCO/Fendt sta lavorando al progetto insieme a CEC Haren GmbH & Co. KG, Röchling Engineering Plastics SE & Co. KG, l'Università Tecnica di Braunschweig e l'Università di Scienze Applicate di Emden/Leer.

Informazioni su Fendt

Fendt è il marchio high-tech leader del Gruppo AGCO per le aziende agricole con le esigenze più elevate in termini di qualità delle macchine e dei servizi. I clienti beneficiano di una tecnologia innovativa che aumenta le prestazioni, l'efficienza e la redditività. I trattori e le mietitrebbie Fendt operano a livello globale sia nelle aziende agricole professionali che nei campi non agricoli. Le tecnologie intelligenti e a risparmio di risorse di Fendt aiutano gli agricoltori e i contoterzisti a lavorare in modo sostenibile ed economico in tutto il mondo. Nelle sedi tedesche di Marktoberdorf, Asbach-Bäumenheim, Hohenmölsen, Feucht e Wolfenbüttel, Fendt impiega più di 6.300 persone nei settori della ricerca e sviluppo, delle vendite e del marketing, della produzione, dell'assistenza e dell'amministrazione.

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Informazioni su AGCO

AGCO (NYSE: AGCO) è leader mondiale nella produzione di macchine agricole e tecnologie per l'agricoltura di precisione. Guidata dalla strategia "Farmer First" che mette l'agricoltore al primo posto, AGCO genera valore attraverso i suoi marchi leader e differenziati: Fendt™, Massey Ferguson™, PTx™ e Valtra™. Le attrezzature ad alte prestazioni e le soluzioni per l'agricoltura intelligente di AGCO — che includono tecnologie di retrofit compatibili con vari marchi e offerte di sistemi autonomi — consentono agli agricoltori di aumentare la produttività, nutrendo il mondo in modo sostenibile. Per ulteriori informazioni, visita il sito www.agcocorp.com.

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 forwardlooking 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.

- Our financial results depend entirely upon the agricultural industry. Factors that adversely affect the agricultural industry, 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.
- We maintain an independent dealer and distribution network in the markets where we sell products. The financial and operational capabilities of our dealers and distributors are critical to our ability to compete in these markets. Higher inventory levels at our dealers and high utilization of dealer credit limits could negatively impact future sales and adversely impact our performance.
- We recently announced the proposed acquisition of the ag assets and technologies of Trimble through the formation of a joint venture of which we will own 85%. This is a substantial acquisition for us, and it will require us to incur substantial indebtedness. All acquisitions involve risk, and there is no certainty that this acquisition will close, that we will be able to obtain the desired financing, that our increased leverage will not adversely impact our remaining business, or that the acquired business will operate as expected following closing. Each of these items, as well as similar acquisition-related items, would adversely impact our performance.
- 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 and tariffs imposed on exports to and imports from China.
- 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.
- 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. In addition, Rabobank also is the lead lender in our revolving credit facility and term loans and for many years has been an important financing partner for us. Any interruption or other challenges in that relationship would require us to obtain alternative financing, which could be difficult.

- 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.
- Any increase in COVID-19, or other future pandemics, could negatively impact our business through reduced sales, facilities closures, higher absentee rates, and reduced production at both our plants and the plants that supply us with parts and components. In addition, logistical and transportation-related issues and similar problems may also arise.
- We recently have 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 will incur additional indebtedness as part of the Trimble transaction), 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, 2022 and subsequent Form 10-Qs. AGCO disclaims any obligation to update any forward-looking statements except as required by law.