

Commit helps TerraFirma build a Sustainable Future on AWS

Empowering Change by Transforming Environmental Risk Assessment

NEW YORK, NEW YORK, USA, July 16, 2024 /EINPresswire.com/ -- In the face of a rapidly changing climate, the need for innovative solutions has never been greater. Introducing [TerraFirma](#), a world-leading climate tech company on a mission to empower construction stakeholders and accelerate mitigation strategies. Their groundbreaking platform promises a one-stop solution for visualizing environmental risks, a critical tool for informed decision-making. However, for a company like TerraFirma, translating vision into reality presented a unique challenge – limited resources and a tight timeframe.



Commit helps TerraFirma build a Sustainable Future on AWS - TerraFirma Software

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Alejandro Mieses, Founder and CEO of TerraFirma

Holistic Environmental Insights: A Vision Takes Root
TerraFirma's vision is bold: a single, unified platform that provides unparalleled environmental data visibility.

Imagine a future where crucial decisions related to construction projects can be made with a clear understanding of potential environmental risks. This is the future TerraFirma is actively building.

Their initial pilot application, boasting an impressive 15 different environmental products, has already made a significant impact in Puerto Rico. This success is a

springboard for further global expansion, with additional plans of reaching into residential and commercial spaces, empowering informed home-buying decisions. The potential societal and environmental benefits are undeniable.

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bigger! We can help homebuyers, insurance companies, and many others make informed decisions that will mitigate unnecessary risks that can significantly impact their lives”, said [Alejandro Miseses, Founder and CEO of TerraFirma](#).

Struggles on the Road to Innovation

For all its potential, TerraFirma, like many young companies, faced the inherent challenges associated with a lean team and limited resources. The traditional application development process, often iterative and resource-intensive, simply wasn't feasible. Validating their innovative concept required a swifter, more agile approach. The clock was ticking – TerraFirma needed to build a functional prototype to secure funding and attract crucial early adopters.

The Winning Formula: Expertise, Agility, and Scalability

Enter [Commit](#), a game-changer in TerraFirma's journey. As an AWS Premier Tier services partner with a proven track record in environmental technology applications, Commit brought a potent combination to the table. The Commit team offered not only deep technical knowledge of the AWS cloud platform but also invaluable industry-specific expertise in environmental data processing and visualization. This perfect synergy allowed them to rapidly grasp TerraFirma's vision and translate it into a tangible prototype.

The power of AWS proved instrumental. It provided TerraFirma with the agility they craved. Experimentation and development became a streamlined process thanks to rapid infrastructure provisioning. Serverless capabilities fueled the creation of a functional prototype, allowing for swift iteration of their core concept.

Looking towards the future, the scalability of AWS ensures TerraFirma's application can grow in tandem with their business, eliminating concerns about resource limitations. Additionally, AWS startup funding provided critical financial assistance, offsetting development and implementation costs. “Choosing Commit as our cloud development partner was a no brainer! Not only do they understand AWS technology and ecosystem, but they also understand our industry and learned our product and vision quicker than I would have ever anticipated. The team is talented and flexible, which made the collaboration feel seamless”, added Alejandro.

Beyond Technology: A Partnership for Impact

The partnership between TerraFirma and Commit proved to be a winning formula. It wasn't just about the technical expertise that accelerated TerraFirma's journey. The funding secured through Commit's guidance played a pivotal role in cost optimization, a vital consideration for any young startup. This dynamic duo has not only produced a powerful environmental risk assessment tool but has also propelled TerraFirma to the forefront of climate tech solutions in Puerto Rico.

“There is nothing more exciting than helping startups innovate! This is at the core of Commit's DNA. We have seen our fair share of Climatetech projects over the years, and the added value of working with good people who are helping the environment takes the satisfaction of what we do to another level. It's very gratifying to see the incredible results you get, when you identify the

right blend of vision and execution”, said Max Nirenberg, Global CRO and Managing Director of Commit in North America.

TerraFirma's story is an inspiration for young startups striving for innovation.

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