R-evolution launches Green Cubes Digital Reality Offering
– the multi-dimensional digital twin that gives real value to nature

Green Cubes, an R-evolution initiative, is pioneering a greener future by innovatively capturing and classifying environmental data, offering an accurate digital representation of forest biodiversity at an unprecedented level.
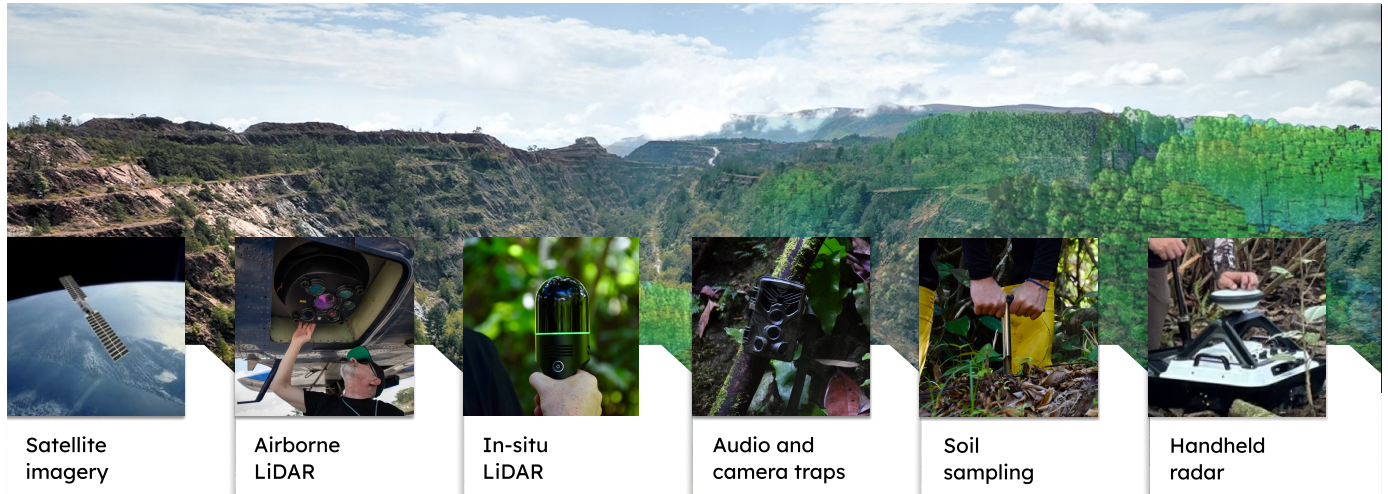
Today, R-evolution is extending the Green Cubes offering, launching the Green Cubes Digital Reality that transform the way we Measure, Report and Validate (MRV) environmental projects across the globe. The digital twin utilizes cutting-edge sensors and software from Hexagon and ecosystem partners, providing full visibility into the potential impacts in nature generated by business operations, and delivering the highest possible nature projects integrity to cope with existing regulation and preparing for future requirements.

Green Cubes now provides two different opportunities for helping businesses in their Net Positive Impact journey, 1) becoming a sponsor and contributing to the conservation of vital biodiversity corridors on a cubic meter basis and 2) applying Green Cubes Digital Reality to existing business operations to measure, validate, and report on biodiversity and nature impact. Both offerings are built upon the Green Cubes Methodology.

Shaping a greener extraction industry: The pressure for mining companies to keep up with biodiversity impact monitoring is accelerating fast, both via local permitting and new global regulatory frameworks. In addition, restoration projects, often described as rehabilitation, reclamation or future use, require significant investments where any efficiency gain could make a significant difference.

* https://portals.iucn.org/library/sites/library/files/documents/2015-003-Summ.pdf

Green Cubes Digital Reality offers a transparent and standardized approach to report on biodiversity impacts and conservation efforts, aligning with stringent standards and regulations. This is crucial for mining companies to improve ESG reporting, maintain licenses to operate, improve the efficiency in rehabilitation projects and improve reputation in the value chain by taking real positive environmental actions.

| Satellite imagery | Airborne LiDAR | In-situ LiDAR | Audio and camera traps | Soil sampling | Handheld radar |

The scope for Green Cubes Digital Reality extends beyond the extraction industry and has the potential to be the digital base for new industries and nature positive projects worldwide. In agriculture, for example, where the balance between productivity and ecological impact is delicate, Green Cubes can provide invaluable data and insights into sustainable land management, helping to conserve biodiversity while also optimizing crop yields.

"Green Cubes Digital Reality changes the game! We provide the highest transparency and trust possible in the market by leveraging Hexagon's global technology leadership and our partner ecosystem. The MRV offering is underpinned by earth observation, airborne and terrestrial mapping for real nature positive impact." says Erik Josefsson, R-evolution CEO.

As the first market player to compile extensive and fully transparent environmental data, Green Cubes is setting a new standard for corporates' environmental responsibility. From mining and beyond, Green Cubes is a lighthouse guiding corporates on the path towards true action and accountability for biodiversity conservation, protecting our planet for future generations.

R-evolution is attending EXPOSIBRAM in Belo Horizonte, Brazil and MINEXPO in Las Vegas, US, to connect with stakeholders and show the power of applying Green Cubes Digital Reality to accelerate the green transition in the mining sector.

For more information visit R-evolution's Forest Initiative site