Press Release

Berlin, July 2, 2025

Planet2050 and BioCarbon launch working group for digital CO2 monitoring

- **Strategic partnership to establish dMRV as a global standard**
- **More transparency and quality for reliable CO2 certificates on the capital market**

Climate FinTech company Planet2050 and BioCarbon Standard have formed a strategic partnership. Together, the two players are creating an international working group for digital measurement, reporting, and verification (dMRV). The goal of the initiative is to develop scientifically sound recommendations and an implementation roadmap for the global carbon market.

Digital technologies for transparent environmental projects
Digital MRV (dMRV) uses modern technologies such as satellite data, drones, IoT sensors, AI, and blockchain. These tools automate the collection of environmental and climate data. As a result, the accuracy, efficiency, and transparency of carbon credits increase significantly.

“By using dMRV technologies, we increase both the transparency and quality of carbon credits. At the same time, we create the foundation for the necessary trust in the capital market. Our goal is to establish verifiable carbon credits as a reliable asset class and thus mobilize urgently needed capital for climate action,” explains Lucas Zaehringer, CEO of Planet2050.

Timeline and participation
The working group consists of up to ten experts and organizations. Starting in September 2025, five virtual workshops will take place. By 2026, a strategic roadmap for the integration of digital MRV solutions will be developed. Interested market participants can apply until July 31, 2025.

Background of the partners
BioCarbon Standard is an ICROA-accredited environmental standard for climate protection, biodiversity, and water. Planet2050 supports and develops both technology- and nature-based climate projects. This is done through the selection

and financing of projects as well as through technological solutions such as the “dMRV Passport”, which enables seamless integration and provision of relevant project data for credit buyers.

For further information on this topic, see the blog article at
planet2050.earth/blog/biocarbon-dmrv-working-group

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About Planet2025

Planet2050 is an internationally active climate FinTech. The company connects high-quality carbon projects with the capital market. To achieve this, Planet2050 builds the required financial, data, and market infrastructure. At its core is the PlanetHub. The digital platform scales global carbon avoidance and carbon removal projects.

The company curates and finances promising climate projects. Both technology-based and nature-based methods are focused. These include techniques such as biochar, afforestation, and sustainable agriculture. Digital measurement methods (dMRV) monitor every climate project in the portfolio transparently for all stakeholders regarding actual carbon removal. Planet2050 consistently implements its capital market strategy. A direct listing on the stock exchange is planned for 2027. Trading admission remains subject to timely approval. The direct listing offers an exclusive window to enter the booming carbon market. Further information is available at www.planet2050.earth

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