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South Korea's Greenery boosts innovative solutions for low-carbon agriculture

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A climate tech company that offers solutions to reach net zero emissions



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Greenery, Inc. South Korea (Hq) , the climate tech company providing a range of net-zero consulting services including climate action planning, Life Cycle Assessments (LCA), and climate risk management is building its capabilities on innovative solutions for low-carbon agriculture.

In October, Greenery launched ENVION, an LCA software solution which provides detailed insights into the environmental impacts of products throughout their life cycles. Already, ENVION is in the final stages of negotiations with global industry giants. Greenery, Inc.Â will be hosting a seminar and an exhibition on the topic of transitioning to low-carbon agriculture and animal husbandry at the Korea Pavilion in the Blue Zone ofÂ COP29, from November 11 to 13 exploring sustainable farming practices. At COP29, through two case studies of transitioning to low-carbon agriculture, Greenery will be introducing new ways to combat climate change in a seminar on November 12.

The first case study will explore a smart farming system, developed as a joint flagship program by South Koreaâ??s Ministry of Science and ICT and the National Information Society Agency. By monitoring paddy water levels in real time, this farming system can both reduce methane emissions and conserve water.

In the second case study, Greenery will demonstrate how livestock waste, a major source of greenhouse gas emissions from farms, can be converted into biochar. A compound word combining â??biomassâ? and â??charcoalâ?•, biochar can sequester carbon for around one hundred years, making it highly effective for carbon reduction.

The talks in the seminar will be followed by a panel discussion on cutting-edge technologies and methodologies for reducing agriculture's carbon footprint. The discussion will be joined by Saskia Sanders, a Senior Policy Advisor at Switzerlandâ??s Federal Office of Agriculture; Pankaj Kumam, Founder and Managing Director of Enviance; Soojeong Myeong, a Chief

Research Fellow at the Korea Environment Institute.

COP29 marks the latest gathering of the UN Framework Convention on Climate Change (UNFCCC), where governments and organizations worldwide come together to address pressing environmental challenges. This year's conference in Azerbaijan continues to advance the global dialogue on greenhouse gas mitigation and sustainability.