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## Digital Agriculture Newsletter, 2024

Véronique Bellon-Maurel, Isabelle Piot-Lepetit, Martha Lucia Enriquez, Gabrielle Lartia, Elodie Merlier, Pascale Karmasyn-Veyrines, Isabelle Nault, Jacques Le Rouzic

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"Digital Agriculture Newsletter is a news monitoring system fed by information published in a selection of international internet media. It is developed in partnership with the INRAE Directorate for Open Science (DipSO) and #DigitAg. Happy reading!

## Sommaire

### Technos

- [AMERICA] Utilizing the DJI Dock for Precision Agriculture Test Plots
- [AMERICA] NASA Harvest and Virginia Tech's Partnership Introduces Game-Changing Technology for Agricultural Insurance
- [ASIA] Karandaaz, GrowTech develop GrowPak app to improve agri services
- [GLOBAL] Best Agriculture Apps for 2024 (Update)
- [GLOBAL] How Bioscience Technology Increases Farming Efficiency
- [GLOBAL] Robotic Revolution in Farming: Addressing Labor Shortages with Innovation

### Vie des sociétés de l'AgTech / Entreprises

- [AMERICA] AcuSpray Expands National Franchise, Pioneering Precision Agriculture for Enhanced Farm Profitability
- [AMERICA] Farm-ng Secures Series A Investment to Expand Agricultural Robot and AI Deployment
- [AMERICA] 10 Groundbreaking AgTech Startups Chosen for 2024 AgLaunch365 Accelerator Program
- [EUROPE] How this AI-powered raspberry-picking robot is changing the future of farming?
- [GLOBAL] Trimble Announces Carbon Marketplace to Help Farmers Benefit from Sustainable Farming - Global Ag Tech Initiative

### Institutions

- [ASIA] 'GoviLab'; a tech program to transform agricultural sector
- [ASIA] Agriculture Technology Enabler IRGA Signs MOU With University Of Southampton To Develop Advanced Agritech Technologies
- [ASIA] Hatch and Sarvodaya launch "GoviLab" AgriTech accelerator
- [EUROPE] ADM takes sustainable agriculture to new heights - Food and Drink Technology
- [OCEANIA] \$30m On Farm Connectivity Program delivering benefits for Aussie farmers

## Médias / Media

- [AMERICA] Des robots en agriculture
- [ASIA] Using Geospatial Data and Satellite Technology to Address Stubble Burning and Enhance Agricultural Practices
- [EUROPE] Robotics, AI, and IoT Revolutionize Agriculture, Autonomous Robots Provide Precise Insights
- [GLOBAL] Revolutionizing Agriculture: How Advanced Drones are Cultivating Sustainable Farming Practices
- [GLOBAL] AI in Agriculture: Shaping the Future of Agritech
- [GLOBAL] 13 Most Advanced Countries in Agriculture Technology
- [GLOBAL] Satellite IoT: Transforming Agriculture for a Sustainable Future
- [GLOBAL] 13 Best Agriculture Software Companies In 2024

## Technos



17/01/2024

### [AMERICA] Utilizing the DJI Dock for Precision Agriculture Test Plots

With remote sensing technologies playing a greater role within precision agriculture, seed and chemical companies are leaning more and more on drone imagery to monitor test plots. We have seen the use of small and affordable drones by agronomists to deliver insights become more commonplace, but how has drone technology been adopted within agricultural research farms? Let's find out.

[enterprise-insights.dji.com](https://enterprise-insights.dji.com)

16/01/2024

### [AMERICA] NASA Harvest and Virginia Tech's Partnership Introduces Game-Changing Technology for Agricultural Insurance

NASA Harvest, in partnership with Virginia Tech, has unveiled a groundbreaking new technology that aims to revolutionize agricultural insurance. The innovative platform utilizes satellite data and machine learning algorithms to accurately assess crop yield and predict potential risks, providing invaluable insights for insurance companies and farmers alike.

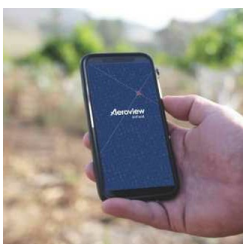
[www.theultramods.com](https://www.theultramods.com)

18/01/2024

### [ASIA] Karandaaz, GrowTech develop GrowPak app to improve agri services

KARACHI: In a bid to digitize the traditional agriculture value chain, GrowTech Services is implementing data-driven, scientific-based agriculture services in collaboration with Karandaaz Pakistan. To enable this, it has developed the GrowPak app, which provides tailor-made solutions allowing farmers to manage their crops for better yields.

[www.brecorder.com](https://www.brecorder.com)



31/01/2024

### [GLOBAL] Best Agriculture Apps for 2024 (Update)

The AI explosion in agriculture is impacting mobile app development, too, especially as it relates to data. Specifically, AI is allowing apps to work with much larger datasets for analysis, says Reinder Prins, Marketing Lead at Leaf Agriculture, which focuses on data infrastructure in agriculture through API services that are used to power many agtech apps. These agricultural apps will help you farm smarter and do your job more efficiently this year and beyond...

[www.croplife.com](https://www.croplife.com)



30/01/2024

### **[GLOBAL] How Bioscience Technology Increases Farming Efficiency**

The world of agriculture is evolving rapidly, thanks to the integration of advanced bioscience technology. From enhancing crop yields to minimizing environmental impacts, the innovative use of bioscience in farming practices is revolutionizing how we approach agricultural production.

[www.techexpert.com](http://www.techexpert.com)



12/01/2024

### **[GLOBAL] Robotic Revolution in Farming: Addressing Labor Shortages with Innovation**

The agriculture industry is experiencing a significant transformation as robots become an integral part of farming. This shift has become essential due to a growing labor shortage in the sector. The adoption of robotic technology in farming is not just increasing efficiency and productivity but is also introducing sustainable and innovative methods of farming.

[medriva.com](http://medriva.com)

## **Vie des sociétés de l'AgTech / Entreprises**



31/01/2024

### **[AMERICA] AcuSpray Expands National Franchise, Pioneering Precision Agriculture for Enhanced Farm Profitability**

In an ambitious drive to advance precision agriculture throughout the United States, AcuSpray announces a significant expansion of its franchise network. Already a leader in precision drone application services, AcuSpray has opened franchise opportunities in over 30 states as part of its strategic growth plan.

[arabnewsnetwork.asia](http://arabnewsnetwork.asia)



18/01/2024

### **[AMERICA] Farm-ng Secures Series A Investment to Expand Agricultural Robot and AI Deployment**

Summary: In a significant development for small and medium-sized farms seeking innovative solutions, farm-ng has successfully secured a Series A financing round. This infusion of capital is targeted at expanding the reach and capabilities of their advanced Amiga robot and companion AI technologies, which are designed to streamline farming operations and enhance productivity.

[ts2.pl](http://ts2.pl)



17/01/2024

### **[AMERICA] 10 Groundbreaking AgTech Startups Chosen for 2024 AgLaunch365 Accelerator Program**

Memphis-based AgLaunch Initiative has selected 10 game-changing agtech startups to participate in AgLaunch365, a leading accelerator program aimed at tackling contemporary challenges in farm and food production and promoting sustainability.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)



05/01/2024

## [EUROPE] How this AI-powered raspberry-picking robot is changing the future of farming?

The National Farmers' Union (NFU) estimates that up to £22 million worth of UK fruit and vegetables are wasted annually and left to rot in fields as a direct result of farming labour shortages. Especially, raspberry producers face several systemic issues such as this shortage and declining net margins. Farmers need cost-effective solutions to help boost harvesting yields and protect profits...

[techfundingnews.com](https://techfundingnews.com)



05/01/2024

## [GLOBAL] Trimble Announces Carbon Marketplace to Help Farmers Benefit from Sustainable Farming - Global Ag Tech Initiative

Trimble has announced the Connected Climate Exchange, a carbon marketplace to connect and aggregate verified data across the agriculture supply chain to enable a more sustainable future. To meet net zero commitments, Trimble offers new opportunities for industry stakeholders to quantify their sustainability efforts, scale their businesses with climate offerings and ultimately minimize the negative effects of climate change.

[www.globalagtechinitiative.com](https://www.globalagtechinitiative.com)

## Institutions



30/01/2024

## [ASIA] 'GoviLab'; a tech program to transform agricultural sector

Sarvodaya, in partnership with Hatch, recently launched 'GoviLab' Agritech Accelerator, an initiative to elevate and modernise Sri Lanka's agriculture sector, adopting a holistic approach.

[agriculture.einnews.com](https://agriculture.einnews.com)



19/01/2024

## [ASIA] Agriculture Technology Enabler IRGA Signs MOU With University Of Southampton To Develop Advanced Agritech Technologies

IRGA Sdn Bhd has entered into an agreement with the University of Southampton Malaysia (UoSM) to engage in a collaborative research project. Outlined by the effort to develop cutting edge technologies which support the agricultural sector to achieve greater levels of productivity and sustainability, IRGA has engaged UoSM to develop technologies which leverage on artificial intelligence and machine vision.

[www.businesstoday.com.my](https://www.businesstoday.com.my)



18/01/2024

## [ASIA] Hatch and Sarvodaya launch "GoviLab" AgriTech accelerator

Sarvodaya, a grassroots organization, is partnering with Hatch - Sri Lanka's largest innovation and entrepreneurship development organization, to launch the "GoviLab" AgriTech Accelerator. This is an integral part of Sri Lanka's Inclusive Digital Agriculture Transformation (IDAT) strategy, a one-of-a-kind national initiative brought about by the collaborative efforts of the Government of Sri Lanka and the Bill & Melinda Gates Foundation with support from PwC India.

[www.lankabusinessonline.com](https://www.lankabusinessonline.com)



18/01/2024

## **[EUROPE] ADM takes sustainable agriculture to new heights - Food and Drink Technology**

ADM has announced that it is expanding its traceable soybean pilot after shipping its first vessels of verified, fully traceable soybeans from the US to Europe. ADM intends to expand these capabilities in the 2024 growing season, particularly with the anticipation of the new EU deforestation regulations becoming effective at the end of the year.

[www.foodanddrinktechnology.com](http://www.foodanddrinktechnology.com)



17/01/2024

## **[OCEANIA] \$30m On Farm Connectivity Program delivering benefits for Aussie farmers**

The Australian Government's \$30 million On Farm Connectivity Program (OFCP) is boosting productivity for Australia's primary producers, with over \$6.2 million in rebates already flowing to help farmers utilise agtech and connectivity solutions.

[www.australianresources.com.au](http://www.australianresources.com.au)

## **Médias / Media**

Impact du numérique dans les médias



31/01/2024

## **[AMERICA] Des robots en agriculture**

Les robots équipés d'intelligence artificielle promettent de révolutionner l'agriculture. Le Québec est en train de les adopter, lentement mais sûrement. Les promesses de ces machines sont appétissantes : solution à la pénurie de main-d'œuvre, fin des journées de travail interminables, augmentation de la productivité, bénéfiques pour l'environnement...

[lactualite.com](http://lactualite.com)

15/01/2024

## **[ASIA] Using Geospatial Data and Satellite Technology to Address Stubble Burning and Enhance Agricultural Practices**

Stubble burning has become an ongoing problem, causing cities to be enveloped in dense smog and exacerbating health risks associated with pollution. Every year, farmers in Punjab burn millions of metric tons of crop stubble, posing significant challenges in terms of air quality and sustainable farming practices. However, recent advancements in geospatial technology and the utilization of satellite data offer promising solutions to tackle this issue effectively.

[isp.today](http://isp.today)

16/01/2024

## **[EUROPE] Robotics, AI, and IoT Revolutionize Agriculture, Autonomous Robots Provide Precise Insights**

The Europe agriculture autonomous robots market (excluding U.K.) was valued at \$276.7 million in 2023, and it is expected to grow with a CAGR of 25.25% during the forecast period to reach \$853.1 million by 2028. The increasing demand for efficient and sustainable agricultural techniques is predicted to fuel growth in the worldwide agriculture autonomous robots market.

[pioneernewz.com](http://pioneernewz.com)



17/01/2024

## [GLOBAL] Revolutionizing Agriculture: How Advanced Drones are Cultivating Sustainable Farming Practices

Over the past several years, drones have played an increasingly important role in ensuring that farmers can maintain high crop yields in an environmentally sustainable manner, the CEO of agricultural drone company Hylio said in an interview.

[dronelife.com](https://dronelife.com)



17/01/2024

## [GLOBAL] AI in Agriculture: Shaping the Future of Agritech

Artificial Intelligence (AI) is making an impact across industries, including in the field of Agricultural Technology. AI in agritech involves harnessing the power of AI to address our fundamental human need for food. The increasing use of AI results from our growing recognition of its capabilities. The ultimate goal of this technological advancement is to ensure food security...

[thesiliconreview.com](https://thesiliconreview.com)



13/01/2024

## [GLOBAL] 13 Most Advanced Countries in Agriculture Technology

In this article, we discuss the 13 most advanced countries in agriculture technology. You can skip our detailed analysis of the agricultural industry, key agritech players and trends to watch in 2023, and go directly to 5 Most Advanced Countries in Agriculture Technology.

[agriculture.einnews.com](https://agriculture.einnews.com)



04/01/2024

## [GLOBAL] Satellite IoT: Transforming Agriculture for a Sustainable Future

Satellite IoT is revolutionizing the way we approach agriculture and paving the way for a greener future. While the world grapples with environmental challenges, this evolving technology holds the promise of driving positive change. Alastair MacLeod, the visionary behind Ground ...

[isp.today](https://isp.today)



04/01/2024

## [GLOBAL] 13 Best Agriculture Software Companies In 2024

A few decades ago, farmers used to plant crops based on what they thought would be profitable. Today, the entire agriculture industry has changed for the better. Data analytics and artificial intelligence have revolutionized the industry and brought numerous solutions that people a few years ago couldn't imagine. Farmers no longer have to rely on [...]

[www.rankred.com](https://www.rankred.com)

Cette newsletter est réalisée par l'équipe de veille de [Institut Convergences Agriculture Numérique](#).

***Pour s'abonner/se désabonner [cliquez ici](#)***



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## Sommaire

### Technos

- [AMERICA] Urban Agriculture News: Sensor Technology Revolutionizes Farming in Mexico
- [ASIA] Smart Technology and Sustainable Agriculture: AI-Powered Water Management Solutions
- [GLOBAL] New SWATcam Technology Revolutionizes Plant Stand Counts for Agricultural Producers

### Vie des sociétés de l'AgTech / Entreprises

- [ASIA] Rockwell Automation Partners with ISAP India Foundation to Modernize Dairy Farming in Maharashtra
- [ASIA] Garuda Aerospace secures orders for 500 agricultural drones under NaMo Drone Didi scheme
- [EUROPE] Syngenta Teams Up with IBM and Maxygen to Revolutionize Agricultural Technology

### Institutions

- [AFRICA] Agriculture digitale : AgroSfer, l'AUF et la FSA lancent une formation certifiante
- [AMERICA] New program combines technology and farming
- [ASIA] BharatRohan and AgHub Partner to Revolutionize Agriculture with Drone and Hyperspectral Imaging Tech
- [ASIA] Agricultural Drone Policy in Maharashtra: Cultivating Innovation in Farming

### Evénements / Events

- [AMERICA] St. Louis' world-famous innovator offers a vision for the future of high-tech farms
- [ASIA] National Science Day: Celebrating Innovation in Agriculture through Spectroscopy
- [ASIA] ASEAN-IVO Project in Malaysia: UTM Advancing Agriculture Through Cutting-Edge Technology

### Médias / Media

- [ASIA] How Two Women Are Redefining Indian Agriculture With Drone Technology
- [EUROPE] Smart Farming and the Transition to Regenerative Ag: Why Are EU Farmers Struggling With Climate Cognitive Dissonance?
- [EUROPE] Agriculture "de précision", hydrogène, drones : la technologie peut-elle vraiment réduire le bilan carbone agricole ?
- [GLOBAL] Is IoT the answer to the agriculture industry's ESG challenges?
- [GLOBAL] Revolutionizing Farming: Cutting-Edge Imaging Technology Unveils the Future of Precision Agriculture

- [GLOBAL] GAO: Many barriers to precision agriculture beyond cost
- [GLOBAL] Blockchain in Agriculture Market Size Is Estimated To Growing At A CAGR Of 47% By 2030

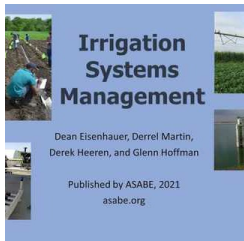
## Technos

07/02/2024

### [AMERICA] Urban Agriculture News: Sensor Technology Revolutionizes Farming in Mexico

Mexico City – In a groundbreaking development for urban agriculture, Quantified Sensor Technology (QST) has emerged as a game-changer in Mexico. This cutting-edge technology has revolutionized the way farmers monitor and manage their crops, leading to significant improvements in yield and resource efficiency.

[www.theultramods.com](http://www.theultramods.com)



15/02/2024

### [ASIA] Smart Technology and Sustainable Agriculture: AI-Powered Water Management Solutions

In an era where technology and agriculture intertwine more closely with each passing day, a recent seminar held by the Bangladesh Agricultural Development Corporation (BADC) in Dhaka has shed light on innovative solutions designed to address the pressing challenges of water management in farming. On a day marked by discussions on the future of agriculture, the spotlight turned to the potential of smart technology to revolutionize irrigation practices, a critical component in the quest for sustain...

[bnnbreaking.com](http://bnnbreaking.com)



03/02/2024

### [GLOBAL] New SWATcam Technology Revolutionizes Plant Stand Counts for Agricultural Producers

Agricultural technology is rapidly evolving, and Croptimistic Technology out of Saskatoon has developed a groundbreaking system that provides producers with a more accurate way to determine plant stand counts. Key Takeaways: SWATcam Technology captures high-resolution images every 50 to 70 feet as it moves through the field, providing more [...]

[www.bollyinside.com](http://www.bollyinside.com)

## Vie des sociétés de l'AgTech / Entreprises



05/02/2024

### [ASIA] Rockwell Automation Partners with ISAP India Foundation to Modernize Dairy Farming in Maharashtra

The initiative, titled "Economic and Social Development of Indian Village Through Technology-Enabled Dairy Farming," aims to help modernize dairy farming practices in the water-scarce region of Antargaon (near Nagpur) in Wardha District, Maharashtra...

[www.en.krishakjaagat.org](http://www.en.krishakjaagat.org)



29/02/2024

### **[ASIA] Garuda Aerospace secures orders for 500 agricultural drones under NaMo Drone Didi scheme**

NAMO Drone Didi scheme helps women become integral stakeholders of their local farming supply chains and rural prosperity. Garuda Aerospace has trained over 185 rural women under this scheme since its launch...

[agriculturepost.com](http://agriculturepost.com)



29/02/2024

### **[EUROPE] Syngenta Teams Up with IBM and Maxygen to Revolutionize Agricultural Technology**

(IN BRIEF) Syngenta Group, a leading global agriculture technology company, has announced key collaborations stemming from its innovation accelerator platform, Shoots by Syngenta, launched in 2023. These collaborations involve partnerships with IBM Research and US biotech firm Maxygen, aiming to revolutionize chemical synthesis optimization and enhance molecular enabling technology, respectively. The partnerships leverage cutting-edge methodologies to address agricultural challenges efficiently. ...

[news.europawire.eu](http://news.europawire.eu)

## **Institutions**



27/02/2024

### **[AFRICA] Agriculture digitale : AgroSfer, l'AUF et la FSA lancent une formation certifiante**

Dans sa dynamique de contribuer à la transformation de l'agriculture en Afrique grâce aux solutions technologiques, AgroSfer, en collaboration avec l'unité de Génétique, Biotechnologie et Science des Semences de la Faculté des Sciences Agronomiques (FSA) de l'Université d'Abomey-Calavi, et l'Agence universitaire de la francophonie (Auf) au Bénin, offre une opportunité unique de formation certifiante en [...]

[matinlibre.com](http://matinlibre.com)



23/02/2024

### **[AMERICA] New program combines technology and farming**

Community College's Russ Edwards School of Agriculture & Environment is launching a new two-year advanced diploma program. Digital Agriculture Technology is designed to integrate conventional agricultural practices with emerging digital technologies. The program starts in September 2024 and includes a work integrated learning placement between the first and second year.

[discoverwestman.com](http://discoverwestman.com)



28/02/2024

## [ASIA] BharatRohan and AgHub Partner to Revolutionize Agriculture with Drone and Hyperspectral Imaging Tech

In a significant leap forward for agricultural technology and sustainable farming practices, BharatRohan has joined forces with AgHub of Professor Jayashankar Telangana State Agricultural University (PJTSAU) to usher in a new era of crop monitoring. This co-innovation partnership aims to harness the power of hyperspectral imaging and drone technology to significantly enhance pest and disease detection in paddy and cotton crops, potentially reducing agricultural losses by 20-30%.

[bnnbreaking.com](http://bnnbreaking.com)



26/02/2024

## [ASIA] Agricultural Drone Policy in Maharashtra: Cultivating Innovation in Farming

MUMBAI, 26 February 2024: The state of Maharashtra, known as the agricultural heartland of India, has been witnessing a transformative shift in farming practices with the integration of advanced technologies like agricultural drones.

[agriculture.einnews.com](http://agriculture.einnews.com)

## Événements / Events

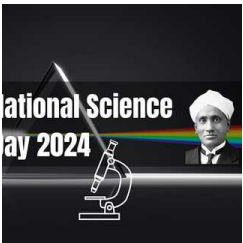
Formations, publications majeures, think Tank, événements



06/02/2024

## [AMERICA] St. Louis' world-famous innovator offers a vision for the future of high-tech farms

ReACH Innovation Summit on Regenerative Agriculture, co-hosted by BioSTL and Bayer, launches efforts to develop local testbed hubs for new technologies for tomorrow's agriculture St. Louis, Missouri, February 6, 2024 (Globe Newswire) — St. Louis, Missouri (February 7, 2024) Some of agriculture's most outside-the-box thinkers are converging in St. Louis. will pitch its vision for tomorrow's agriculture at the inaugural ReACH Innovation Summit hosted by BioSTL and Bayer.



28/02/2024

## [ASIA] National Science Day: Celebrating Innovation in Agriculture through Spectroscopy

National Science Day 2024: Celebrating Innovation in Agriculture through Spectroscopy Every year on February 28, National Science Day is widely observed in India to honor Sir C.V. Raman's 1928 discovery of the Raman Effect. It serves as a reminder of the importance of scientific research and its contributions to society. In the context of agriculture, Sir C.V. Raman's discovery of Raman spectroscopy is an innovative breakthrough. There are various applications of spectroscopy in agriculture, mak...

03/02/2024

## [ASIA] ASEAN-IVO Project in Malaysia: UTM Advancing Agriculture Through Cutting-Edge Technology

ASEAN IVO is an ICT Virtual Organization of ASEAN Institutes, and NICT is a global alliance of ICT R&D institutes and universities in the ASEAN region and Japan. In a groundbreaking move towards agricultural innovation, the NICT ASEAN-IVO PJ2022 Project on Agricultural IoT based on Edge Computing reached a significant milestone during its second meeting held in Malaysia from January 15th to 17th, 2024, hosted by Universiti Teknologi Malaysia (UTM) and led by Ts. Dr. Norulhusna Ahmad and team.

## Médias / Media

Impact du numérique dans les médias



26/02/2024

### [ASIA] How Two Women Are Redefining Indian Agriculture With Drone Technology

In the verdant expanses of Hyderabad, a revolution quietly takes shape, propelled by the dreams and determination of two women, Bhimreddy Madhavi and Nisha. Their groundbreaking use of drone technology in the agricultural sector is not just transforming the way farming is done but is also challenging the traditional roles and expectations set for women in rural India.

[bnnbreaking.com](http://bnnbreaking.com)



23/02/2024

### [EUROPE] Smart Farming and the Transition to Regenerative Ag: Why Are EU Farmers Struggling With Climate Cognitive Dissonance?

Kynetec's recent Farmer Engagement Survey shows that while EU farmers understand the biggest risks to their farms in the mid-term, they aren't using readily available tools to manage these threats. Is it surprising that farmers recognize the practical work that needs to be done on-farm to manage the effect of climate change, but are unsure on how to make long-term management progress using the vast amount of information available?

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)



02/02/2024

### [EUROPE] Agriculture "de précision", hydrogène, drones : la technologie peut-elle vraiment réduire le bilan carbone agricole ?

L'agriculture est responsable de 19% des émissions de gaz à effet de serre, sans compter la dégradation des sols et l'usage de pesticides dangereux pour la biodiversité. Mais des innovations technologiques pourraient changer la donne.

[france3-regions.francetvinfo.fr](http://france3-regions.francetvinfo.fr)



26/02/2024

### [GLOBAL] Is IoT the answer to the agriculture industry's ESG challenges?

The agricultural sector is highly dependent on the climate and is adversely affected by climate change. According to a study by the Applied School of Economics at Cornell University, global warming has caused a 21% fall in global farming productivity since the 1960s. Extreme weather events, especially floods and droughts, can be especially damaging to the agricultural sector.

[www.verdict.co.uk](http://www.verdict.co.uk)

07/02/2024

## [GLOBAL] Revolutionizing Farming: Cutting-Edge Imaging Technology Unveils the Future of Precision Agriculture

These technologies facilitate the collection of high-resolution data, allowing farmers to monitor crop health, detect diseases, assess nutrient levels, and identify areas requiring intervention. With advancements in sensor technology, imaging solutions have become more accessible, affordable, and easier to integrate with existing agricultural machinery and management systems.

[www.AgriTechTomorrow.com](http://www.AgriTechTomorrow.com)



02/02/2024

### [GLOBAL] GAO: Many barriers to precision agriculture beyond cost

Precision agriculture equipment, such as yield monitors, have been available since the 1990s, yet farmer adoption of the technology has been slow, said a congressional report on Thursday that listed a half-dozen barriers beyond high acquisition costs... The GAO discussed seven policy options to encourage greater use of precision agriculture, to encourage further innovation in the field, and how to manage the data generated by the technology.

[agriculture.einnews.com](http://agriculture.einnews.com)



02/02/2024

### [GLOBAL] Blockchain in Agriculture Market Size Is Estimated To Growing At A CAGR Of 47% By 2030

The Blockchain in Agriculture market has emerged as a transformative force in the agricultural industry, introducing a decentralized and transparent approach to supply chain management, traceability, and data exchange. Leveraging blockchain technology, stakeholders across the agricultural ecosystem can enhance efficiency, ensure authenticity, and promote sustainability. This overview explores key aspects, trends, and recent developments within [...]

[www.newstrail.com](http://www.newstrail.com)

*Cette newsletter est réalisée par l'équipe de veille de [Institut Convergences Agriculture Numérique](#).*

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## Sommaire

### Technos

- [AFRICA] Revolutionising farming with mobile technology
- [AMERICA] Technews: The latest in agricultural technology from around the world
- [AMERICA] Agriculture technology company develops solution to control pests without chemicals: 'A sustainable and organic solution to this pressing need'
- [ASIA] FMC Launches Arc™ Farm Intelligence Platform in India
- [ASIA] 'Crops Drought' app launched to tackle adverse effects of climate change on agriculture
- [EUROPE] The TRUTH project: Transforming the future of Britain's soil health analysis with a farmer-led platform
- [EUROPE] Compact navigation systems for unmanned drones of the future
- [GLOBAL] From Sunlight to Sustainability: 15 Ways to Use Solar Technology in Agriculture

### Vie des sociétés de l'AgTech / Entreprises

- [AMERICA] Huawei Partners for Smart Agriculture Advancement in Latin America and the Caribbean
- [ASIA] ICAR-CTCRI Secures Patent for Smart Farming e-Crop IoT Device

### Recherche / Research

- [AFRICA] Study reveals climate-smart agriculture cuts greenhouse gases

### Institutions

- [AFRICA] Digital agriculture in FAO projects in sub-Saharan Africa
- [ASIA] ICAR, Dhanuka Agritech sign MoU to strengthen research and extension activities
- [EUROPE] Companies and knowledge institutions develop smart agricultural robots
- [EUROPE] European food innovation alliance launches €30m regenerative agriculture initiative

### Événements

- [ASIA] ITU & FAO Workshop Explores IoT and AI's Role in Advancing Smart Agriculture
- [ASIA] Women's Day Special: Meet Visionary Women Agripreneurs Nurturing Innovation in Indian Agriculture
- [EUROPE] French tech startups featured at World Agritech Innovation Summit

## Medias

- [AMERICA] Revolutionizing Agriculture: The Growing Impact of Variable Rate Technology
- [AMERICA] Elon Musk and Larry Ellison Partner on AI for Super-Smart Agriculture
- [EUROPE] Agri-Informatics: Protecting Data Science Innovation In Agriculture
- [GLOBAL] Agriculture IoT Sensor Market share, Market trends, and forecasts from 2024 to 2031.
- [GLOBAL] Continental's Study Reveals Global Disparities in Agricultural Digitalization

## Technos



21/03/2024

### [AFRICA] Revolutionising farming with mobile technology

When most Malawians think of farming, they envision hardworking individuals cultivating the land under the sun, often using traditional tools like hoes, and facing challenges like unpredictable weather and low incomes.

[times.mw](https://www.times.mw)



18/03/2024

### [AMERICA] Technews: The latest in agricultural technology from around the world

Last month we showed the top five contenders for the Ag Robot of the Year title in a competition run by Future Farming. The panel of judges chose the Tortuga AgTech strawberry and table grape harvesting robot as the winner. The robot is primarily designed for harvesting, but can also collect data for forecasts, treat plants with UV-C light and perform trimming.

[proagri.co.za](https://www.proagri.co.za)



15/03/2024

### [AMERICA] Agriculture technology company develops solution to control pests without chemicals: 'A sustainable and organic solution to this pressing need'

Agriculture technology company develops solution to control pests without chemicals: 'A sustainable and organic solution to this pressing need'. Organic pest control company M3 Agriculture Technologies received a \$1 million grant from the National Nuclear Security Administration's Office of Radiological Security in October to develop an X-ray-based approach to insect suppression and eradication...

[www.thecooldown.com](https://www.thecooldown.com)



21/03/2024

### [ASIA] FMC Launches Arc™ Farm Intelligence Platform in India

21 March 2024, New Delhi: FMC India has launched its innovative precision agriculture platform Arc™ farm intelligence in India. The new offering is aimed at encouraging smarter agricultural practices for farmers, advisers and channel partners.

[www.en.krishakjagat.org](https://www.en.krishakjagat.org)

18/03/2024

## [ASIA] 'Crops Drought' app launched to tackle adverse effects of climate change on agriculture

DAE Director-General Anchalee Suvachittanont highlighted that 'Crops Drought' offers users essential information such as real-time soil moisture data, weather forecasts, and early identification of drought-prone areas up to four months ahead.

[www.pattayamail.com](http://www.pattayamail.com)

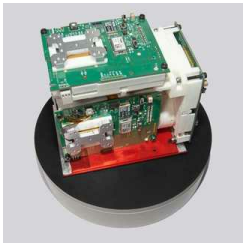


18/03/2024

## [EUROPE] The TRUTH project: Transforming the future of Britain's soil health analysis with a farmer-led platform

The Thriving Roots Underpinning Total Soil Health (TRUTH) project funded through Defra's Farming Innovation Programme and delivered by Innovate UK is a £1M innovative three-year research initiative set to redefine our understanding of soil and root health.

[www.potatonewstoday.com](http://www.potatonewstoday.com)



22/03/2024

## [EUROPE] Compact navigation systems for unmanned drones of the future

When Unmanned Aerial Vehicles (UAVs) or drones are used to survey industrial buildings, map terrain, or transport cargo for the logistics sector, they need to be as lightweight as possible, but carry the greatest possible payload. German institute Fraunhofer IZM has developed a compact and lightweight navigation unit (IMU) for such drones, which enables centimeter-perfect accuracy that was previously unattainable for civilian applications.

[www.futurefarming.com](http://www.futurefarming.com)



19/03/2024

## [GLOBAL] From Sunlight to Sustainability: 15 Ways to Use Solar Technology in Agriculture

As the sun shines bright, solar technology has the potential to revolutionize sustainable agriculture. From powering irrigation systems to running equipment, solar energy offers multifaceted solutions. By harnessing the sun's energy, farmers can reduce reliance on fossil fuels, cutting emissions and costs.

[agriculture.einnews.com](http://agriculture.einnews.com)

## Vie des sociétés de l'AgTech / Entreprises



01/03/2024

## [AMERICA] Huawei Partners for Smart Agriculture Advancement in Latin America and the Caribbean

Huawei, the prominent Chinese multinational technology corporation, has announced its collaborative efforts with international organizations and local partners to drive the adoption of artificial intelligence (AI) in agriculture across Latin America and the Caribbean. The initiative, unveiled during the Smart Agriculture Roundtable at Mobile World Congress 24 in Barcelona, aims to propel digital development within the agricultural sector, starting with joint innovation pilots.

[agriculture.einnews.com](http://agriculture.einnews.com)



14/03/2024

### [ASIA] ICAR-CTCRI Secures Patent for Smart Farming e-Crop IoT Device

CTCRI has achieved a significant milestone in the area of agricultural technology with the development of the Electronic Crop (e-Crop), an innovative IoT device designed for smart farming. Recently, the Indian Patent Office granted a patent for this groundbreaking invention, marking a crucial moment in the agricultural sector...

[krishijagran.com](http://krishijagran.com)

## Recherche / Research



17/03/2024

### [AFRICA] Study reveals climate-smart agriculture cuts greenhouse gases

Dr Jerry Dlamini's pioneering study reveals promising strategies to reduce greenhouse gas emissions in South African rainfed agriculture, offering hope for sustainable farming practices and climate resilience. His current project, @CROPGas on X, focuses on investigating the impact of various conservation agriculture interventions on greenhouse gas emissions, primarily targeting nitrous oxide (N<sub>2</sub>O), methane (CH<sub>4</sub>), and carbon dioxide (CO<sub>2</sub>)...

[www.foodformzansi.co.za](http://www.foodformzansi.co.za)

## Institutions



27/03/2024

### [AFRICA] Digital agriculture in FAO projects in sub-Saharan Africa

The report analyses 72 FAO activities and projects in Africa, spanning various agricultural subsectors and sub-regions, and how they harnessed digitalization. It highlights where more investment is needed from FAO and others. Two sets of recommendations are made...

[paepard.blogspot.com](http://paepard.blogspot.com)



20/03/2024

### [ASIA] ICAR, Dhanuka Agritech sign MoU to strengthen research and extension activities

The key focus area of the MoU is engagement in farmer training programmes along with demonstrations and jointly publishing literature as well as other media to promote modern agricultural practices...

[agriculturepost.com](http://agriculturepost.com)



18/03/2024

### [EUROPE] Companies and knowledge institutions develop smart agricultural robots

A consortium of companies and knowledge institutions from the Northern Netherlands, led by research institute TNO, is focusing on the development, delivery, and use of agrobots in agriculture and horticulture.

[www.futurefarming.com](http://www.futurefarming.com)

14/03/2024

## [EUROPE] European food innovation alliance launches €30m regenerative agriculture initiative

Food innovation organisations in Europe have recently unveiled a €30m initiative aimed at advancing regenerative agriculture practices across the continent. This collaborative effort, led by EIT Food, seeks to demonstrate solutions and facilitate partnerships within the agrifood value chains...

[www.foodbev.com](http://www.foodbev.com)

## Événements



18/03/2024

### [ASIA] ITU & FAO Workshop Explores IoT and AI's Role in Advancing Smart Agriculture

The program focuses on how Artificial Intelligence (AI), Internet of Things (IoT) and other advanced technologies can revolutionize agricultural practices around the world.

[krishijagan.com](http://krishijagan.com)



07/03/2024

### [ASIA] Women's Day Special: Meet Visionary Women Agripreneurs Nurturing Innovation in Indian Agriculture

Recognizing and empowering women is not merely a matter of gender equality; it's a crucial step towards creating lasting change in rural communities.

[krishijagan.com](http://krishijagan.com)



05/03/2024

### [EUROPE] French tech startups featured at World Agritech Innovation Summit

As part of the French Tech Mission, a French government agency that aims to help build and grow France's startup ecosystem, six innovative French agritech and foodtech startups were selected to participate in this March's World We will exhibit at the Agritech Innovation Summit [...]

[exbulletin.com](http://exbulletin.com)

## Medias



21/03/2024

### [AMERICA] Revolutionizing Agriculture: The Growing Impact of Variable Rate Technology

The agricultural industry has undergone a revolutionary change in recent years with the introduction of variable rate technology (VRT). The VRT is a modern farming technique that allows the farmers to vary the rate of input such as seeds, fertilizer, herbicide, and water according to the specific requirement of the field.

[mnmblog.org](http://mnmblog.org)



14/03/2024

## **[AMERICA] Elon Musk and Larry Ellison Partner on AI for Super-Smart Agriculture**

Elon Musk's SpaceX and Larry Ellison's Oracle are joining forces to develop a farming-centric AI tool that will come in handy for planning and predicting agricultural output. During Oracle's earnings call earlier this week, Ellison announced that the computer technology company will be teaming up with Musk-led SpaceX. This collaboration will aim at developing an AI-powered mapping application for governments...

[www.ibtimes.co.uk](http://www.ibtimes.co.uk)

21/03/2024

## **[EUROPE] Agri-Informatics: Protecting Data Science Innovation In Agriculture**

From nets of environmental sensors and smart irrigation networks to AI-guided tractors and drone-mounted crop surveillance, there is something altogether digital going on down on the farm.

[www.mondaq.com](http://www.mondaq.com)



07/03/2024

## **[GLOBAL] Agriculture IoT Sensor Market share, Market trends, and forecasts from 2024 to 2031.**

The Agriculture IoT Sensor Market is expected to grow at a CAGR of 4.00% during the forecasted period, driven by the increasing adoption of smart farming techniques and the need for efficient resource management in agriculture. The market is witnessing a surge in demand for IoT solutions that can help farmers improve crop yield, reduce production costs, and minimize environmental impact...

[www.openpr.com](http://www.openpr.com)

18/03/2024

## **[GLOBAL] Continental's Study Reveals Global Disparities in Agricultural Digitalization**

Continental, in collaboration with Innofact AG, conducted a study titled "Agriculture in transition," surveying 503 farmers across five countries, shedding light on the digitalization levels in agriculture worldwide. The findings indicate varying degrees of digital adoption, with some farmers leveraging technologies like artificial intelligence and robotics, while others lag behind...

[news.europawire.eu](http://news.europawire.eu)

*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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## Sommaire

### Technos

- [AMERICA] Solinftec launches agricultural spraying robot
- [ASIA] Launch of Oryza - Revolutionizing Agriculture Through Technology
- [EUROPE] AgXeed autonomous tractor arrives in Scotland through SoilEssentials partnership
- [EUROPE] This poison shooting robot could be the future of agriculture

### Vie des sociétés de l'AgTech / Entreprises

- [AFRICA] SIAM 2024 : AgriEdge présente sa nouvelle offre en agriculture de précision
- [AFRICA] Nigerian agritech startup Kitovu makes Qualcomm Make in Africa 2024 cohort
- [AFRICA] On a Tanzanian espresso farm, technology 'listens' to plants
- [EUROPE] Nirby: The Agritech Innovator Clinching Global Awards
- [EUROPE] French agritech startup raises 8.5 million euros

### Institutions

- [AMERICA] Organic Agriculture Program Video Documents Drone Use for Red Clover
- [EUROPE] Project to launch fully autonomous agriculture system for low Earth orbit

### Événements

- [AMERICA] Smart digital agriculture
- [AMERICA] Dominican Republic hosts third Latin American Congress of Precision Agriculture

### Medias

- [AFRICA] Innovative Agritech Solutions: Modernizing Agriculture in Africa
- [AMERICA] Drone swarms could replace farm workers
- [ASIA] Reinventing Indian agriculture - How farmers can benefit from IOT and AI
- [ASIA] Sri Lanka accelerates agritech innovation using drones
- [EUROPE] Why bearings will be essential to Agriculture 4.0



26/04/2024

## [AMERICA] Solinftec launches agricultural spraying robot

Solinftec, a global leader in artificial intelligence solutions and sustainable agricultural practices, has announced that its Solix Sprayer Robot is now commercially available to farmers, cooperatives and ag-retailers, and will be on farms around the country this month. In addition to Solinftec's existing Solix Scouting Robot, the newer Solix Sprayer is designed to detect and [...]

[roboticsandautomationnews.com](https://roboticsandautomationnews.com)

10/04/2024

## [ASIA] Launch of Oryza - Revolutionizing Agriculture Through Technology

UNITED STATES, April 10, 2024 /EINPresswire.com/ -- Today marks the official launch of Oryza, a trailblazing agritech platform set to transform the agricultural sector in India and beyond. Oryza is born from the vision that technology is the key to revolutionizing farming, offering sustainable, efficient, and equitable solutions that empower farmers, foster partnerships, and collaborate with governments and organizations toward a common goal of agricultural advancement.

[agriculture.einnews.com](https://agriculture.einnews.com)



29/04/2024

## [EUROPE] AgXeed autonomous tractor arrives in Scotland through SoilEssentials partnership

Developed and manufactured by AgXeed B.V. in The Netherlands, this cutting-edge agricultural technology represents a significant advancement in farm automation.

[www.farminglife.com](https://www.farminglife.com)



09/04/2024

## [EUROPE] This poison shooting robot could be the future of agriculture

If you could detect weeds and simply spray them, precisely, even one drop of poison can be enough. That's what some researchers in Norway thought. They developed a robot that can identify crop plants and spray the undesired weeds with a strategic drop of poison. The system can currently handle carrots, parsley root, spinach, radish, rocket, baby leaves and celeriac. Application with other plants is still in development...

[www.zmescience.com](https://www.zmescience.com)

## Vie des sociétés de l'AgTech / Entreprises



30/04/2024

## [AFRICA] SIAM 2024 : AgriEdge présente sa nouvelle offre en agriculture de précision

AgriEdge poursuit son développement avec la mise en avant de trois jalons lors de sa participation au Salon International de l'Agriculture au Maroc (SIAM), qui s'est tenu à Meknès du 22 au 28 avril.

[industries.ma](https://industries.ma)



30/04/2024

## [AFRICA] Nigerian agritech startup Kitovu makes Qualcomm Make in Africa 2024 cohort

Nigerian agriculture technology company, Kitovu has been shortlisted for the Qualcomm Make in Africa 2024 cohort. This was revealed by Qualcomm Incorporated while announcing the shortlisted African startups for the cohort.

[technext24.com](https://technext24.com)



08/04/2024

## [AFRICA] On a Tanzanian espresso farm, technology 'listens' to plants

There's nothing like a steaming hot, morning brew to start the day. But before it reaches your table, its journey begins on a coffee bean farm — often in the developing world and, increasingly, impacted by climate change.

[newsroom.cisco.com](https://newsroom.cisco.com)



27/04/2024

## [EUROPE] Nirby: The Agritech Innovator Clinching Global Awards

Piotr Lazarek's agritech startup Nirby has achieved an outstanding victory at the Startup Challenge hosted by the University of Pennsylvania in 2024. The Polish company, hailing from Pawłowice, Silesia, was recognized for its groundbreaking application of AI, satellite data, and drone technology in the agricultural sector. The startup's impressive suite of tools promises to catalyze a shift toward more efficient and environmentally friendly farming practices around the world.

[elblog.pl](https://elblog.pl)



09/04/2024

## [EUROPE] French agritech startup raises 8.5 million euros

The French agricultural technology company Weenat aims to strengthen the resilience of agriculture to climate change through the use of cutting-edge technologies. For this purpose, the startup developed a wireless weather station and has since gained a lot of know-how in the area of sensor technology.

[www.breakinglatest.news](https://www.breakinglatest.news)

## Institutions



09/04/2024

## [AMERICA] Organic Agriculture Program Video Documents Drone Use for Red Clover

The Iowa State University Organic Agriculture Program recently used a drone to frost-seed red clover into these hybrid rye plots at the Neely-Kinyon Memorial Research and Demonstration Farm in Iowa.

[www.morningagclips.com](https://www.morningagclips.com)

10/04/2024

## [EUROPE] Project to launch fully autonomous agriculture system for low Earth orbit

A project that will prototype a fully autonomous agriculture system for low Earth orbit is set to receive £1.5 million in funding. The project aims to launch the in-orbit space farm on the world's first commercial space station, constructed by Axiom Space and due to be in orbit in 2026. Launched by the ARC Centre of Excellence in Plants for Space (P4S) and London-based Vertical Future (VF), the project is supported by UK Space Agency, NASA and the Australian Space Agency.



[agriculture.einnews.com](https://agriculture.einnews.com)

## Événements



27/04/2024

### [AMERICA] Smart digital agriculture

Could a hackathon help unleash powerful technology like artificial intelligence (AI) to help farmers work more efficiently and make smarter management decisions, from pest management to grain marketing?

[agriculture.einnews.com](https://agriculture.einnews.com)



10/04/2024

### [AMERICA] Dominican Republic hosts third Latin American Congress of Precision Agriculture

The Government Office of Information and Communication Technologies (OGTIC) and the Innovation Cabinet spearheaded the Third Latin American Congress of Precision Agriculture (CLAP2024) as part of the opening of Dominicana INNOVA 2024. This event aims to foster research and development in precision agriculture technologies and highlight the latest scientific advancements for managing spatial variability in sustainable farming.

[dominicanoday.com](https://dominicanoday.com)

## Medias



08/04/2024

### [AFRICA] Innovative Agritech Solutions: Modernizing Agriculture in Africa

Innovative agritech solutions are playing a crucial role in modernizing agriculture in Africa, addressing various challenges such as limited access to resources, climate change, and food security. These technologies leverage digital tools, data analytics, and precision farming techniques to optimize agricultural practices, improve productivity, and enhance sustainability. Here are some examples of innovative agri-tech solutions [...] The post Innovative Agritech Solutions: Modernizing Agriculture...

[techjistafrica.com](https://techjistafrica.com)

07/04/2024

## [AMERICA] Drone swarms could replace farm workers

"The fruits and vegetables you eat may soon be cultivated and processed by an army of drones and robots, some powered by artificial intelligence. In fact, it's already happening on farms across America," reports CBS News: Hyllo, a Houston-based tech company, was granted an exemption from the Federal Aviation Administration in February for a single [...]

[libertyunyielding.com](http://libertyunyielding.com)



30/04/2024

## [ASIA] Reinventing Indian agriculture - How farmers can benefit from IOT and AI

For long the Indian agriculture industry has been working with primitive methods of farming. Given the diversity and complexity of the industry, any reforms must prioritise maintaining farmers at the forefront of the industry. The advent of technology introduced the farmers to benefits of using modern equipment and ultimately increasing crop yield, leading to better income and a better life.

[agriculture.einnews.com](http://agriculture.einnews.com)

11/04/2024

## [ASIA] Sri Lanka accelerates agritech innovation using drones

Sri Lanka is transforming its agricultural industry by leveraging technological innovations such as high-resolution imagery, geothermal mapping and more detailed data collection using drones. With the aim of revolutionizing agriculture, the Bank of Ceylon has stepped in to provide financial support for Sri Lanka's first 100 agricultural drone pilot project...

[exbulletin.com](http://exbulletin.com)



11/04/2024

## [EUROPE] Why bearings will be essential to Agriculture 4.0

According to the European Commission (EC), "The digitalisation of the European agricultural sector has the potential to revolutionise the industry, promoting efficiency, sustainability and competitiveness". New technologies, including smart actuators and intelligent sensors will be vital to Agriculture 4.0 and 'precision agriculture'.

[demm.co.nz](http://demm.co.nz)

*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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## Sommaire

### Technos

- [ASIA] Top five game-changing technology-based solution providers for precision farming
- [ASIA] DJI launches the Agras T50 and T25 drones for precision agriculture
- [EUROPE] Innovative Tech Battles Agricultural Pests with AI in Valencia
- [EUROPE] Dutch agritech firm Agcurate acquires Azerbaijan-based Dr. Agro: Here's why
- [GLOBAL] Robots in Precision Agriculture: Recent Advancements
- [OCEANIA] Agovor launches autonomous lightweight robot tractor GOVOR

### Vie des sociétés de l'AgTech / Enterprises

- [AMERICA] SVG Ventures Announces Follow-On Investment in Verdi, a Leader in Sustainable AgTech Innovation
- [AFRICA] Expert Dissects Crucial Role of Technology in Driving Nigeria's Agriculture Sector
- [ASIA] Farmart, An Agritech Startup Secured \$2.8 Million To Optimise The Supply Chain
- [ASIA] MTN leverages digital technology to enhance precision farming
- [ASIA] We take a look at the top 5 agritech startups and companies in Indonesia
- [EUROPE] Planet and BASF Digital Farming Expand Strategic Partnership to Enhance Smart Farming Solutions From Space

### Institutions

- [EUROPE] Iberdrola seeks startups to inspect and digitize its offshore wind farms
- [EUROPE] The AGRARIA Project Leverages Artificial Intelligence in Agriculture to Address the Water Crisis

### Événements

- [AMERICA] Exciting Lineup Announced for 2024 AgTech Connect Conference in Nebraska

## Medias

- [ASIA] Dairy Farm Technology in India: The Future of Dairy Husbandry
- [ASIA] The Future of Agriculture: Drone Technology Trends
- [EUROPE] 'Precision agriculture is making farming more dependent on technology' - Future Farming
- [GLOBAL] Tech Meets Agriculture: Innovators in FoodTech Shaping the Future
- [GLOBAL] Innovations in Agribusiness: Key Insights into Precision Agriculture
- [GLOBAL] AgTech Advancements Powering Farming Innovations
- [GLOBAL] Modern Sheep Farming Technology: The Future of Sheep Husbandry
- [GLOBAL] Revolutionizing Agriculture Research Paper Writing with Big Data
- [GLOBAL] Data, drones can improve local agriculture

## Technos



02/05/2024

### [ASIA] Top five game-changing technology-based solution providers for precision farming

Mumbai: The agriculture sector is currently attempting to feed a growing global population sustainably while dealing with major issues including resource depletion and climate change. To improve agricultural practices, precision farming makes use of a variety of technology, including sensors, GPS, drones, artificial intelligence, and microbial-based solutions. These technologies enable farmers to monitor crop health, soil conditions, and weather patterns precisely, improving crop quality and incr...

[indiantelevision.com](http://indiantelevision.com)



20/05/2024

### [ASIA] DJI launches the Agras T50 and T25 drones for precision agriculture

Chinese drone maker DJI has launched the Agras T50 and Agras T25 drones for agricultural applications. The drones are designed to deliver precision services in agricultural operations. The two drones are available in the global market.

[www.gizmochina.com](http://www.gizmochina.com)



19/05/2024

### [EUROPE] Innovative Tech Battles Agricultural Pests with AI in Valencia

The ITI technology center is revolutionizing agriculture in Valencia by providing innovative solutions to the region's cooperative farming networks. With a focus on the agricultural cooperative Coarval, ITI is spearheading the MoTIA3 project to tackle the prevalent issue of whitefly infestations that threaten citrus and persimmon crops using advanced Artificial Intelligence (AI) techniques....

[elblog.pl](http://elblog.pl)



03/05/2024

### [EUROPE] Dutch agritech firm Agcurate acquires Azerbaijan-based Dr. Agro: Here's why

Agcurate, an agritech startup based in Arnhem, the Netherlands, has announced its acquisition of Dr. Agro, a prominent player in Azerbaijan known for its agronomy expertise and extensive network in the region's agriculture scene.

[siliconcanals.com](http://siliconcanals.com)



21/05/2024

### [GLOBAL] Robots in Precision Agriculture: Recent Advancements

In a recent article published in the journal Future Internet, researchers proposed a low-cost linear robotic camera system specifically designed to automatically capture images of plants growing within a greenhouse. Their system aims to streamline plant growth monitoring and data analysis for researchers and growers interested in precision agriculture and plant phenotyping.

[www.azorobotics.com](http://www.azorobotics.com)



22/05/2024

### [OCEANIA] Agovor launches autonomous lightweight robot tractor GOVOR

New Zealand company Agovor has launched an autonomous lightweight electric tractor, designed to automate outdoor manual labour tasks

[www.futurefarming.com](http://www.futurefarming.com)

## Vie des sociétés de l'AgTech / Entreprises



23/05/2024

### [AMERICA] SVG Ventures Announces Follow-On Investment in Verdi, a Leader in Sustainable AgTech Innovation

Today, SVG Ventures reaffirms its commitment to sustainable agriculture by announcing a follow-on investment in Verdi, the trailblazing agriculture technology startup, through its Pioneer Fund. This new funding aims to further propel Verdi's expansion and enhance its innovative personalized plant health\care platform across North America.

[www.en.krishakjagat.org](http://www.en.krishakjagat.org)



28/05/2024

### [AFRICA] Expert Dissects Crucial Role of Technology in Driving Nigeria's Agriculture Sector

Dr. Oluwatoyin Adetunji, a TAAT value chain specialist and panelist at the launch of the Young Tech Farmers (YTF) Club at the University of Lagos, Akoka, Lagos, emphasized the crucial role of technology in driving Nigeria's agricultural sector forward. According to her, Nigeria has the resources...

[agronigeria.ng](http://agronigeria.ng)



29/05/2024

### [ASIA] Farmart, An Agritech Startup Secured \$2.8 Million To Optimise The Supply Chain

Farmart is an Agritech startup that has secured \$2.8 million in a financing round from the Swiss asset manager responsibility Investments. The startup will use these fresh proceeds to strengthen and grow towards a carbon-efficient food supply chain. While scaling up the business Farmart aims for more public exposure and market demand.

[www.scoopearth.com](http://www.scoopearth.com)



22/05/2024

### [ASIA] MTN leverages digital technology to enhance precision farming

The digitisation of agriculture is a game-changer for overcoming traditional challenges and achieving sustainable practices. By leveraging data and digital tools, farmers gain real-time insights into their livestock, allowing for optimised resource use.

[www.farmersweekly.co.za](http://www.farmersweekly.co.za)



02/05/2024

### [ASIA] We take a look at the top 5 agritech startups and companies in Indonesia

The agritech landscape in Southeast Asia holds excellent promise as stakeholders combine agriculture and technology to address the region's food insecurity challenges. According to the State of Food Security and Nutrition in the World 2022 report by the Food and Agriculture Organisation (FAO) and other partners, an estimated 6.3% of residents were at risk of going hungry or running out of food in 2021.

[techcollectivesea.com](http://techcollectivesea.com)

21/05/2024



### [EUROPE] Planet and BASF Digital Farming Expand Strategic Partnership to Enhance Smart Farming Solutions From Space

Through this strategic partnership, BASF Digital Farming is growing its use of Planet satellite data products to power its advanced digital farming products and services from its xarvio® Digital Farming Solutions brand.

[www.AgriTechTomorrow.com](http://www.AgriTechTomorrow.com)

## Institutions

23/05/2024

### [EUROPE] Iberdrola seeks startups to inspect and digitize its offshore wind farms

Iberdrola has reported this Friday that it is looking for 'startups' to inspect and digitize its offshore wind farms with the aim of finding solutions that allow this type of farm to be improved with fully autonomous or remote-controlled equipment.

[www.fxtribune.com](http://www.fxtribune.com)

21/05/2024

### [EUROPE] The AGRARIA Project Leverages Artificial Intelligence in Agriculture to Address the Water Crisis

At a time when the Spanish water reserve is critically low, with only 54.7% of its total capacity at the beginning of March, the AGRARIA project has emerged as a beacon of hope for the Spanish agri-food sector. This project is funded through the Artificial Intelligence R&D Missions Program of the State Secretariat for Digitalization and Artificial Intelligence (SEDIA) of the Ministry for Digital Transformation and Public Administration and is primarily aimed at using advanced technologies to ...

[www.gmv.com](http://www.gmv.com)



## Événements

23/05/2024

## [AMERICA] Exciting Lineup Announced for 2024 AgTech Connect Conference in Nebraska

The third annual AgTech Connect conference includes a keynote from AGCO Ventures, startups showcasing an autonomous feed truck and micro-tractor, and an agricultural producer panel with farmers and ag service providers. (Courtesy image)

[www.morningagclips.com](http://www.morningagclips.com)

## Medias



21/05/2024

### [ASIA] Dairy Farm Technology in India: The Future of Dairy Husbandry

A more sustainable and efficient future is now possible for dairy farming in India because of recent major technology breakthroughs. Dairy producers are adopting cutting-edge technology to increase animal comfort and production, from automated milking equipment to precision feeding methods.

[tech.einnews.com](http://tech.einnews.com)

18/05/2024

### [ASIA] The Future of Agriculture: Drone Technology Trends

Drone technology improves sustainability, efficiency, and production in agriculture, revolutionizing farming practices. Drones can revolutionize the landscape through precision farming, automated tracking, and information-driven selection. For farmers everywhere, this generation embarks on a new era of sustainability and manufacturing.



[www.tycoonstory.com](http://www.tycoonstory.com)



28/05/2024

### [EUROPE] 'Precision agriculture is making farming more dependent on technology' - Future Farming

Today artificial intelligence (AI) is almost on everyone's lips and the farming sector cannot avoid it. Even though farming is seen as a more conservative domain, the truth is that precision agriculture is making farming more dependent on technology.

[www.futurefarming.com](http://www.futurefarming.com)

29/05/2024

### [GLOBAL] Tech Meets Agriculture: Innovators in FoodTech Shaping the Future

The rapid adoption of new technologies in agriculture and food production is transforming the industry, creating unprecedented opportunities to tackle global hunger. Companies at the forefront of this high-tech revolution are integrating sustainable practices and cutting-edge innovations to ensure food security for all.

[agriculture.einnews.com](http://agriculture.einnews.com)



21/05/2024

### [GLOBAL] Innovations in Agribusiness: Key Insights into Precision Agriculture

AGDAILY and its parent company were paid a fee to publish this article unedited. The views or opinions expressed here are those of the author and may not reflect those of AGDAILY or any of its affiliates.

[agriculture.einnews.com](http://agriculture.einnews.com)

20/05/2024

## [GLOBAL] AgTech Advancements Powering Farming Innovations

While farming may be one of the world's oldest professions, the agriculture industry is changing rapidly. Farms across the globe no longer fit the stereotypical rustic aesthetic with one family farmer who handles most of the day's chores manually and lives off the grid without phone, cable or internet access.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)



18/05/2024

## [GLOBAL] Modern Sheep Farming Technology: The Future of Sheep Husbandry

In today's digital age, advancements in breeding techniques have revolutionized the industry, allowing farmers to enhance superior genetics and improve overall herd quality. From advanced breeding techniques to precision agriculture and real-time health monitoring systems, modern sheep farming technology is revolutionizing the industry in ways we never thought possible. It is paving the way for a more efficient, sustainable, and profitable industry.

[tech.einnews.com](http://tech.einnews.com)

18/05/2024

## [GLOBAL] Revolutionizing Agriculture Research Paper Writing with Big Data

The integration of big data in agriculture research paper writing is revolutionizing the field of agricultural research. This approach leverages vast datasets collected from diverse sources such as satellite imagery, sensors, and weather stations to generate insights that enhance crop yield, optimize resource use, and improve sustainability. Despite its benefits, big data in agriculture research paper writing presents challenges including data management, variability, and accuracy. Effective meth...

[writeupcafe.com](http://writeupcafe.com)



03/05/2024

## [GLOBAL] Data, drones can improve local agriculture

Smart technology, powered by artificial intelligence (AI) and unmanned vehicles, can counter various challenges in the agriculture sector, boosting productivity, reducing costs and assisting in preserving precious resources, says drone technology company DJI product manager Ruan Botha.

[agriculture.einnews.com](http://agriculture.einnews.com)

*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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[Facebook](#) | [Twitter](#) | [LinkedIn](#)



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"Digital Agriculture Newsletter is a news monitoring system fed by information published in a selection of international internet media. It is developed in partnership with the INRAE Directorate for Open Science (DipSO) and #DigitAg. Happy reading!

## Sommaire

### Technos

- [AMERICA] Satellite technology and how it can revolutionise Guyana's agriculture sector
- [ASIA] ICAR-CTCRI Launches 'E-Crop' IoT Device for Precision Agriculture
- [GLOBAL] The latest in agricultural technology from around the world
- [GLOBAL] Innovative Drone Tech Takes on Agricultural Pest Monitoring

### Vie des sociétés de l'AgTech / Entreprises

- [AMERICA] Leading Produce Growers Bowles Farming Company, Braga Fresh Family Farms, and Taylor Farms Innovate Soil Health Management with Technology
- [AMERICA] AgroPages-Partners investing in new technology featuring AI to detect herbicide-resistant weeds-Agricultural news
- [AMERICA] AgroPages-ANELLO Photonics and Key Dollar Cab join forces to revolutionize agricultural positioning technology in GPS-denied environments-Agricultural news
- [AMERICA] AgroPages-Ecorobotix develops new crop algorithms for its AI-powered software-Agricultural news
- [AMERICA] Sollum and Leaficient collaborate to revolutionize precision agriculture

### Institutions

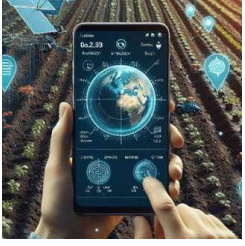
- [AFRICA] Agriculture Ministry to Introduce Digital IDs for Livestock
- [AMERICA] UNB's McKenna Institute announces investment in digital agriculture led by McCain Foods
- [EUROPE] Farmers and ranchers will buy drones and robots with EU funds for more modern agriculture

### Événements

- [OCEANIA] Hort Connections 2024: Seeing some of the latest automations and technology firsthand on farm tours

### Medias

- [AMERICA] Utilizing Location-Based Technology in Agriculture
- [AFRICA] Using AI Technology to Revolutionize Farming in Africa
- [ASIA] Smart farming: harnessing IOT and AI for sustainable agriculture
- [GLOBAL] Advancements in GPS-Guided Heavy Equipment for Farming Operations
- [GLOBAL] 'Robots lead the way to diesel-free agriculture'



09/06/2024

## [AMERICA] Satellite technology and how it can revolutionise Guyana's agriculture sector

By Naomi Parris THE increased demand globally for food and growing threats posed by climate change have put traditional farming practices under pressure. Satellite technology, however, brings to the agriculture sector a new frontier of practices based on data. In Guyana, Latitude Geospatial – a local technology-driven, Geographic Information System (GIS), and spatial data Provider Company leverages this innovative technology to support food production here.

[tech.einnews.com](http://tech.einnews.com)



08/06/2024

## [ASIA] ICAR-CTCRI Launches 'E-Crop' IoT Device for Precision Agriculture

The ICAR-Central Tuber Crops Research Institute (CTCRI) in Thiruvananthapuram has lately launched an innovative IoT-based precision agriculture technology called 'e-crop'. It is learned to be a significant step forward in the field of smart farming.

[www.techiexpert.com](http://www.techiexpert.com)



14/06/2024

## [GLOBAL] The latest in agricultural technology from around the world

A robotic dog that autonomously waters plants A group of tech enthusiasts in Italy known as B-AROL-O has developed a robotic dog that autonomously tends to plants by activating an onboard sprinkler system. Its technology facilitates plant monitoring by distinguishing between healthy and poor leaf conditions. More developments are needed before it can be applied [...]

[proagri.co.za](http://proagri.co.za)



09/06/2024

## [GLOBAL] Innovative Drone Tech Takes on Agricultural Pest Monitoring

Camera-equipped drones paired with artificial intelligence offer a breakthrough in the battle against smelly beetles, infamous for their unpleasant odor when threatened and their role as a major agricultural pest in Europe and North America.

[elblog.pl](http://elblog.pl)

## Vie des sociétés de l'AgTech / Entreprises

30/06/2024

## [AMERICA] Leading Produce Growers Bowles Farming Company, Braga Fresh Family Farms, and Taylor Farms Innovate Soil Health Management with Technology

Three leading growers install the Agrolgy Arbiter System to monitor and measure the impact of their regenerative programs on soil health, microbial function, soil carbon stocks, and water conservation.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)

13/06/2024

## **[AMERICA] AgroPages-Partners investing in new technology featuring AI to detect herbicide-resistant weeds-Agricultural news**

Protein Industries Canada announced a new project focused on addressing the spread of herbicide-resistant weeds in Canada, particularly those affecting protein-rich crops. Through a partnership between Precision AI, Geco Strategic Weed Management, the Global Institute for Food Security (GIFS) at the University of Saskatchewan and SureGrowth Solutions, the project will see the development of an AI-powered early detection system that will help farmers and agronomists identify and treat herbicide-re...

[news.agropages.com](https://news.agropages.com)

13/06/2024

## **[AMERICA] AgroPages-ANELLO Photonics and Key Dollar Cab join forces to revolutionize agricultural positioning technology in GPS-denied environments-Agricultural news**

ANELLO Photonics, the creator of the SiPhOGTM and a leading provider of cutting-edge photonics solutions for autonomous applications, and Key Dollar Cab, an original equipment manufacturer and technology integrator with deep roots in the high value crop sector, announced their strategic collaboration and partnership to bring ANELLO's advanced optical gyroscope technology to agriculture applications focusing on enhancing positioning accuracy in orchards and other High Value Crop environments with ...

[news.agropages.com](https://news.agropages.com)

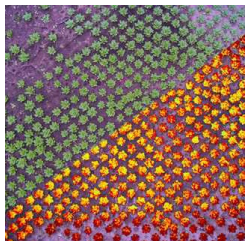


13/06/2024

## **[AMERICA] AgroPages-Ecorobotix develops new crop algorithms for its AI-powered software-Agricultural news**

Ecorobotix, a sustainable Swiss Agtech firm, active in the field of AI-based weeding, has announced the ongoing development of its newest AI software algorithms, now available as "beta versions" for testing by Ecorobotix clients. These new algorithms mark a significant advancement in crop compatibility, offering new application possibilities for the ARA ultra-high precision sprayer.

[news.agropages.com](https://news.agropages.com)



11/06/2024

## **[AMERICA] Sollum and Leaficient collaborate to revolutionize precision agriculture**

Leaficient provides real-time 24/7 monitoring of plant production and health and uses this assessment to adapt lighting profiles to the plants needs. The partnership between Sollum Technologies and Leaficient aims to advance lighting strategies and recipes by integrating precise plant growth data in Sollum's advanced algorithms in order to learn, adapt, and optimize cultivation in real-time. (CNW Group/Sollum Technologies)

[www.canadianmanufacturing.com](https://www.canadianmanufacturing.com)

## **Institutions**



14/06/2024

## **[AFRICA] Agriculture Ministry to Introduce Digital IDs for Livestock**

The Ministry of Agriculture has announced plans to implement a digital identification (ID) system for livestock to enhance record-keeping and traceability.

[nairobewire.com](https://nairobewire.com)

11/06/2024

## [AMERICA] UNB's McKenna Institute announces investment in digital agriculture led by McCain Foods

The McKenna Institute at the University of New Brunswick (UNB) has announced a \$3.75 million investment from a partnership led by McCain Foods and other New Brunswick institutions that will change digital agriculture, progress regenerative farming practices and minimize the impact of climate change on farmland.

[www.freshplaza.com](http://www.freshplaza.com)



10/06/2024

## [EUROPE] Farmers and ranchers will buy drones and robots with EU funds for more modern agriculture

At the office of the "European House" of the Delegation of the European Union today in Tetovo, eight grant contracts were awarded, enabling farmers and livestock breeders from across the country to acquire equipment and technology to develop their agriculture or livestock farming. For the modernization, the European Union provided 208,029 euros, which represents 75 percent of the total investment, while the remaining funds are financed by the grantees.

[europeannewsroom.com](http://europeannewsroom.com)

## Événements



11/06/2024

## [OCEANIA] Hort Connections 2024: Seeing some of the latest automations and technology firsthand on farm tours

As well as hearing from some of the best speakers and leaders across the horticulture and supply chain industry and attending a busy tradeshow, Hort Connections 2024 delegates also got to experience some new innovations up close.

[www.freshplaza.com](http://www.freshplaza.com)

## Medias



19/06/2024

## [AMERICA] Utilizing Location-Based Technology in Agriculture

SUNNY ISLES BEACH, Fla. —Food is essential for life, but increasing production without further damaging the environment poses a significant challenge. To sustainably feed the growing population, farmers must increase crop yields by at least 70% over the next three decades. Clearly, simply buying more shovels or another tractor won't address this issue. Instead, innovative [...] The post Utilizing Location-Based Technology in Agriculture appeared first on Morning Ag Clips.

[www.morningagclips.com](http://www.morningagclips.com)

13/06/2024

## [AFRICA] Using AI Technology to Revolutionize Farming in Africa

In order to meet the demands of a rapidly growing population, it is crucial for farmers in East Africa to adopt AI tools that can enhance productivity, increase yields, protect the environment, and reduce costs. Sama, a leading provider of data annotation solutions, has recognized the potential benefits of AI in agriculture through their work with customers across Europe, North America, and the Middle East. They are now collaborating with companies to support initiatives that aim to revolutionize...

[bitperfect.pe](http://bitperfect.pe)



09/06/2024

## [ASIA] Smart farming: harnessing IOT and AI for sustainable agriculture

They will play a central role in shaping the future of farming in the country

[www.thehindubusinessline.com](http://www.thehindubusinessline.com)

12/06/2024

## [GLOBAL] Advancements in GPS-Guided Heavy Equipment for Farming Operations

GPS systems in agriculture have helped revolutionize farming operations. Instead of pitchforks and horse-drawn plows, modern farmers rely on GPS-guided machinery to automate processes and work with higher precision. These advancements have yielded previously unheard-of levels of efficiency and will be vital to meeting the growing global demands for food.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)



11/06/2024

## [GLOBAL] 'Robots lead the way to diesel-free agriculture'

The rise of agricultural robots signifies not just a leap in automation or autonomy, but also a crucial step away from dependence on fossil fuels.

[www.futurefarming.com](http://www.futurefarming.com)

*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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## Sommaire

### Technos

- [AMERICA] New Technology Addresses Agriculture's Soil Compaction Challenges
- [AMERICA] Innovative Soil Health Assessment with Smartphone-Based Technology
- [ASIA] Centre launches new decision support system for agriculture sector
- [ASIA] Agriculture ministry launches national app to collect info on pest attacks in crops
- [ASIA] DataYoo Revolutionizes Precision Agriculture with AI Satellite-Powered FarmiSpace Platform
- [ASIA] StarFusion, an innovative fusion method for precision agriculture
- [ASIA] Engro Fertilizers launches UgAi app to revolutionize agriculture
- [EUROPE] Boosting pig farming efficiency through precision technology
- [EUROPE] Revolutionizing Agricultural Practices with Digital Traceability Technology
- [GLOBAL] Wings Engine: Smart agriculture enters a new era of intelligence
- [OCEANIA] Innovative Technology Empowers Agriculture: AR Glasses for Rapid Identification of Sick Pigs

### Vie des sociétés de l'AgTech / Entreprises

- [AMERICA] Agtech seedlings: Cargill tests irrigation tech on cotton fields
- [AMERICA] Monarch Tractor Announces \$133M Series C Funding, Marking Largest-Ever Raise in Agricultural Robotics
- [AMERICA] On Minnesota farm, robots equipped with hoes test new approach to weed control
- [AMERICA] Tech takes root: JP Farms Wins Innovator of the Year Award
- [AMERICA] Alphabet shuts down agricultural AI robot startup Mineral, licenses part to Driscoll's
- [AMERICA] This Hawaii-born researcher is putting robots to work to help state's agriculture industry
- [ASIA] Precision Agriculture Platform Fasal Raises \$4M in Pre-Series A Round
- [ASIA] A Pune-based startup aims to disrupt India's tractor market with autonomous farming solutions
- [EUROPE] European agricultural technology company demonstrates robotics in Paso Robles
- [EUROPE] Syngenta launches new digital farming platform Cropwise
- [EUROPE] Dutch agtech startup Aurea Imaging bags €2.8M from ROM Utrecht Region
- [GLOBAL] Agtech seedlings: Plant communication technology gets big funding boost

## Institutions

- [AMERICA] How K-State's precision agriculture research put a Clay Center farm on the global stage
- [AMERICA] Economic development agencies dole out \$30 million to AgTech, AI, EV development
- [EUROPE] Nordic Supports Development of Smart Agriculture by Joining IoT4Ag
- [EUROPE] Scottish AI Projects Get £1.2m to Develop AgriTech

## Événements

- [EUROPE] Efficient and sustainable farming through technology

## Medias

- [AMERICA] Could robot weedkillers replace the need for pesticides?
- [GLOBAL] From the farm to the future: How AI and robotics are revolutionizing modern agricultural practices
- [GLOBAL] Digital transformation in agriculture: driving towards sustainable development goals

# Technos

13/08/2024



## [AMERICA] New Technology Addresses Agriculture's Soil Compaction Challenges

Farmers now have a new tool to address soil compaction, which is a significant agronomic challenge that can rob yields by up to 60% in affected areas.

[www.AgriTechTomorrow.com](http://www.AgriTechTomorrow.com)



07/08/2024

## [AMERICA] Innovative Soil Health Assessment with Smartphone-Based Technology

An advanced system has been developed to revolutionize soil health assessment, departing from traditional methods that are often complex and time-consuming. Through the integration of smartphone imaging and machine learning, researchers have created a portable and cost-effective solution to quickly identify bacterial species in soil samples.

[smartphonemagazine.nl](http://smartphonemagazine.nl)

16/08/2024

## [ASIA] Centre launches new decision support system for agriculture sector

The Union government on Friday launched a unique digital geospatial platform called Krishi-Decision Support System (Krishi-DSS) that provides seamless access to comprehensive all-India data, including satellite images of farms, weather information, water reservoir storage, groundwater levels, and soil health information, from anywhere at any time.

[www.business-standard.com](http://www.business-standard.com)



16/08/2024

## [ASIA] Agriculture ministry launches national app to collect info on pest attacks in crops

New Delhi: The Union Ministry of Agriculture has launched a mobile app, National Pest Surveillance System (NPSS), to collect information on pest attacks in crops.

[www.deccanherald.com](http://www.deccanherald.com)



04/07/2024

### [ASIA] DataYoo Revolutionizes Precision Agriculture with AI Satellite-Powered FarmiSpace Platform

DataYoo, a leading agritech company, is transforming precision agriculture with its innovative FarmiSpace platform. By harnessing high-resolution satellite data, DataYoo empowers global farmers to optimize resources, boost yields, and promote sustainability through data-driven decision-making.

[www.manilatimes.net](http://www.manilatimes.net)



16/08/2024

### [ASIA] StarFusion, an innovative fusion method for precision agriculture

A team of researchers from the State Key Laboratory of Remote Sensing Science at Beijing Normal University, in collaboration with other institutions, has introduced StarFusion, a cutting-edge spatiotemporal fusion method that marks a significant advancement in spatiotemporal fusion, enhancing the temporal resolution and fusion accuracy of high-resolution satellite imagery in agriculture.

[www.techexplorist.com](http://www.techexplorist.com)

12/08/2024

### [ASIA] Engro Fertilizers launches UgAi app to revolutionize agriculture

Engro Fertilizers Limited, Pakistan's premier seed-to-harvest solutions provider, has introduced "UgAi", a groundbreaking mobile application that brings advanced agricultural technology to Pakistani farmers.

[tradechronicle.com](http://tradechronicle.com)



15/08/2024

### [EUROPE] Boosting pig farming efficiency through precision technology

In the heart of North Yorkshire, third-generation pig farmer Joe Wilson is pioneering the use of innovative technology on his 750-sow breeding unit.

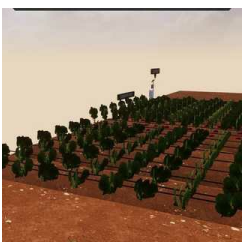
[www.pig-world.co.uk](http://www.pig-world.co.uk)

19/07/2024

### [EUROPE] Revolutionizing Agricultural Practices with Digital Traceability Technology

In a picturesque setting at a modern agricultural demonstration garden, a variety of colorful peppers and tomatoes stand out in a sea of greenery. These vibrant fruits and vegetables are not only visually appealing but also backed by innovative technology. Each produce item is marked with a QR code, symbolizing the integration of full-chain digital traceability by a leading tech company...

[smartphonemagazine.nl](http://smartphonemagazine.nl)



07/08/2024

### [GLOBAL] Wings Engine: Smart agriculture enters a new era of intelligence

In today's rapidly advancing technological era, agriculture is also undergoing a transformation towards intelligence and digitalization. Smart agriculture has achieved refined management of the agricultural production process and efficient resource utilization through advanced technology. In this context, Wings Engine, a powerful three-dimensional Geographic Information System (GIS) tool, integrates with smart agriculture to infuse modern farming with new vitality.

[dev.to](http://dev.to)

19/07/2024

## [OCEANIA] Innovative Technology Empowers Agriculture: AR Glasses for Rapid Identification of Sick Pigs

Augmented Reality (AR) technology, traditionally linked to entertainment, is now finding practical applications in agriculture, notably for identifying sick pigs. Traditional disease detection methods in livestock, which rely on visual

[news.salemnewsheadlines.com](https://news.salemnewsheadlines.com)

## Vie des sociétés de l'AgTech / Entreprises

16/08/2024

### [AMERICA] Agtech seedlings: Cargill tests irrigation tech on cotton fields

Commodity trading giant Cargill is partnering with Australia-based Goanna Ag to test new technology advancing irrigation efficiency on cotton fields in the southern U.S.

[www.uav.org](https://www.uav.org)



05/08/2024

### [AMERICA] Monarch Tractor Announces \$133M Series C Funding, Marking Largest-Ever Raise in Agricultural Robotics

Monarch Tractor's MK-V all electric tractor with autonomous and data driven features. Utilized in specialty crops such as orchards, vineyards and also used for land management.

[www.constructionequipmentguide.com](https://www.constructionequipmentguide.com)



02/07/2024

### [AMERICA] On Minnesota farm, robots equipped with hoes test new approach to weed control

In a sugar beet field a few miles east of Moorhead, small four-wheeled robots roll up and down the rows of beets.

[www.delectiousfood.com](https://www.delectiousfood.com)



01/07/2024

### [AMERICA] Tech takes root: JP Farms Wins Innovator of the Year Award

JP Farms has been awarded the prestigious Innovator of the Year title by the Ministry of Labour and Social Security and the Jamaica Productivity Centre (JPC) for its ground-breaking technology-driven water management system. The award was presented on the third day of the Future of Work and Productivity Summit held at the AC Marriott Hotel on June 21, 2024.

[jamaica.loopnews.com](https://jamaica.loopnews.com)



03/07/2024

### [AMERICA] Alphabet shuts down agricultural AI robot startup Mineral, licenses part to Driscoll's

Google LLC parent Alphabet Inc. is shutting down its moonshot technology agricultural artificial intelligence robot startup Mineral today and licensing some of its assets to berry producer Driscoll's Inc.

[siliconangle.com](https://siliconangle.com)



14/08/2024

### [AMERICA] This Hawaii-born researcher is putting robots to work to help state's agriculture industry

HONOLULU (HawaiiNewsNow) - Hawaii-born researcher Kyle Yoshida believes he can help reinvigorate his home state's agriculture industry by putting robots to work on farms and having them pick fruits and vegetables.

[agriculture.einnews.com](http://agriculture.einnews.com)



08/08/2024

### [ASIA] Precision Agriculture Platform Fasal Raises \$4M in Pre-Series A Round

Fasal, a precision agriculture platform announced today that it has raised a USD 4 million pre-Series 'A' round led by 3one4 Capital with participation from existing investors Omnivore and Wavemaker Partners. Other investors in this round include Genting Ventures (Malaysia), The Yield Lab Asia-Pacific, Antares Investments, and Sandeep Singhal of Nexus.

[krishijagran.com](http://krishijagran.com)



07/08/2024

### [ASIA] A Pune-based startup aims to disrupt India's tractor market with autonomous farming solutions

Launched in 2022, VRD Motors focuses on developing electric, autonomous tractors designed to address key challenges in modern farming. Currently, about 20-25 farmers use its tractors, with the public launch planned for later this year.

[yourstory.com](http://yourstory.com)

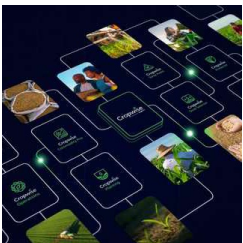


15/08/2024

### [EUROPE] European agricultural technology company demonstrates robotics in Paso Robles

Saga Robotics, a European agricultural technology company, recently demonstrated its advanced robotic technology to a group of grape growers in Paso Robles, according to the latest edition of the City of Paso Robles Economic Development Newsletter.

[pasoroblesdailynews.com](http://pasoroblesdailynews.com)



01/07/2024

### [EUROPE] Syngenta launches new digital farming platform Cropwise

Syngenta launches new digital farming platform Cropwise Syngenta Spain has announced the launch of its innovative digital agricultural platform Cropwise®, which is at the service of all producers and their technicians.

[www.freshplaza.com](http://www.freshplaza.com)



03/07/2024

### [EUROPE] Dutch agtech startup Aurea Imaging bags €2.8M from ROM Utrecht Region

Utrecht-based Aurea Imaging, an agtech startup specialising in sensor systems for orchard farming at the tree level, has closed €2.8M in a Series A round of funding.

[siliconcanals.com](http://siliconcanals.com)



09/08/2024

## **[GLOBAL] Agtech seedlings: Plant communication technology gets big funding boost**

InnerPlant, a synthetic biology startup which recodes plant DNA to improve distress signaling, raised \$30 million to support its soybean insight platform allowing farmers to track plant signals which communicate whether crops need more water, fertilizer or other interventions.

[www.agriculturelive.com](http://www.agriculturelive.com)

## **Institutions**



16/08/2024

## **[AMERICA] How K-State's precision agriculture research put a Clay Center farm on the global stage**

Brian Martin knows that there will always be a place for a farmer's informed intuition, even as technology like artificial intelligence helps him make agricultural decisions. "I'm excited about AI, and yet I still have a grandson who said to me the other day, 'Papa, I still want to drive a tractor,'" Martin said. "That tugs at your heart, but I'm sure we'll still be driving tractors with AI."

[www.thefencepost.com](http://www.thefencepost.com)

04/07/2024

## **[AMERICA] Economic development agencies dole out \$30 million to AgTech, AI, EV development**

Wyvern, Pure Life Carbon, and Aethon Aerial Solutions among those supported by latest PrairiesCan, FedDev funding. The post Economic development agencies dole out \$30 million to AgTech, AI, EV development first appeared on BetaKit.

[betakit.com](http://betakit.com)



08/08/2024

## **[EUROPE] Nordic Supports Development of Smart Agriculture by Joining IoT4Ag**

Nordic Semiconductor has extended its support of and commitment to the smart agriculture sector with membership of IoT4Ag.

[www.eetasia.com](http://www.eetasia.com)

07/08/2024

## **[EUROPE] Scottish AI Projects Get £1.2m to Develop AgriTech**

The UK Government has awarded funding to two Scottish-based AI projects to help develop agricultural technology as part of its £32 million boost for AI development across the UK.

[www.digit.fyi](http://www.digit.fyi)

## **Événements**



19/07/2024

## [EUROPE] Efficient and sustainable farming through technology

How can technology enable the industry to become more sustainable and efficient? That was the focus of the 2024 Global Ruminant days organised by dsm-firmenich animal health and nutrition held in Vienna, Austria. According to Ivo Lansbergen president Animal Nutrition & Health, sustainability is based on 3 key elements: Affordable proteins, A decent income for [...]

[www.allaboutfeed.net](http://www.allaboutfeed.net)

## Medias



20/07/2024

## [AMERICA] Could robot weedkillers replace the need for pesticides?

The robotic services allow farmers to rely less on chemicals. Brauer, a former California-based tech executive who moved back to his family farm in central Kansas after his father developed Parkinson's disease, sees the robots as critical tools to help farmers reduce their reliance on chemicals and be more protective of their health and the environment.

[www.theguardian.com](http://www.theguardian.com)

10/08/2024

## [GLOBAL] From the farm to the future: How AI and robotics are revolutionizing modern agricultural practices

Agriculture has been key to human survival since the dawn of civilization, nourishing societies and enabling innovation, development, and growth. However, the modern era has brought daunting challenges, transforming thriving lands into barren ones. Climate change, resource depletion, traditional techniques, and the pressure to feed 8.1 billion people clearly demonstrate the need for agricultural change.

[www.archyde.com](http://www.archyde.com)



07/08/2024

## [GLOBAL] Digital transformation in agriculture: driving towards sustainable development goals

In May 2023, Transforma Insights published a report, 'Digital Transformation (DX) in the Agriculture sector', which identified the key domains of change in the agriculture sector that are triggered by the use of disruptive new technologies such as artificial intelligence and the Internet of Things, which are often combined under the umbrella of digital transformation.

[www.vanillaplus.com](http://www.vanillaplus.com)

*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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# L'Actu AGRICULTURE NUMERIQUE

NEWSLETTER MENSUELLE - SEPTEMBRE 2024



« **L'ACTU Agriculture Numérique** » est un dispositif de veille alimentée par l'information publiée dans une sélection internationale de médias internet. Il est élaboré en partenariat avec la Direction pour la science ouverte (DipSO) d'INRAE et #DigitAg. Bonne lecture !

"Digital Agriculture Newsletter is a news monitoring system fed by information published in a selection of international internet media. It is developed in partnership with the INRAE Directorate for Open Science (DipSO) and #DigitAg. Happy reading!

## Sommaire

### Technos

- [AMERICA] Solinftec launches new autonomous filling station for Solix Ag Robot
- [AMERICA] Helios AI Launches CommodityTrack™, First AI Platform to Predict the Price of Agricultural Commodities Using Climate Risk
- [AMERICA] Innovation with robotics in mushroom farming

### Vie des sociétés de l'AgTech / Entreprises

- [AMERICA] Farm Equipment Manufacturers and AG Technology Companies Forge Closer Ties
- [AMERICA] HARMAN Smart Technology Solutions for farming challenges of this decade
- [AMERICA] Hydrosat Expands Presence in Latin America to Drive Digital Agriculture Innovation

### Institutions

- [AFRICA] Female Innovators Triumph In Uganda's Agriculture Technology Contest
- [AMERICA] Ohio State Announces Four New Projects Funded by the AgTech Innovation Hub
- [ASIA] MKR launches Malaysia's first EV tractor, partners technology leaders for smart farming solutions
- [ASIA] Pillars of India's Digital Agriculture: Empowering Farmers with Technology

### Événements

- [AFRICA] Samuel-Naamgwinaa-KIC-Agritech-Challenge-Classic-Participant-Wins-Top-Prize-In-Presidential-Pitch-Season-5
- [AMERICA] 20 agtech startups competing for \$3M prize money
- [ASIA] Training course on 'Leveraging AI for Precision Agriculture' from October 28-30
- [ASIA] Dubai, UAE – 24rd September 2024: FarmERP, a leading innovator in sustainable technology solutions for agriculture and food supply chain management, has been honoured with the UAE Technology Excellence Award in the Agritech category
- [EUROPE] Innov-Agri: 3 Cutting-Edge Robots Revolutionizing Agriculture and Livestock Management

## Medias

- [AFRICA] Rwanda: AFS Forum | Farmers, Experts Make Case for Increased Soil Testing Technology
- [AMERICA] Purdue Tackles Farming Challenges with 6G Technology
- [ASIA] Editorial on Agriculture 4.0: The Next Farming Revolution
- [GLOBAL] Les outils incontournables pour une agriculture de précision : la technologie au service des champs
- [GLOBAL] How Agriculture Drones Can Facilitate Effective Field Mapping and Planning for Efficient Land Use and Crop Rotation
- [GLOBAL] Bridging Agriculture and Technology: The Power of Mixed Reality

## Technos



06/09/2024

### [AMERICA] Solinftec launches new autonomous filling station for Solix Ag Robot

The new docking station will allow Solix Ag Robotics to operate 100% autonomously throughout the season, without the need for a manual refill.

[www.futurefarming.com](http://www.futurefarming.com)

26/09/2024

### [AMERICA] Helios AI Launches ComodiTrack™, First AI Platform to Predict the Price of Agricultural Commodities Using Climate Risk

Helios Artificial Intelligence, Inc., the leading AI company that predicts the price and availability of agricultural commodities, today launches ComodiTrack™, a first-of-its-kind AI platform that gives agrifood buyers and traders unprecedented access to the climate risks impacting the commodities they care about.

[fishing.einnews.com](http://fishing.einnews.com)



02/09/2024

### [AMERICA] Innovation with robotics in mushroom farming

Innovation with robotics in mushroom farming In the British Columbia Interior, 4AG Robotics is leveraging robotics and artificial intelligence to address labour challenges in the mushroom industry. Sean O'Connor from 4AG Robotics shared with KelownaNow the company's mission to transform mushroom harvesting.

[www.freshplaza.com](http://www.freshplaza.com)

## Vie des sociétés de l'AgTech / Entreprises

26/09/2024

### [AMERICA] Farm Equipment Manufacturers and AG Technology Companies Forge Closer Ties

Through such cooperative agreements and acquisitions, producers of agricultural equipment are able to gain access to new technologies, bolster their research and development (R&D) activities, and expand their product portfolio, giving them an advantage over competitors.

[www.AgriTechTomorrow.com](http://www.AgriTechTomorrow.com)



24/09/2024

## [AMERICA] HARMAN Smart Technology Solutions for farming challenges of this decade

Gain insights into smart technological solutions for digital farming that includes connected agricultural vehicles, autonomous farming machinery, smart irrigation systems, and many more

[car.harman.com](http://car.harman.com)

26/09/2024

## [AMERICA] Hydrosat Expands Presence in Latin America to Drive Digital Agriculture Innovation

Hydrosat, the climate tech company leveraging thermal imagery to measure water stress in agriculture and mitigate the effects of climate change, today announced four new commercial agreements with key partners in Latin America: EE Print Pack, Rex Irrigación Huasteca and Grupo INDERS.

[crweworld.com](http://crweworld.com)

## Institutions



21/09/2024

## [AFRICA] Female Innovators Triumph In Uganda's Agriculture Technology Contest

In a groundbreaking shift, Ugandan female youth innovators have outshone their male counterparts by clinching top prizes in the 2024 Agriculture, Youth, and Technology (AYuTe) challenge, a competition designed to transform Africa's agricultural landscape.

[businessfocus.co.ug](http://businessfocus.co.ug)

26/09/2024

## [AMERICA] Ohio State Announces Four New Projects Funded by the AgTech Innovation Hub

COLUMBUS, Ohio — The Ohio State University College of Food, Agricultural, and Environmental Sciences (CFAES) has announced the funding of four new innovative research projects as part of the second call for proposals from the AgTech Innovation Hub. This ongoing collaboration between CFAES, Nationwide, and Ohio Farm Bureau continues to foster new solutions to critical [...]

[www.morningagclips.com](http://www.morningagclips.com)



24/09/2024

## [ASIA] MKR launches Malaysia's first EV tractor, partners technology leaders for smart farming solutions

MKR Hartamas (MKR) has introduced Malaysia's first electric vehicle (EV) tractor, the TerraGlide EV40, marking a significant step towards transforming the nation's agricultural sector. According to the company, the fully electric TerraGlide EV40 produces zero carbon emissions, aligning with the national agenda to combat climate change and promote sustainable farming practices. Collaboration aims to accelerate smart agriculture advancements in Malaysia Supports Dasar Agromakanan ...

[www.digitalnewsasia.com](http://www.digitalnewsasia.com)

06/09/2024

## [ASIA] Pillars of India's Digital Agriculture: Empowering Farmers with Technology

New Delhi: India's agricultural landscape is undergoing a transformational shift with the launch of the Digital Agriculture Mission. Approved by the Union Cabinet on September 2, 2024, and backed by a financial outlay of Rs. 2,817 crore, the mission seeks to elevate agriculture through technology. This initiative, chaired by Prime Minister Narendra Modi, envisions a new era of data-driven farming that aims to uplift farmers and boost agricultural productivity through innovative digital solutions.

[www.en.krishakjagat.org](http://www.en.krishakjagat.org)



## Événements



03/09/2024

### [AFRICA] Samuel-Naamgwinaa-KIC-Agritech-Challenge-Classic-Participant-Wins-Top-Prize-In-Presidential-Pitch-Season-5

In-a-remarkable-achievement-Samuel-Naamgwinaa-a-first-year-student-pursuing-a-Diploma-in-Electrical-and-Electronic-Engineering-at-the-University-of-Mines-and-Technology-UMAT-has-emerged-as-the-overall-winner-of-the-2024-Presidential-Pitch

[www.peacefmonline.com](http://www.peacefmonline.com)



05/09/2024

### [AMERICA] 20 agtech startups competing for \$3M prize money

Empire State Development (ESD) and Cornell University's Center for Regional Economic Advancement (CREA) today announced the 20 finalists selected to take part in year six of Grow-NY, a business competition focused on enhancing the emerging food, beverage, and agriculture innovation cluster in upstate New York.

[www.verticalfarmdaily.com](http://www.verticalfarmdaily.com)



26/09/2024

### [ASIA] Training course on 'Leveraging AI for Precision Agriculture' from October 28-30

ISLAMABAD - The Inter-Islamic Network on Space Sciences and Technology (ISNET) in collaboration with Inter Islamic Network on Information Technology (INIT) is organizing a distance-training course on "Leveraging AI for Precision Agriculture" from October 28-30.

[agriculture.einnews.com](http://agriculture.einnews.com)



24/09/2024

### [ASIA] Dubai, UAE - 24rd September 2024: FarmERP, a leading innovator in sustainable technology solutions for agriculture and food supply chain management, has been honoured with the UAE Technology Excellence Award in the Agritech category

Dubai, UAE - 24rd September 2024: FarmERP, a leading innovator in sustainable technology solutions for agriculture and food supply chain management, has been honoured with the UAE Technology Excellence Award in the Agritech category. Notably, FarmERP is the only Indian Agritech company to receive this prestigious accolade in the Middle East, underscoring its exceptional impact in the region.

[businessnewsthisweek.com](http://businessnewsthisweek.com)



24/09/2024

## [EUROPE] Innov-Agri: 3 Cutting-Edge Robots Revolutionizing Agriculture and Livestock Management

Two weeks ago, the Innov-Agri French show showcased the latest in agricultural robotics. Our technology expert, Soukaina Okacha, was on site to explore the groundbreaking innovations that are set to transform farming and livestock management. Three standout robots caught her attention.

[emaq.directindustry.com](http://emaq.directindustry.com)

## Medias

03/09/2024

### [AFRICA] Rwanda: AFS Forum | Farmers, Experts Make Case for Increased Soil Testing Technology

Agricultural experts and farmers have made a case for increased finance to scale up soil health testing technology as a way of ensuring that fertilizers and seeds are applied on land that is suitable for them.

[allafrica.com](http://allafrica.com)

02/09/2024

### [AMERICA] Purdue Tackles Farming Challenges with 6G Technology

WEST LAFAYETTE, IND — Purdue University is tackling two big agricultural problems. Farmers need to manage logistics like collecting data and distributing resources. New technology being developed aims to make these tasks more efficient.

[wibc.com](http://wibc.com)



25/09/2024

### [ASIA] Editorial on Agriculture 4.0: The Next Farming Revolution

This editorial is based on "Agriculture 4.0: How urban farming is shaping the future of food security in smart cities" which was published in Hindu Business Line on 23/09/2024. The article brings into picture the role of Agriculture 4.0 in transforming urban and rural farming through smart technologies like IoT, vertical farming, and mobile apps. This innovation enhances food security, optimizes resource use, and boosts farmer incomes, positioning India as a leader in sustainable agriculture.

[www.drishtiiias.com](http://www.drishtiiias.com)

25/09/2024

### [GLOBAL] Les outils incontournables pour une agriculture de précision : la technologie au service des champs

L'agriculture moderne évolue rapidement grâce à l'intégration des technologies avancées. Les outils d'agriculture tels que les logiciels de gestion, les capteurs de sol, les drones, le GPS et l'imagerie satellitaire révolutionnent les pratiques agricoles traditionnelles.

[larevuetech.fr](http://larevuetech.fr)





25/09/2024

## [GLOBAL] How Agriculture Drones Can Facilitate Effective Field Mapping and Planning for Efficient Land Use and Crop Rotation

The integration of technology into farming practices has transformed traditional agriculture, making it more efficient and sustainable. One of the most significant advancements in this domain is the use of agriculture drones. These flying devices are revolutionizing how farmers map their fields and plan for effective land use and crop rotation.

[newswatchtv.com](http://newswatchtv.com)

23/09/2024

## [GLOBAL] Bridging Agriculture and Technology: The Power of Mixed Reality

As the global population grows, agriculture faces unprecedented challenges, from increasing food demands to environmental sustainability. Innovations in technology are crucial to addressing these issues, and Somit Bhattacharya, an expert in digital solutions, explores the role of Mixed Reality (MR) in transforming farming practices. Bhattacharya's insights emphasize how this cutting-edge technology is revolutionizing agriculture by optimizing resource management, enhancing productivity, and provi...

[www.newsanyway.com](http://www.newsanyway.com)



*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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## Sommaire

### Vie des sociétés de l'AgTech / Entreprises

- [AMERICA] Netafim USA Launches GrowSphere Digital Farming Platform and Announces Phytech Partnership
- [AMERICA] Supima: Marrying family farms and advanced technology to guarantee its future
- [AMERICA] Controlled Environment Agriculture (CEA) in the U.S.: Avoiding the trap of "implementing technology for technology's sake"

### Institutions

- [AFRICA] Ghana's agricultural technology sector receives \$2 million in funding
- [AMERICA] Guyana Launches Digital Agriculture Platform to Enhance Productivity
- [AMERICA] \$1.5 Billion Awarded to Advance Conservation and Climate-Smart Agriculture
- [AMERICA] Organizations Join Forces to Support Indigenous Agri-food Innovation: National Circle for Indigenous Agriculture and Food Partners With Bioenterprise Canada
- [ASIA] China seeks to boost food output with five-year smart farming plan

### Événements

- [ASIA] Innofocus claims Food & AgriTech Award for cooling film
- [ASIA] The most exciting agricultural technology event is coming

### Medias

- [AMERICA] Sabanto unveils 'revolutionary' autonomous farm vehicle at industry event
- [AMERICA] The Role of Technology in Texas's Agricultural Industry
- [ASIA] Technology transforms Xinjiang's agriculture: from barren land to blossoming crops
- [GLOBAL] Harnessing Technology for Sustainable Soil Management
- [GLOBAL] USAID Announces Over \$57M to Drive Global Food Security and Climate Smart Agriculture
- [GLOBAL] BioLumic CEO on Leveraging 'A-Ha' Moments to Drive AgTech Innovation - CropLife
- [GLOBAL] What technology will lead the way: autonomous tractors or field robots? - Future Farming
- [GLOBAL] Is the future digital for dairy farm workers?
- [GLOBAL] Digital Agriculture Platform Market Booming Worldwide with Key Players and Trends

## Vie des sociétés de l'AgTech / Entreprises



30/10/2024

## [AMERICA] Netafim USA Launches GrowSphere Digital Farming Platform and Announces Phytech Partnership

Netafim USA, the precision agriculture business of Orbia Advance Corporation's S.A.B. de C.V. (BMV: ORBIA\*), has announced the launch of GrowSphere, an intuitive, all-in-one digital farming tool that seamlessly manages irrigation and fertigation. The operating system helps growers improve crop yield and quality while using less water, fertilizer, energy, and labor.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)



27/10/2024

## [AMERICA] Supima: Marrying family farms and advanced technology to guarantee its future

Supima, the cashmere of fine cotton, is produced by just 300 family farms in the American southwest. But, this being California, its future is going to be guaranteed by technology. Growing Supima in just four states — Texas, New Mexico, Arizona and, principally in the San Joaquin Valley in California, amid the intense heat of the region — is never simple; one reason it still elicits such passion from local farmers.

[us.fashionnetwork.com](http://us.fashionnetwork.com)



21/10/2024

## [AMERICA] Controlled Environment Agriculture (CEA) in the U.S.: Avoiding the trap of "implementing technology for technology's sake"

The landscape of Controlled Environment Agriculture (CEA) in the U.S. is evolving rapidly, driven by both technological innovation and significant challenges. Joe Swartz, Vice President at AmHydro with 40 years of hands-on experience as a commercial grower, reflects how the landscape has changed and his journey matured with the development of CEA, from niche interest to a growing agricultural force.

[www.hortidaily.com](http://www.hortidaily.com)

## Institutions

29/10/2024

## [AFRICA] Ghana's agricultural technology sector receives \$2 million in funding

Ghanaian agritech company Oyster Agribusiness has secured \$2 million to enhance its climate-smart farming initiatives. The funding round, led by Pangea Africa Limited, also received support from Root Capital, RDF Ghana, and Sahel Capital's SEFAA Fund.

[www.techinafrica.com](http://www.techinafrica.com)

28/10/2024

## [AMERICA] Guyana Launches Digital Agriculture Platform to Enhance Productivity

A new Digital Agriculture Platform, known as the Agriculture Information System (AIS), has been officially launched in Guyana, aimed at boosting productivity, improving decision-making, and strengthening accountability within the agricultural sector.

[agriculture.einnews.com](http://agriculture.einnews.com)





23/10/2024

## [AMERICA] \$1.5 Billion Awarded to Advance Conservation and Climate-Smart Agriculture

The U.S. Department of Agriculture (USDA) today [Oct. 23, 2024] announced a historic \$1.5 billion for 92 partner-driven conservation projects through the Regional Conservation Partnership Program (RCPP), a partner-driven approach to conservation that funds solutions to natural resource challenges on agricultural land. Partners will provide \$968 million in contributions to amplify the impact of the federal investment. Selected RCPP projects will help farmers, ranchers, and forest landowners adopt ...

[www.morningagclips.com](http://www.morningagclips.com)

28/10/2024

## [AMERICA] Organizations Join Forces to Support Indigenous Agri-food Innovation: National Circle for Indigenous Agriculture and Food Partners With Bioenterprise Canada

Bioenterprise, Canada's Food & Agri-Tech Engine, and the National Circle for Indigenous Agriculture and Food (NCIAF), are partnering to support Indigenous entrepreneurs and communities.

[www.farms.com](http://www.farms.com)



25/10/2024

## [ASIA] China seeks to boost food output with five-year smart farming plan

China on Friday launched a five-year action plan to accelerate the digital transformation of the entire agriculture industry chain as part of measures to raise domestic food production. The 2024-2028 smart agriculture action plan will aim to establish a digital planting technology scheme as well as a national agricultural and rural big data platform by 2028, the agriculture ministry said in a statement.

[www.marketscreener.com](http://www.marketscreener.com)

## Événements



30/10/2024

## [ASIA] Innofocus claims Food & AgriTech Award for cooling film

Melbourne-based tech company Innofocus has won the Food and AgriTech category at the InnovationAus 2024 Awards for Excellence for its sustainable farm-to-fork solutions aiming to reduce food wastage. The InnovationAus 2024 Awards for Excellence were presented at a black-tie gala dinner at The Venue Alexandria in Sydney on Wednesday night.

[www.innovationaus.com](http://www.innovationaus.com)



30/10/2024

## [ASIA] The most exciting agricultural technology event is coming

The rebirth of agriculture in the struggles of the generations, the global agricultural robotics revolution, the transition between military industry and agricultural innovations – among others, those interested can meet these topics at the Agtech SUMMIT agricultural digitalization conference on November 21, 2024.

[trademagazin.hu](http://trademagazin.hu)

## Medias



31/10/2024

## **[AMERICA] Sabanto unveils 'revolutionary' autonomous farm vehicle at industry event**

Sabanto, a provider of autonomous agriculture technology, has showcased its "cutting-edge" Sabanto Steward autonomous farm vehicle at FIRA USA 2024, the premier event for autonomous farming and agricultural robotics solutions, which took place recently in Woodland, California. Sabanto Steward is an innovative retrofit kit designed to add autonomous functionality to existing tractors

[roboticsandautomationnews.com](https://roboticsandautomationnews.com)

31/10/2024

## **[AMERICA] The Role of Technology in Texas's Agricultural Industry**

Agriculture has long been a cornerstone of Texas's economy. Texas, with its vast landscapes and diverse climate, has always been an ideal location for agriculture. However, the industry's dependence on traditional methods has been challenged by the growing need for sustainable practices, resource management, and improved productivity.

[techbullion.com](https://techbullion.com)



18/10/2024

## **[ASIA] Technology transforms Xinjiang's agriculture: from barren land to blossoming crops**

In the northern foothills of the Tianshan Mountains in Xinjiang Uygur autonomous region, drones have become vital tools for cotton planting. End. Alongside fields, the farm will boast an array of smart systems-pest detection, weather monitoring stations, and seedling surveillance-apparently working in concert with an improved drip irrigation system to maximize water productivity.

[minutemirror.com.pk](https://minutemirror.com.pk)

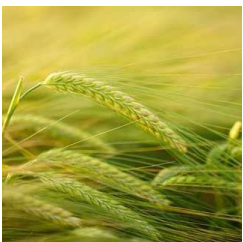


30/10/2024

## **[GLOBAL] Harnessing Technology for Sustainable Soil Management**

In this Tech Talk, EarthOptics' Todd Martin discusses how the company's proprietary sensor technology and data analytics make intelligent soil data accessible. The post Harnessing Technology for Sustainable Soil Management appeared first on CropLife.

[www.croplife.com](https://www.croplife.com)



30/10/2024

## **[GLOBAL] USAID Announces Over \$57M to Drive Global Food Security and Climate Smart Agriculture**

USAID has pledged USD 57.4 million to boost global food security and climate-smart agriculture, supporting Feed the Future's efforts to reduce hunger and poverty worldwide. The funds will drive innovation through research partnerships, fostering resilience in agriculture and empowering farmers.

[krishijagran.com](https://krishijagran.com)

29/10/2024

## [GLOBAL] BioLumic CEO on Leveraging 'A-Ha' Moments to Drive AgTech Innovation - CropLife

"Cultivating Tomorrow" is a special series that shares insights from C-suite executives at leading AgTech companies, presented by AgTech PR. Its aim is to highlight the experiences of AgTech leaders driving agricultural transformation today.

[www.croplife.com](http://www.croplife.com)



29/10/2024

## [GLOBAL] What technology will lead the way: autonomous tractors or field robots? - Future Farming

While some multifunctional or multipurpose field robots have clearly been designed to take over tasks from (un)manned tractors, they certainly will not make tractors disappear from farms for a couple of reasons. For instance because tractor driving is fun and modern-day tractors already have a wide array of supporting automation. Such as autosteer/-pilot, headland control, implement and machine control et cetera. Seen from this perspective, a driverless tractor is a small step technology wise.

[www.futurefarming.com](http://www.futurefarming.com)

29/10/2024

## [GLOBAL] Is the future digital for dairy farm workers?

In today's fast-evolving agricultural landscape, creating a sustainable workforce is more crucial than ever. With a rapidly aging workforce, labour shortages, and increasing demands for technology, dairy farms must find ways to attract, retain, and support the next generation of talent, who are very different than the last generation.

[www.dairyglobal.net](http://www.dairyglobal.net)



18/10/2024

## [GLOBAL] Digital Agriculture Platform Market Booming Worldwide with Key Players and Trends

The global Digital Agriculture Platform market is at a pivotal juncture, experiencing rapid growth and transformation driven by technological advancements, evolving consumer demands, and the lingering effects of the COVID-19 pandemic. As industries worldwide adapt to new realities, the Digital Agriculture Platform sector emerges as a significant contributor to economic recovery and innovation. This comprehensive research study delves into the full potential of the Digital Agriculture Platform ind...

[economica.ma](http://economica.ma)

*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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## Sommaire

### Technos

- [AMERICA] Robot dog deployed in Cornwall soil health trial
- [GLOBAL] Fingerprint Technology Inspires non-GPS Navigation for Agriculture Drones

### Vie des sociétés de l'AgTech / Entreprises

- [EUROPE] Merlo Spa unveils autonomous electric robot sprayer for specialized crops - Future Farming
- [EUROPE] Digital tool to improve heat resilience in dairy farm buildings awarded top grant
- [EUROPE] BASF and Planet: Revolutionizing Agriculture with Digital Innovation
- [GLOBAL] DJI Launches Powerhouse Agricultural Drones: T100 and T70 Models Hit Chinese Market

### Institutions

- [AMERICA] Minister MacAulay announces funding for innovations in sustainable agricultural technology
- [EUROPE] Innovation in agriculture: Report about standards and platform development

### Événements

- [EUROPE] Science and Innovation Forum 2024: Digital Agriculture Changemakers in Action | E-Agriculture
- [GLOBAL] Farm events to demonstrate Climate Smart Farming in 28 countries

### Medias

- [AFRICA] Will the implementation of a traceability system act as a growth catalyst for South African agriculture? by Twaha Kayongo
- [AFRICA] The impact of digital rural construction on agricultural carbon emission intensity
- [AMERICA] US agriculture industry tests artificial intelligence: 'A lot of potential'
- [GLOBAL] The Future of Dairy Farming: Embracing Automation, AI, and Sustainability in 2025
- [GLOBAL] Agriculture Robots Industry May Set Epic Growth Story | Trimble, Deere & Company, Agrobotix
- [GLOBAL] Drones and robots are becoming essential farm tools, as agriculture gets smart

## Technos



27/11/2024

### **[AMERICA] Robot dog deployed in Cornwall soil health trial**

A Cornish farmer is trialling a number of agri-tech related initiatives in partnership with the University of Plymouth, which are designed to improve soil health, including the use of a robot dog to extract and measure data for the trial.

[www.aqriland.co.uk](http://www.aqriland.co.uk)



22/11/2024

### **[GLOBAL] Fingerprint Technology Inspires non-GPS Navigation for Agriculture Drones**

Advanced Navigation, a world leader in autonomous systems and navigation technologies, along with MBDA, have signed a Memorandum of Understanding (MoU) to co-develop a resilient navigation system integrating MBDA's NILEQ absolute positioning technology.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)

## **Vie des sociétés de l'AgTech / Entreprises**



28/11/2024

### **[EUROPE] Merlo Spa unveils autonomous electric robot sprayer for specialized crops - Future Farming**

The machine utilises positioning sensors and a trajectory-controlling algorithm to maintain a consistent distance between rows. The Cingo M600A-e is set to undergo testing and is expected to be ready for production in the coming months. The Cingo's core platform is designed for use in environments like vineyards.

[www.futurefarming.com](http://www.futurefarming.com)



26/11/2024

### **[EUROPE] Digital tool to improve heat resilience in dairy farm buildings awarded top grant**

As one of the winners of the 2024 Collaborative Research and Development Grant Competition, the A-SHED project focuses on addressing heat stress in dairy cattle based in south-west Scotland and Cumbria due to rising temperatures in the UK. In partnership with Galebreaker, Cambridge Animal Technologies and SRUC, the project aims to develop two key tools. These tools include a real-time app that assesses heat stress risk for dairy herds using live temperature-humidity data, and a digital tool to im...

[www.thescottishfarmer.co.uk](http://www.thescottishfarmer.co.uk)



25/11/2024

### **[EUROPE] BASF and Planet: Revolutionizing Agriculture with Digital Innovation**

As the global population rises and food demand increases, ensuring access to sufficient, safe, and nutritious food is more critical than ever. For growers, embracing the digital agriculture revolution is essential to building infrastructure and tools that enhance sustainability, both economically and environmentally. Satellite remote sensing is particularly transformative in this regard, helping farmers improve yields, optimize costs, and transition to more sustainable operations. A Visionary Par...

[www.planet.com](http://www.planet.com)



25/11/2024

## **[GLOBAL] DJI Launches Powerhouse Agricultural Drones: T100 and T70 Models Hit Chinese Market**

DJI's agricultural division just stepped up its game in China with two new heavy-duty farm drones – the Agras T100 and T70. These workhorses are built to carry more payload and offer improved spreading capabilities compared to previous models, according to DroneNR.

[dronexl.co](https://dronexl.co)

## **Institutions**



26/11/2024

## **[AMERICA] Minister MacAulay announces funding for innovations in sustainable agricultural technology**

The Honourable Lawrence MacAulay, Minister of Agriculture and Agri-Food, announced an investment of more than \$7.2 million for 4 projects through the AgriInnovate Program, an initiative under the Sustainable Canadian Agricultural Partnership. This investment aims to drive growth and increase the sustainability of Canada's agriculture industry through innovative technologies.

[www.farms.com](https://www.farms.com)

29/11/2024

## **[EUROPE] Innovation in agriculture: Report about standards and platform development**

The EU Commission has released a report by the Walton Institute called "Boosting the Twin Transition in Agriculture and a Resilient Innovation Ecosystem: Standards and Platformisation in the Spotlight". This report examines the role of technology standards and digital platforms in transforming the agricultural sector.

[ieu-monitoring.com](https://ieu-monitoring.com)



## **Événements**

21/11/2024

## **[EUROPE] Science and Innovation Forum 2024: Digital Agriculture Changemakers in Action | E-Agriculture**

On October 17, 2024, the FAO Science and Innovation Forum explored these themes in a session called "Digital Agriculture Changemakers in Action." The event brought together experts, policymakers, and pioneering farmers to showcase real-world applications of digital tools in agriculture. This session spotlighted changemakers using digital solutions to enhance food security and resilience, showing the power of these technologies in meeting global challenges.

[www.fao.org](https://www.fao.org)



20/11/2024

## [GLOBAL] Farm events to demonstrate Climate Smart Farming in 28 countries

20 November 2024 Farm events to demonstrate Climate Smart Farming in 28 countries An EU funded project called Climate Smart Demo is forming a unique network of Pilot Demo Farmers covering 28 countries. It aims to accelerate the adoption of Climate Smart Farming practices and solutions by farmers. The project adopts a Multi-Actor approach by connecting the 1,500 Pilot Demo Farmers and their Climate Farm Advisors at European and National levels to increase knowle...

[www.teagasc.ie](http://www.teagasc.ie)

## Medias



28/11/2024

## [AFRICA] Will the implementation of a traceability system act as a growth catalyst for South African agriculture? by Twaha Kayongo

South Africa's agriculture industry is under pressure to implement a credible traceability system to ensure improved food safety and quality control. The country is currently one of only a few African countries without a traceability system.

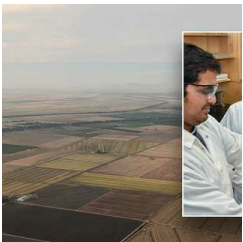
[proagri.co.za](http://proagri.co.za)

22/11/2024

## [AFRICA] The impact of digital rural construction on agricultural carbon emission intensity

Impact of CO2 emissions embodied in the agricultural sector on carbon sequestration in South Africa: the role of environmental taxes and technological innovation. J. Clean. Prod. 444, 141210. doi:10.1016/j.jclepro.2024.141210

[www.frontiersin.org](http://www.frontiersin.org)



29/11/2024

## [AMERICA] US agriculture industry tests artificial intelligence: 'A lot of potential'

In the 1930s, there were around 6.8 million farms in the United States. The size averaged at around 155 acres. Over the next several decades, the number of farms rapidly declined to around 1.9 million in 2023. Those farms grew larger, averaging around 464 acres. As farming has changed over time, experts believe artificial intelligence (AI) can help farmers and producers make food faster and more efficiently.

[agriculture.einnews.com](http://agriculture.einnews.com)

29/11/2024

## [GLOBAL] The Future of Dairy Farming: Embracing Automation, AI, and Sustainability in 2025

Discover how 2025's dairy revolution with automation and AI can transform your farm. Embrace cutting-edge tech and insights for a sustainable future. Picture this: as we enter 2025, the dairy farming industry faces a revolution powered by cutting-edge technologies transforming its very essence. Automation eases routine burdens while artificial intelligence optimizes every move, making dairy innovation necessary.

[www.thebullvine.com](http://www.thebullvine.com)





27/11/2024

## **[GLOBAL] Agriculture Robots Industry May Set Epic Growth Story | Trimble, Deere & Company, Agrobotix**

Data Insights Market published a new research publication on Agriculture Robots Industry Insights, to 2032 with 232 pages and enriched with self-explained Tables and charts in presentable format. In the Study you will find new evolving Trends, Drivers, Restraints, Opportunities generated by targeting market associated stakeholders. The growth of the Agriculture Robots Industry was mainly driven by the increasing R&D spending across the world.

[www.openpr.com](http://www.openpr.com)

21/11/2024

## **[GLOBAL] Drones and robots are becoming essential farm tools, as agriculture gets smart**

Two of the biggest challenges family farmers face are competition with larger, more high-tech farms and keeping the next generations interested in farming. Smart farming, which includes incorporating drones and robots into agriculture, can address both of these issues by making small farms potentially more productive while using tech that appeals to young people.

[technical.ly](http://technical.ly)



*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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"Digital Agriculture Newsletter is a news monitoring system fed by information published in a selection of international internet media. It is developed in partnership with the INRAE Directorate for Open Science (DipSO) and #DigitAg. Happy reading!

## Sommaire

### Technos

- [GLOBAL] Smart Farming: 6 Emerging Trends for Agritech Startups to Watch - Global Ag Tech Initiative

### Vie des sociétés de l'AgTech / Entreprises

- [EUROPE] A Serbian company offers own innovative hardware/software solution for sustainable agriculture through a commercial agreement. | Enterprise Europe Network
- [EUROPE] Frontier Agriculture and Esri UK create digital mapping for farms to improve UK food production
- [EUROPE] Opinion: How innovation in agriculture is undervalued
- [GLOBAL] AI in Agriculture: A Threat to Jobs or a Tool for Empowerment? - Global Ag Tech Initiative

### Institutions

- [AFRICA] Nigeria leverages digital innovation to advance agricultural transformation

### Medias

- [AFRICA] Empowering Smallholder Farmers in South Africa with Innovative Digital Farming Solutions
- [AMERICA] Revolutionizing Farming Through Sensing Technology
- [ASIA] New Smart Agriculture Technology for Monitoring Plants
- [ASIA] Use of technology in agriculture could generate \$10 billion revenue
- [ASIA] TG Agriculture: Revolutionizing Rice Planting with Drones for Cost-Effective Farming
- [EUROPE] Where agriculture and technology will meet to feed the world
- [GLOBAL] Connected Agriculture Market Development Study: Big changes will have a big Impact
- [GLOBAL] Digital Agriculture Market Future Trends and Scope Analysis Report – Site Title
- [GLOBAL] Sustainable Agriculture Thrives When Producers Drive Innovation Worldwide
- [GLOBAL] IoT in Agriculture: How Technology Is Transforming Farming Practices - Global Ag Tech Initiative
- [GLOBAL] Smart Farming: How Data Analysis Can Help Increase Crop Efficiency - Global Ag Tech Initiative
- [GLOBAL] IFAD launches RemitSCOPE: a free global data platform to capture and facilitate remittances for rural development (International Fund for Agricultural Development)

## Technos



22/12/2024

## **[GLOBAL] Smart Farming: 6 Emerging Trends for Agritech Startups to Watch - Global Ag Tech Initiative**

With the advent of AI, IoT, robotics, and data analytics, there is a conducive environment for agritech startups to thrive.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)

## **Vie des sociétés de l'AgTech / Entreprises**

19/12/2024

### **[EUROPE] A Serbian company offers own innovative hardware/software solution for sustainable agriculture through a commercial agreement. | Enterprise Europe Network**

The Serbian company specializes in research and innovation across diverse sectors including agriculture, water, environment, health, and digital industries. It operates in three additional countries: Finland, Hungary and the Netherlands. Their agro platform responds to the pressing challenge of sustainable farming in the face of climate change and rising food demand, particularly within the Balkan Peninsula. Farmers in this region struggle with soil degradation, water shortage, and the necessity ...

[een.ec.europa.eu](http://een.ec.europa.eu)



20/12/2024

### **[EUROPE] Frontier Agriculture and Esri UK create digital mapping for farms to improve UK food production**

Frontier Agriculture has partnered with Esri UK to create advanced geospatial solutions for the UK farming industry. The post Frontier Agriculture and Esri UK create digital mapping for farms to improve UK food production appeared first on Farmers Guide.

[www.farmersguide.co.uk](http://www.farmersguide.co.uk)

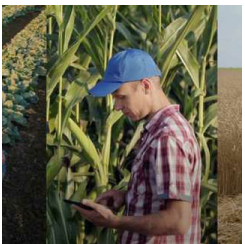


15/12/2024

### **[EUROPE] Opinion: How innovation in agriculture is undervalued**

The scale and pace of global population growth, economic development and the transition to net zero are driving unprecedented demand for the agricultural science, technology and innovation needed to produce more food with fewer inputs.

[www.fwi.co.uk](http://www.fwi.co.uk)



04/12/2024

### **[GLOBAL] AI in Agriculture: A Threat to Jobs or a Tool for Empowerment? - Global Ag Tech Initiative**

With AI continuing to scale up within agriculture, this concern is also gaining more attention in the agricultural community as well. Questions such as "What is the impact of artificial intelligence on jobs within the sector?" and "Will AI take jobs from people in agriculture?" are becoming increasingly common.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)

## **Institutions**



18/12/2024

## [AFRICA] Nigeria leverages digital innovation to advance agricultural transformation

The Bill & Melinda Gates Foundation (BMGF), in collaboration with the African Forum for Agricultural Advisory Services (AFAAS), hosted a key stakeholder event to advance the development of a sustainable Public-Private Partnership (PPP) model for digital agricultural extension services (DAES).

[itpulse.com.ng](http://itpulse.com.ng)

## Medias



25/12/2024

## [AFRICA] Empowering Smallholder Farmers in South Africa with Innovative Digital Farming Solutions

Discover how smallholder maize farmers in six provinces of South Africa are transforming their agricultural practices for better yields and sustainability. Learn more about their innovations and challenges in this insightful article from Africazine.

[africazine.com](http://africazine.com)

24/12/2024

## [AMERICA] Revolutionizing Farming Through Sensing Technology

A Lethbridge researcher is leading the effort to accelerate the digital transformation of the Canadian agriculture sector. In modern farming, innovation is key to addressing both biotic and abiotic stresses. Exciting research being done out of the Agriculture and Agri-Food Canada (AAFC) Remote Sensing and Phenomics Lab (RSP Lab) at the Lethbridge Research and Development Centre is harnessing data-driven tools to transform farming practices, including helping accelerate the development of new crop...

[www.farms.com](http://www.farms.com)



30/12/2024

## [ASIA] New Smart Agriculture Technology for Monitoring Plants

Researchers have developed a small, leaf-mounted sensor to monitor plant health and stress. This waterproof, Wi-Fi-enabled device tracks changes in leaf color, providing real-time data on plant conditions. Affordable and precise, it supports smart agriculture by enabling farmers to address stress-prone areas efficiently, boosting crop yields and resource management. The post New Smart Agriculture Technology for Monitoring Plants appeared first on The Global Plant Council.

[globalplantcouncil.org](http://globalplantcouncil.org)

28/12/2024

## [ASIA] Use of technology in agriculture could generate \$10 billion revenue

The Pakistan Software Houses Association (P@SHA) has expressed optimism that the use of technology in agriculture could yield \$10 billion annually. The association highlighted that modern technology can reduce farming losses by up to 75% emphasizing the need to foster collaboration between universities, the private sector and international experts.

[minutemirror.com.pk](http://minutemirror.com.pk)





31/12/2024

## [ASIA] TG Agriculture: Revolutionizing Rice Planting with Drones for Cost-Effective Farming

Discover how drone technology is transforming rice planting in agriculture, helping farmers reduce costs and labor shortages. Learn about recent experiments by Acharya Jayashankar Agricultural University and the benefits of using drones for efficient rice sowing.

[www.bizzbuzz.news](http://www.bizzbuzz.news)

20/12/2024

## [EUROPE] Where agriculture and technology will meet to feed the world

McKinsey estimates that about 500 billion US dollars could be added in value to global agriculture through drone surveillance, automation and crop monitoring. The technology is available.

[tech.einnews.com](http://tech.einnews.com)



26/12/2024

## [GLOBAL] Connected Agriculture Market Development Study: Big changes will have a big Impact

Advance Market Analytics published a new research publication on "Connected Agriculture Market Insights, to 2030" with 232 pages and enriched with self-explained Tables and charts in presentable format. In the Study you will find new evolving Trends, Drivers, Restraints, Opportunities generated by targeting market associated stakeholders. The growth of the Connected Agriculture market was mainly driven by the increasing R&D spending across the world.

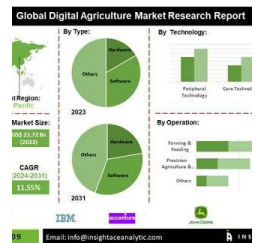
[www.openpr.com](http://www.openpr.com)

26/12/2024

## [GLOBAL] Digital Agriculture Market Future Trends and Scope Analysis Report – Site Title

InsightAce Analytic Pvt. Ltd. announces the release of a market assessment report on the "Global Digital Agriculture Market Size, Share & Trends Analysis Report By Offerings (Advisory Services, Precision Agriculture & Farm Management, Quality Management & Traceability, Digital Procurement, Agri E-Commerce, And Financial Services), Technology (Peripheral, Core), Operation (Farming & Feeding, Monitoring & Scouting, Marketing & Demand Generation) Type (Hardware, Software, Ser...

[newsinsightace.com](http://newsinsightace.com)



24/12/2024

## [GLOBAL] Sustainable Agriculture Thrives When Producers Drive Innovation Worldwide

Dedicated to improving sustainability in animal agriculture, the UC Davis CLEAR Center is focused on reducing greenhouse gas emissions from livestock production to lower climate impact. By collaborating with animal scientists, researchers, ranchers, farmers, and agricultural organizations across the globe, we are paving the way for more sustainable agricultural practices worldwide. Sustainable livestock, sustainable future.

[www.farms.com](http://www.farms.com)

21/12/2024

## [GLOBAL] IoT in Agriculture: How Technology Is Transforming Farming Practices - Global Ag Tech Initiative

With the implementation of IoT devices increasing globally, it is no surprise that they are being integrated into every facet of industry, leading the way for industry 4.0. New initiatives working to optimize industry, critical infrastructure, environmental monitoring, healthcare and supply chain management are just some of the exploding use cases for IoT.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)



04/12/2024

## [GLOBAL] Smart Farming: How Data Analysis Can Help Increase Crop Efficiency - Global Ag Tech Initiative

Producing more with less. This is the main objective of the agribusiness industry. The scarcity of resources and skilled labor in the field, in addition to the high costs of inputs for production, makes the use of data increasingly relevant. In this context, data can support managers in making precise decisions, to increase efficiency and productivity in the field.

[www.globalagtechinitiative.com](http://www.globalagtechinitiative.com)

23/12/2024

## [GLOBAL] IFAD launches RemitSCOPE: a free global data platform to capture and facilitate remittances for rural development (International Fund for Agricultural Development)

IFAD launches RemitSCOPE: a free global data platform to capture and facilitate remittances for rural development (International Fund for Agricultural Development)

[rbfirehose.com](http://rbfirehose.com)



*Cette newsletter est réalisée par l'équipe de veille de l'Institut Convergences Agriculture Numérique.*

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