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# ROADS & INFRASTRUCTURE AUSTRALIA

## ONWARDS AND UPWARDS

The pioneers of asphalt production have a new plant for projects of all sizes

### NOTHING TO HIDE

Transparency is proving key to reaching sustainable infrastructure outcomes

### NO COMPROMISES

A new forum has outlined what needs to be done to increase safety sector-wide



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Sripath Technologies is embracing transparency to push its sustainability capabilities even further.

# SUSTAINABLE, FOR ALL TO SEE

A FOCUS ON SUSTAINABILITY AND AN EMPHASIS ON TRANSPARENCY IS HELPING SRIPATH TRACK AND MANAGE ITS ENVIRONMENTAL IMPACT. NOW THESE BENEFITS ARE BEING HANDED DOWN TO LIKE-MINDED CUSTOMERS.

Image: stock.adobe.com/artrachien.

**C**rafting some of its products from renewable and plant-based materials, Sripath Technologies has a long history of developing and providing highly sustainable products to the market. Such is Sripath's commitment, the company ensures that the use of alternative material sources – such as plant-based materials – doesn't interfere with food production.

Considering its own impact on other sectors, as well as the ones that it serves directly, is emblematic of Sripath's approach to sustainability says Krishna Srinivasan, President – Sripath Technologies.

"Sustainability is at the core of how Sripath develops and deploys technologies and products to support the paving industry," he says. "We demonstrate our proactive stance on sustainability by ensuring we do our part to reduce the carbon footprint."

He says that's why Sripath excels in four distinct criteria – responsible sourcing, sustainable production, extended lifecycle and recycled materials.

Satisfying all four criteria is something many companies are unable to achieve.

## PROOF IN PRODUCTS

In 2023, Sripath underwent a significant change. The company identified an opportunity to better track and manage its environmental impact at each stage of production.

This undertaking, as well as the company's progress in this space for more than a decade, led to the development of its Environmental Product Declarations (EPD) or Product Sustainability reports.

Sripath published these for all the market to see, knowing the importance of transparency and trust for its customers and stakeholders.

After all, the company had nothing to hide. Far from it.

Deepak Madan, Sripath Chief Operating Officer, says providing clear information to the market and the company's policy around intentional transparency is centred on improving the infrastructure sector globally.

An area that, he says, could be improved.

"We're proud to pioneer transparency as a cornerstone of our business strategy, ensuring that our customers have easy access to our EPDs and Sustainability Reports," Madan says.

"Our commitment to the environment is an integral part of our core values and embedded in our DNA.

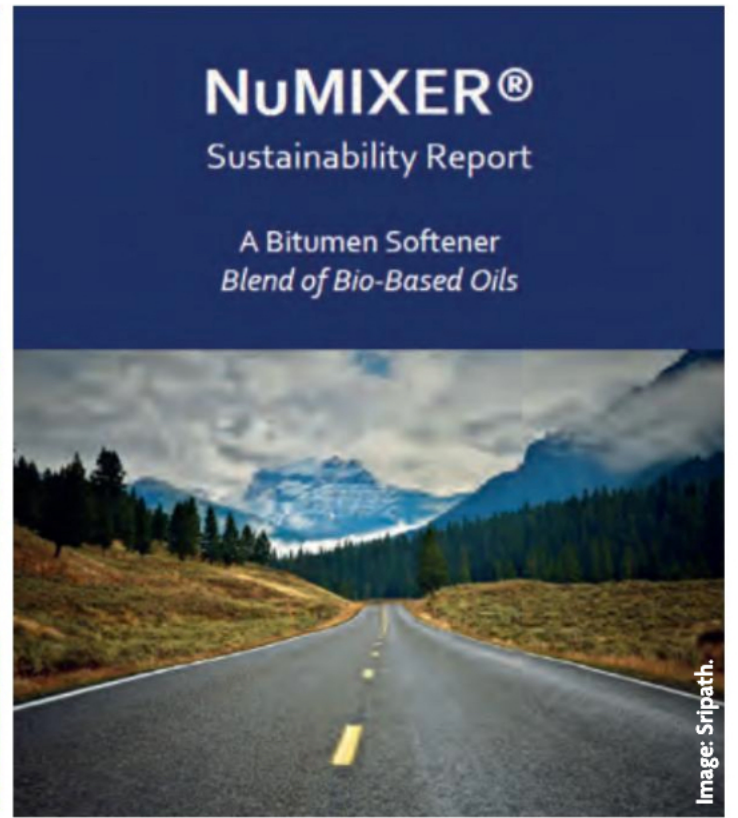
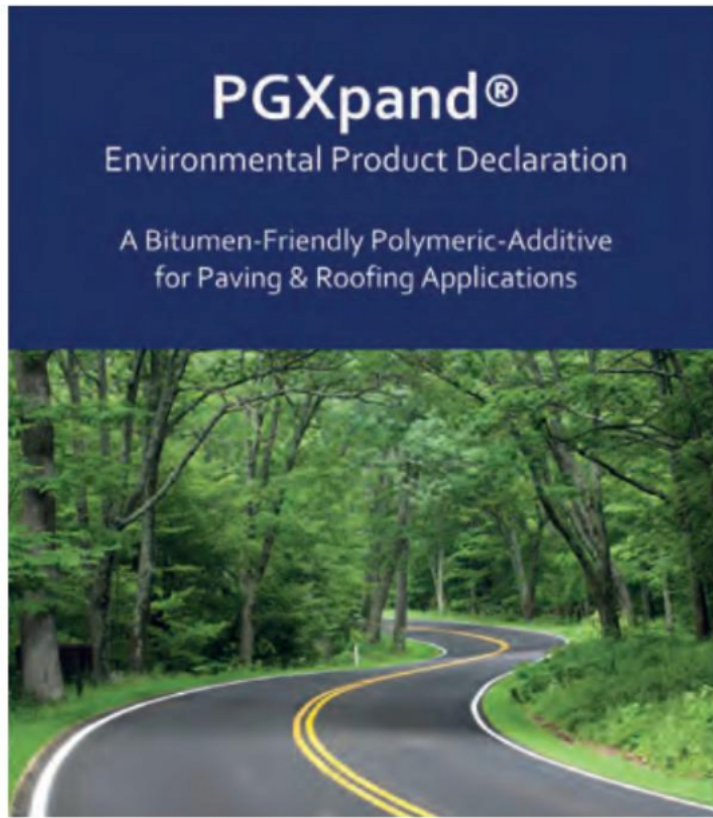
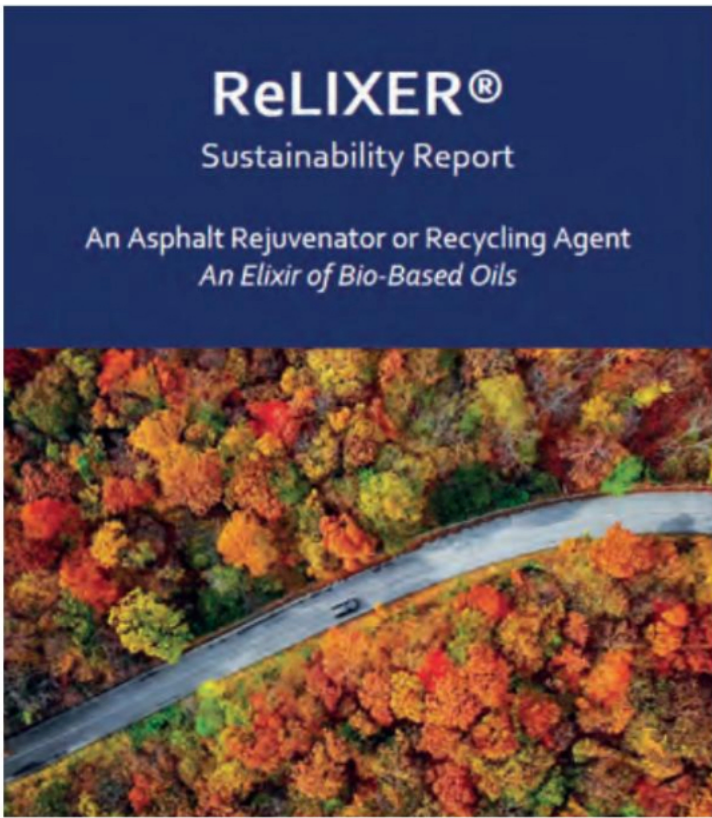
"The focus really hasn't changed. We've focused on designing products that are better for the environment, while also performing better for the customer, since day one."

Madan adds that the reflective process revealed that Sripath is one of very few companies willing to share internal information around environmental impact.

"It was a good learning process for us because it allowed us to look at our operations from start to finish. We looked more critically and one of the things we noticed is that people don't really share their EPDs, they treat them as being very confidential," he says.



Below: Sripath has a variety of Environmental Product Declarations that can be viewed at anytime online.



“We see ourselves in a leading position in terms of being transparent about our operations. We believe in our sustainability focus and our contributions to the environment. We’re proud that our products are helping other businesses to achieve their own sustainability goals.”

One example is Sripath’s Sustainability Report for its ReLIXER asphalt rejuvenator or recycling agent. ReLIXER helps customers incorporate higher levels of RAP (Recycled Asphalt Pavement), increase recycling and reuse, and lower their carbon footprint, all the while delivering desired performance and reducing cost.

Transparency means potential users and other interested parties can download the Sustainability Report PDF at any time, helping them to best consider the right tool for the project at hand.

The same goes for Sripath’s NuMIXER. NuMIXER is a green bio-oil bitumen softener or modifier that helps to soften bitumen, improving low temperature performance, fracture toughness, and fatigue properties.

Sripath’s bitumen-friendly polymeric additive, PGXpand, is another example. It enhances the high temperature properties and helps deliver roadways with outstanding rutting resistance. The product has a lower carbon footprint compared to traditional polymers. It is highly dosage efficient, requires less energy for PMB production and paving, thus, helping customers reduce their carbon footprint even further.

KoolTEQ, a recently introduced warm mix additive, helps reduce both the

temperature and energy required for mix production, paving, and compaction. Also, it is highly dosage efficient, further reducing the carbon footprint.

Sripath’s products can also be used in tandem, further increasing the potential carbon savings of an infrastructure/ construction operation. This performance is backed by the company’s several publicly available reports.

**SUSTAINABLE PRODUCTION**

As part of its role in pioneering sustainable paving innovations, Sripath takes pride in being an educator within

the construction sector. With experts frequently visiting international events, along with contributions to local associations, Sripath is determined to have an impact and legacy that goes far beyond just the bottom line.

Ravi Rajagopalan, General Manager, Sripath Asia-Pac says this is proven through Sripath’s global logistics network, as well as the company’s decades of both local and international experience.

“As sustainable measures continue to drive decision-making for the Australian paving market, we remain dedicated to providing sustainable products and solutions that enable our customers to meet their own carbon footprint goals,” he says.

One organisation that is a beneficiary of this knowledge exchange is the Australian Flexible Pavement Association (AfPA).

Anna D’Angelo, Executive Director Technology & Leadership – AfPA, says the organisation’s progress made in the sustainability space underscores its commitment to inspiring change.

“It is always a pleasure to chat with the Sripath team,” she says.

“Their unwavering commitment to sustainability is obvious from the portfolio of environmentally friendly products and technologies that they offer to the Australian paving industry.

**“THEIR UNWAVERING COMMITMENT TO SUSTAINABILITY IS OBVIOUS FROM THE PORTFOLIO OF ENVIRONMENTALLY FRIENDLY PRODUCTS AND TECHNOLOGIES THAT THEY OFFER TO THE AUSTRALIAN PAVING INDUSTRY.”**

“Ravi understands the concerns of the industry and can be relied upon to offer practical solutions to help reduce our industry’s carbon footprint.”

And Sripath isn’t stopping there. It has plans in place to release more EPDs and environmental reports to the market as part of its goal to accelerate the uptake of environmentally friendly alternatives in road construction. As Madan explains.

“Our focus on sustainability has been there for a very long time,” he says. “We take a lot of pains making sure that our products are as highly dosage efficient as possible while also having a lower carbon footprint to begin with. Helping people reach their goals is the type of positive impact that we’re aiming to have.” ■