

# ESG in Five

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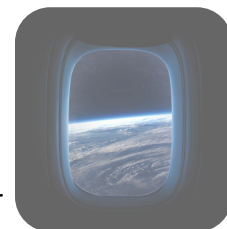
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# ESG IN FIVE

- **Revolutionizing Methane Monitoring: Tanager-1 Takes Flight**
- **Amazon's Green Future: World Bank's Reforestation Bond Sets New Standards**
- **GM Drives Toward Carbon Neutrality with Landmark Renewable Energy Deal**
- **Smart Energy for Hotels: Honeywell's INNCOM Direct Makes Sustainability Affordable**

## SpaceX Launches Tanager-1: A New Era in Precision Methane Tracking

SpaceX is launching Tanager-1, a methane-detecting satellite developed by Planet Labs PBC with NASA's Jet Propulsion Laboratory. This innovative satellite will precisely track methane emissions, identifying sources within 50 meters. Led by the nonprofit Carbon Mapper, the mission aims to monitor global methane "super emitters," promoting greater transparency and environmental responsibility.



The data could drive companies to adopt cleaner practices, influenced by stricter regulations like the EU's upcoming methane penalties. With plans to expand the satellite network, Carbon Mapper is poised to enhance global efforts in reducing methane emissions and protecting the environment.



## World Bank's \$225 Million Amazon Reforestation Bond

The World Bank has launched its largest-ever outcome bond, a \$225 million Amazon Reforestation-Linked Bond, tying financial returns to the success of reforestation projects in Brazil's Amazon. This innovative bond links returns to Carbon Removal Units (CRUs) generated by Mombak, a Brazilian reforestation company, boosting biodiversity and supporting communities. The bond, backed by global investors like Nuveen and T Rowe Price, represents a breakthrough in mobilizing private capital for significant environmental impact while offering attractive financial returns.

## GM's Largest Renewable Energy Deal Powers Path to Carbon Neutrality by 2040

GM has secured its largest renewable energy deal, a 15-year agreement with NorthStar Clean Energy, to power three assembly plants. This major step aligns with GM's goal of becoming carbon neutral by 2040. The agreement expands GM's renewable energy portfolio to 17 plants across 11 states, making it the automotive industry's top buyer of renewable power by capacity. NorthStar's Newport Solar project will supply clean energy to GM's Michigan and Missouri plants, reinforcing GM's commitment to a sustainable and carbon-neutral future.



## RepAir & C-Questra Launch EU's First Onshore Carbon Capture Project

RepAir Carbon US Inc. and C-Questra have partnered to launch the EU's first onshore Direct Air Capture and Storage (DACs) project in Grandpuits, France, marking a significant step in Europe's decarbonization efforts. RepAir's technology, which cuts energy consumption by 70%, sets a new standard for scalable carbon removal. The project, aligned with France's carbon capture goals, aims to remove 100,000 tons of CO<sub>2</sub> annually by 2030, creating green jobs and advancing Europe's leadership in carbon removal innovation.

## Honeywell Unveils INNCOM Direct: Energy-Saving Tech for Mid-Market Hotels

Honeywell has launched INNCOM Direct, a tool designed to help mid-market hotels reduce energy consumption and carbon emissions by automatically adjusting heating and cooling in vacant rooms. The system uses a proprietary detection technology to optimize temperature settings without affecting guest comfort. Previously available only to high-end hotels, INNCOM Direct now offers mid-market hotels affordable, cloud-based energy management, with features like quick setup and portfolio analytics. This solution empowers hotels to enhance sustainability and reduce their environmental impact.



### Sources:

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ESG Today, ESG News, Business-live

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