

EIXO[SP]

On the road, together

Highway concession invests in road safety and social projects in communities



On the roads. Works that transform the surroundings through innovation, sustainability, highway maintenance, and road safety.

In communities. Sports Incentive Programs, training for the labor market, and encouraging responsible pet adoption, among other actions

Eixo SP.
Making a
difference
wherever
we go.

EIXO^[SP]

eixosp.com.br



EIXO^[SP]

Sumário

Pág. **04_ Presentation/Editorial**

Pág. **05_ Sustainable asphalt**

Green paving techniques use recycled waste that would otherwise end up in landfill

Pág. **06_ Electric tow truck**

Zero emissions and a range reflected in service efficiency. An investment already available to anyone requiring breakdown assistance on our highways

Pág. **07_ Animals on the road**

Abandoning animals is a serious matter—and a crime. At Eixo SP, rescued animals are taken to a safe place and given a happy ending

Pág. **08_ Environment:
Planting the Future**

Sowing seeds now and always. Beyond contributing to planting actions, Eixo SP raises environmental awareness among children and young people

Pág. **09_ Sport and jobs**

Eixo SP is more than just a highway operator. It is committed to playing an active role in society, by driving employment and promoting sport

Pág. **10_ Road safety**

Operational intelligence and technology combined to preserve lives

Pág. **11_ Overview of works**

Our engineering teams never stop. Since day one of its activities, Eixo SP has been maintaining the highways it operates

Pág. **12_ Overview of operations**

From changing a flat tire to saving lives, our front-line staff ensure travelers have all the support they need

Pág. **13_ Highway widening**

Works on the Marília-Oriente section of highway are going full speed ahead. As well as doubling the number of lanes, the project will transform mobility for communities around the SP 294

Pág. **14_ Awards**

Competing with logistics and infrastructure giants, Eixo SP is recognized for the efficiency of its services

Expediente

Editorial Management: Sergio Santillan (CEO) / Gilson Carvalho (CFAO) / Robinson Ávila (CEngO) /

Consulting: Environmental Department _ Gabriel Bispo (Environment Coordinator) /

Coordination: Communication Department _ Adriana Bonini (Communication Coordinator) / Juliana Lima (Communication Analyst) / **Editing and production:** Lettera Comunicação Estratégica

eixosp.com.br /   eixosp

Presentation

Another year for Eixo SP! More improvements, works, and technology are reflected in benefits and safety for users of Brazil's biggest privately operated highway network. In this report on our third year, we present the key actions carried out between June 2022 and May 2023 and recall some of our previous achievements. Eixo SP carries out an array of activities that include road and auxiliary infrastructure works, driver support centers, awareness campaigns on roads and in schools, and environmental conservation, whether by combating wildfires or protecting wildlife with animal crossings, which prevent animals from being run over and reduce the risk of accidents. In addition to all our infrastructure actions, in the first half of this year, we rolled out projects that contribute to developing the communities located along our highways. They include social programs to promote employment and sport, responsible pet ownership, and community participation in our engineering projects. Eixo SP is always innovating and improving, ever mindful of its responsibility to care for and preserve lives. Happyreading!

Happy reading!



Editorial

On the information highway

It is challenging to keep up with the pace of change in an era in which technology advances day by day. Opening up a world of infinite possibilities, technology also enables us to pursue one of the most robust projects in the history of Brazil's highways.

The key to always achieving the best for our travelers is continuous innovation. Last year, our persistence brought us wide-reaching recognition. We won two major awards in a competition with Brazil's leading infrastructure and logistics companies. Those accolades were down to the inspiration of our managers and staff, who seek service excellence through technological solutions, like machine telemetry, monitoring systems with integrated artificial intelligence, and the sustainability of our fleet and buildings.

But those trophies would be of little worth without a commitment to our end consumers and those closest to us: the communities of the 62 towns and cities that comprise the Eixo SP network.

Whether in innovation, supporting sport, or offering jobs at recruitment fairs, we are committed to a sustainable business policy.

Sergio Santillan
CEO, Eixo SP

Asphalt-rubber in highway resurfacing

More resistant to cracks and potholes, the material is also environmentally friendly



This technology makes roads more resistant to heavy vehicles and able to withstand wear from heavy traffic for longer.

José Geraldo de Andrade,
Works Supervisor



Sustainable technology was used for the resurfacing the Washington Luís Highway, SP 310. The asphalt used contains ground recycled tire rubber and is up to three times more durable than conventional asphalt.

Its elasticity slows the development of cracks and potholes, and it also offers benefits in terms of sustainability. For every kilometer of road paved with asphalt-rubber, the equivalent of a thousand waste tires are recovered from landfill. The initiative reinforces the concession's commitment to ESG practices, by reducing greenhouse gas emissions.

Plastic also becomes asphalt

Among the technological initiatives to combat environmental pollution, for which Brazil ranks among the four biggest global producers of waste, a new solution has begun to be rolled out by Eixo SP. It uses recycled waste plastic in road paving, a trailblazing initiative for the country. The trial application of this sustainable technology began with a stretch of highway in Rio Claro, between km 170+650 and 171+650 towards São Carlos.



Benefits of rubber

- > **More resistant** to cracks and potholes
- > **Three times** more durable
- > **1,000 tires** used per km



Timeline

Phase 1: Already in use on 74 km of Washington Luís Highway (from São Carlos to Cordeirópolis)

Phase 2: A further 144 km of the SP 225 to be resurfaced (between Itirapina and Bauru)

Phase 3: Roll-out across all highways operated by the concessionaire



Environmental benefits of plastic

- > **1 km** of plastic asphalt uses **200,000** units of plastic waste
- > If the technology were rolled out across all of Brazil's roads, it would use over **80 billion** units of plastic waste

Innovation: electric recovery vehicle

New tow truck will reduce emissions when providing breakdown services on Eixo SP highways



Electric recovery vehicle

Electric vehicles are now a reality in Eixo SP's operational fleet. In a move to reduce the GHG emissions from our services, in February 2023 the first tow truck powered by clean energy entered into service. The vehicle is charged by a local solar plant, is more economical than a conventional diesel tow truck, and has an efficient range for the job.

The electric tow truck is part of a planned fleet of electric vehicles for user services, representing another element in Eixo SP's ESG plan: a carbonfree highway network. Plans are already in place for the provision of clean energy for electric vehicles on all 12 of the concession operator's highways. Our travel centers will soon be equipped with charging stations.

- > **3.3T** JAC tow truck
- > Towing capacity **4.1T**
- > Solar-powered (= **clean energy**)
- > Important for **cutting emissions**
- > **6 times more economical** than a diesel tow truck
- > **Based** at the **Itirapina** service station
- > Has a range of **250 km**



Adoption and responsible ownership

Animals found on the roadside are rescued and put up for adoption

As well as rescuing abandoned animals found along the 12 highways it operates, Eixo SP also supports cat and dog adoption initiatives, like the ones held in Brotas and Rancharia this year. This is an initiative that bears user safety in mind while helping reduce the numbers of abandoned animals.

Between June 2022 and May 2023, Eixo SP registered 573 cases involving animals on the highway network under its management. The rescued animals are mostly horses and cattle. But there are also dogs, cats, pigs and birds. After neutering and recovering from any injuries, cats and dogs are put up for adoption.



Animal rescue service*

- > **63** domestic animals rescued
- > **10** wild animals rescued
- > **Dogs and cats** neutered
- > **Two responsible** adoption fairs held

*Between June 2022 and July 2023

"Planting the Future": cultivating environmental education

Eixo SP and partners planted 2,022 native tree seedlings

Program has a significant impact on communities.
Gabriel Bispo,
 Environmental Coordinator

To celebrate Tree Week 2022, Eixo SP planted seedlings of native tree species in seven municipalities along its highway network. The initiative marked the launch of the Plantando o Futuro (Planting the Future) program, created by the concession operator to expand environmental education in the communities, with the aim of preserving flora and fauna. Altogether, 2,022 seedlings were planted.

- Municípios atendidos**
- ▶ Itirapina, Broa neighborhood: **100 seedlings;**
 - ▶ São Pedro, Botânico II green area: **500 seedlings;**
 - ▶ Marília, Doce Futuro project: **500 seedlings;**
 - ▶ Dracena, Florindo Tabachi housing project: **350 seedlings;**
 - ▶ Quatá, technical school preservation area: **100 seedlings;**
 - ▶ São Carlos, Mata de Galeria forest: **50 seedlings;**
 - ▶ Brotas, technical school preservation area: **422 seedlings.**



Eixo SP promotes sport

The company is committed to social and environmental governance



- Educa Judô Brasil project**
- > For children aged **4 to 12**
 - > One-year course offering **70 places**
 - > Classes are **free**
 - > Participants receive **sports kit**
 - > Project set up in **2016**
 - > Uses judo as an **educational tool**

Eixo SP's work goes beyond the highways it operates. The company fosters local development in the municipalities where it is present. As part of our ESG policy, we sponsor the Educa Judô Brasil project in Pompeia through the federal sports incentive law. The project offers 70 places for children aged 4 to 12 to learn judo.

We understand how crucial it is for business to be sustainable, with a commitment to both the environment and society. And sport contributes to the healthy development of children.

The project uses judo as an educational tool to form and transform children's lives. Local judoka Inara Santos presided over the launch ceremony, who has represented Brazil

in international competitions. The municipality provides the venue for the classes, which are held twice a week over one year.

Training for job seekers

Another example of Eixo SP's ESG policy is the Qualificar program, designed to provide skills training for the labor market. The course, run in partnership between Eixo SP, Sebrae, and São Pedro town council, comprised four modules covering topics like professional attitude, teamwork, customer service, and regulatory standards for operational safety, focusing on working with machinery and equipment.

Road safety involves the community

Eixo SP carries out educational actions to prevent and reduce accidents



Accidents are usually the result of a combination of factors or circumstances. For that reason, Eixo SP is developing a robust Accident Reduction Program (ARP), which analyzes all accidents that occur on the road. Based on ARP data, engineering, operational, technological, enforcement and educational actions are implemented, aimed at reducing the number of accidents and their severity, i.e. how many injured and fatalities.

Educational actions include campaigns to raise awareness among road users and local communities about the importance of safe behaviors, traffic regulations and good health. Pedestrians are approached and given guidance on how to cross the highway safely. And, on stretches where large numbers of people cross the road at night, reflective vests are distributed.

Actions carried out

Road safety talks for:

- ▶ Staff of local businesses
- ▶ Students
- ▶ Eixo SP employees

Educational and awareness activities for:

- ▶ Motorcyclists
- ▶ Truck drivers
- ▶ Pedestrians
- ▶ Cyclists



Highway maintenance

Maintenance teams carried out an average of 380 assignments per day to ensure a safer, more modern highway network for users

Every day, our maintenance teams work to maintain the 12 highways operated by Eixo SP and secondary roads, a total of 1,221 km. Between June 2022 and May 2023, 138,000 assignments were carried out by 855 staff, divided into 145 teams responsible for road upkeep and safety.

Those assignments included in-depth repairs, pavement recovery, drainage system maintenance, line painting, upkeep of the highway platform, roadside cleaning, and installation of metal crash barriers, among other initiatives to modernize the road network. Carrying out this type of work is essential for road users.

Average of **380** assignments/day*

- > Pavement recovery at **4,133** points
- > **25,000** meters of metal crash barriers installed
- > **10,188** signposts installed
- > **730,000** sqm of line painting
- > Cleaning, maintenance and upkeep of **1,221** km of road
- > **855** staff involved, divided into **145** teams

*Period: June 2022 to May 2023

Team always on standby

Average of 438 roadside assistance events per day



Overview of services provided*



- > Emergency medical care: **9,165**
- > Tow-truck support: **31,530**
- > Mechanical assistance: **40,752**
- > Traffic inspection: **75,785**
- > Firefighting: **1,987**

*Between June 2022 and May 2023



Widening of the SP 294

- 19 km of widened highway
- 10 km of service roads
- 9 km of cycle paths
- 2 new footbridges
- Alteration of **existing** footbridge
- 4 interchanges
- Estimated cost of works: **R\$ 140 million**
- Expected to create **500 jobs**
- Scheduled completion: **2024**

Benefits of the works

- Increased comfort and safety for users
- Improved traffic flow
- Elimination of at-grade intersections
- Creation of jobs and income
- Stimulus to regional development

Highway widening to transform the Marília area

Works will be decisive for logistics in São Paulo state's Midwest, with a significant impact on mobility for the local population

Safe, modern, well-maintained roads. That is the goal of Eixo SP for its network of 12 highways and secondary roads between São Carlos, in mid-São Paulo state, and Panorama, on the border with Mato Grosso do Sul state. To that end, it implements the strategic planning and engineering actions determined at the start of the concession, which include highway widening.

At this moment, Comandante João Ribeiro de Barros Highway, SP 294 is being transformed between the municipalities of Marília and Oriente in the Brazilian São Paulo state. The widening began in August last year and continues apace. In the end, the works will incorpo-

rate twice the number of lanes between km 458 and km 477 of the highway.

To facilitate the works and keep to the timeframe, Eixo SP has set up a base at km 462, from which machinery, tools, pipes, and asphalt are sent directly to the construction area.

The works begin in Marília and head towards Oriente. There, a bridge was taken down to make way for a new one, in line with the highway improvement and expansion works.

The widened SP 294 will have a different dynamic, including CCTV cameras and Wi-Fi access. All as part of an advanced shared roadway concept, in which traffic, including bicycles, moves safely and comfortably in its separate space.

Eixo SP receives Best Concession Operator award for 2022

Efficiency in highway management, rapid damage remediation, and improvement works were decisive



Concessionária premiada: diretor-presidente, Sergio Santillan, recebe o prêmio Maiores & Melhores

Our goal is to meet the challenge of making the company more sustainable. At the same time, we are adopting smart tools that deliver even more efficient results to our users.
Sergio Santillan, CEO, Eixo SP

Eixo SP won the “Best Brazilian Highway Concession Operator” award in the 2022 Biggest and Best in Transport Awards, recognizing the industrial and services sectors contributing to Brazilian economic development.

The award considered the company’s management efficiency and the challenges it overcame in record time to remediate environmental damage and restore points severely hit by storms in early 2022. It also considered expansion and improvement works to Comandante João Ribeiro de Barros Highway (SP 294), and new highway widening works planned for 2023 in São Paulo state’s Midwest.

Inova Awards

Eixo SP also received the 2023 Inova Infra Award for its use of technology in the Wi-Fi network available to users of its highways and the artificial intelligence used in user assistance surveillance cameras and highway operations, such as shoulder mowing.

Award-winning

- > **Efficiency** in highway management during the pandemic
- > **Wi-Fi** on highways
- > **Largest** CCTV network in **Latin America**
- > **Robust plan** for pavement recovery and restoration of signage

Meet your new travel partner!

Discover amazing destinations, explore new cultures and create unforgettable memories.



Scan the QR Code or visit:
<http://app.vc/eixotrips>

EIXO[SP]



Emergency telephone number

0800 170 8998

eixosp.com.br

