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Koreaâ??s B2En and Reborn Materials collaborate to launch AI-Driven Hybrid (Bio) plastic innovation initiative

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Koreaâ??s premier AI and big data analytics provider, B2En, a prominent artificial intelligence (AI) and big data analytics firm, and Reborn Materials Inc., a pioneering American technology company specializing in enzyme-based hybrid (bio) plastics, have officially launched an ambitious joint initiative. This groundbreaking partnership aims to transform global sustainable industries through the commercialization of innovative, environmentally responsible plastic solutions.

By combining Reborn Materials' field-validated biodegradable plastic technologies and extensive agricultural networks with B2Enâ??s sophisticated AI-powered analytics platform, stakeholders across various sectors will gain unprecedented insights into sustainable agricultural practices. This comprehensive data ecosystem will facilitate the precise measurement, monitoring, and analysis of plastic decomposition and its interaction with soil and microbial environments.

The strategic partnership ceremony held at the Reborn Materials headquarters and Research & Development Center in Los Angeles, California , drew key figures from government agencies, financial institutions, industry leaders, academia, and environmental groups, marking a collective commitment toward achieving substantial environmental progress and digital agricultural innovation.

Revolutionizing Sustainable Agriculture through AI-Driven Data

Agriculture, the foundational industry providing humanity's sustenance, faces escalating challenges, from climate change impacts and declining soil health to pervasive plastic contamination. Addressing these complex issues demands innovative, precise, and verifiable solutions. B2En and Reborn Materials' collaborative initiative specifically targets these challenges by establishing a robust digital data infrastructure capable of tracking the lifecycle of enzyme-based hybrid plastics used within agricultural practices.

In this landmark partnership, B2En extends its technological excellence into agricultural and environmental data governance, introducing its AI platform into the United States market for the first time. The platform will provide high-resolution predictive modeling, enabling stakeholders to track plastic decomposition and environmental interaction across various soil types and climatic conditions in real-time. This innovation positions B2En as a crucial player in shaping the future of global sustainable agriculture and environmental policy-making.

Reborn Materials: Innovating Sustainable Plastic Solutions

Reborn Materials has consistently been at the forefront of innovation in the sustainable materials sector, developing proprietary enzyme-infused hybrid plastics designed to biodegrade effectively in natural environments. These groundbreaking materials significantly reduce the environmental impact of plastics, mitigating soil contamination and microplastic pollution, which currently pose critical threats to agricultural productivity and ecosystem health. Biodegradable plastic technologies developed by Reborn Materials have already proven effective in numerous California farms, especially the berry industry. Reborn Materials is positioned uniquely to provide authentic, verified data that is crucial for advancing sustainable agricultural practices and forming robust policies.

Bridging Data, Policy, and Investment

The synergy between B2En's cutting-edge AI governance platform and Reborn Materials' innovative biodegradable plastics creates a comprehensive data infrastructure that will fundamentally reshape policy and investment strategies within sustainable agriculture and environmental management. This data-driven approach empowers governments, financial institutions, industry stakeholders, and policymakers to make informed decisions supported by precise, verifiable data rather than estimations or assumptions. The initiative addresses the longstanding gap in agricultural data management by providing accurate insights into the lifecycle of plastics from production to environmental decomposition. This allows for effective policy formulation, targeted financial investments, and robust environmental management strategies, ultimately fostering healthier soils, improved crop productivity, and sustainable agricultural practices.

Industry, Academia, and Government Collaboration

The formal ceremony launching this initiative underscored the broad-based support and collaboration integral to its success. Representatives from California state government agencies, leading academic institutions such as Occidental College and Cal State LA, ESG certification bodies, major agricultural producers, and prominent global investors participated actively, demonstrating widespread commitment and enthusiasm for this transformative venture.

Jason Kang, Chief Operating Officer of Reborn Materials, highlighted the project's significance, stating, "B2En's exceptional AI data governance capabilities possess the potential to revolutionize agricultural data ecosystems comprehensively. By combining our respective strengths, we are creating an unprecedented platform enabling stakeholders to decisively shape future policies, material choices, and investment strategies grounded in data-based realities."

B2En is the premier AI and big data analytics provider on Korea's KOSDAQ market, renowned for its expertise in environmental data management, regulatory compliance, and ESG analytics.
Air quality monitoring, carbon footprint assessment, industrial environmental risk management, and policy governance are some of the company's national-scale projects in Korea.