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VINCI Highways' portfolio



Editorial

Belen Marcos, President of VINCI Highways, & Executive Vice President of VINCI Concessions

VINCI Highways gained new momentum in 2022. We successfully welcomed back travellers on our highways, with traffic bouncing back to pre-Covid levels, while maintaining the highest of safety standards. Our construction projects underway in Germany, Colombia and Greece continued to advance, and we celebrated the first year of construction on our award-winning P3 project in the Czech Republic.

Our development also accelerated, as we expanded our international footprint with the signature of an agreement to acquire a majority stake in Entrevias, our first highway concession in Brazil. This is a new country for VINCI Highways, and one with tremendous opportunities and growing mobility needs. With Entrevias, we will be overseeing construction already in progress by Brazilian contractors. This new management model will allow us to broaden our offer and continue to adapt to local contexts. Last year we also increased our share in our bridge concessions in Portugal, Canada and Greece,

and strengthened our free-flow expertise with the full acquisition of TollPlus. All these developments show VINCI Highways' ability to answer mobility needs in both large economies and fast-developing countries, and to successfully win new projects as a long-term partner. Adding value to our highways in the countries where we are present and moving into new geographies puts us in a strong position to continue to deliver growth in 2023. In line with VINCI Concessions' environmental commitments, our ambitious action plan to decarbonize road mobility offers valuable new opportunities. Helping our grantors anticipate the next shifts in road mobility through our capacity to innovate is a key strength that differentiates us from our competitors. But our biggest asset is the exceptional commitment of our teams, who keep VINCI Highways moving forward in our shared ambition to make road travel safer, smoother and more sustainable for communities now and in the future.



The year at a glance

VINCI Highways experienced robust growth in 2022. As traffic rebounded to pre-Covid levels, we won new contracts, advanced our major construction projects. and increased strategic acquisitions. Harnessing our strong partnerships and the peerless expertise of our teams, we continued to break ground in environmental performance,

Financials

Teams

4,000 employees

Network

3,362 km
Total network operated or under construction

1st

1st

1st

P3 highway project in Slovakia

PROGRAM MANAGEMENT

€1.966 м

OPERATIONS

49

quality of service awards received in 2022

Circa 10 M ETC and free-flow accounts +26% compared to 2021

2.7 Bn
free-flow transactions managed by ViaPlus

Traffic

227 м

57%

Performance

467 M

SAFETY

ENVIRONMENTAL TRANSITION

669 kwc

of the lighting along our roads & tunnels is LED

1.6 hectare

Commitments

(1) Data unaudited for some subsidiaries.

(2) Olympia Odos, Vía 40 Express, Via Salis, Via Mühlhausen Thüringen, Via Niedersachsen, Prado Tunnel (Schloesing), Entrevias, Island Roads Services.

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An end-to-end offer to take mobility to the next level

VINCI Highways designs, builds, finances and operates more than 4,000 km of road systems in 15 countries, as well as develops and manages state-of-the-art solutions allowing free-flow mobility. Our synergies across the VINCI Group offer public authorities and grantors an integrated model that can deliver all aspects of a project to the highest standards of performance and safety.



Finance

VINCI Highways is able to secure the longterm financing required by the most complex infrastructure projects. Our financial experts work closely with public authorities and financial institutions to develop win-win solutions that serve the public interest. Being part of a leading international group puts us in a unique position to commit to financing that will endure throughout the project's lifecycle and deliver lasting value along a project's entire value chain.

Design and build

As part of the VINCI Group, we have the ability to partner with sister companies during a project's entire program management phase. This expertise is based on decades of experience in managing projects around the world. Besides, we also have strong capability to work with local contracting partners, enabling us to adapt to local conditions and contexts, and to better understand and respond to the needs and expectations of all stakeholders. By combining this local perspective with our international expertise. we deliver solutions that respond fully





Digitalize

As a global leader in road infrastructure and operations, VINCI Highways masters a range of technological solutions. We are unique in designing, developing, installing and maintaining advanced end-to-end free-flow solutions in the most pivotal markets. From cutting-edge back-end systems to user-friendly front-end services, we bring smart mobility solutions to the next level and set new industry standards in innovative services. payment convenience, compliance and security.

Maintain and operate

Every day around the world the teams of VINCI Highways ensure the safe and seamless travel of more than one million drivers. From monitoring road conditions to anticipating maintenance needs to be ready to respond to incidents immediately, to keeping traffic moving fluidly and preventing accidents with the help of new technologies, we are united through a culture of performance, continually measuring what we do to ensure we are providing value to our users.



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Decarbonizing road mobility around the world

In line with VINCI Concessions' commitments, we are driven by three priorities in reducing CO₂ emissions: to be exemplary in our own activities, to encourage drivers' use of cleaner vehicles – electric, hydrogen, biogas – and to contribute to the energy transition in every region where we operate.

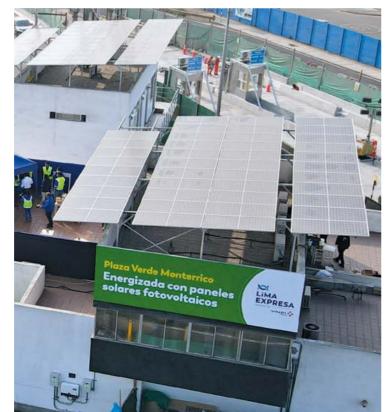
Power from the Sun

Around the world, VINCI Highways is deploying solar parks along our highways to produce carbon-free energy for our operations. On Lima Expresa, in Peru, we have installed 84 photovoltaic panels on the roof of the Monterrico toll plaza, allowing us to reduce operational electricity consumption by 26% per year. In Germany, our first photovoltaic production unit is now installed on the A5 highway operations centre to power its needs. In Greece, we are installing solar arrays on the roofs of buildings, car parks and available land along the Athens-Patras highway, as well as developing solar production on the Rio-Antirrio bridge. Our goal: reaching energy self-sufficiency by 2025. These ambitious ongoing initiatives have contributed to our reduction of scopes 1 and 2 emissions by 30% since 2018.

669 KWp

-30%
reduction of VINCI Highways' emissions (scopes 1 and 2) since 2018







Accelerating alternatives for drivers

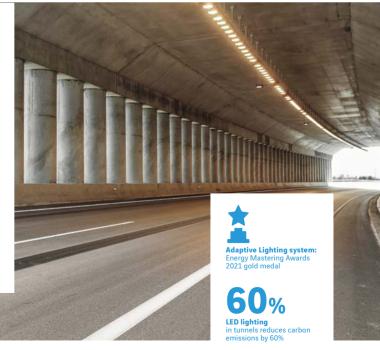
VINCI Highways is making possible a future of cleaner vehicles by deploying electric charging stations for drivers along our highways. This year, we launched this scope 3 initiative in a new country, Slovakia, where we installed our first EV charging points in service areas along the Via Pribina expressway.

341
EV charging stations deployed on our network



Optimizing energy efficiency

In parallel to adopting renewable energy sources, we are constantly seeking ways to reduce energy requirements across our network, from electrifying our fleets to switching to more energy-efficient solutions. For example, we are replacing sodium with LED lighting along the 202 km of the Athens-Patras highway, reducing energy needs by at least 50%. Each interchange will soon be equipped with the Adaptive Lighting system, which adjusts lighting in real time to traffic, weather conditions and road incidents, increasing safety and reducing energy consumption. On Slovakia's Via Pribina expressway, we are planning to replace 280 traditional roadlights with energy-saving LED lamps.



Paving the way to sustainability

Aside from lowering our CO₂ emissions, VINCI Highways is pioneering ways to reduce our environmental impact at every stage of the value chain, making environmentally responsible practices a cornerstone of our projects.



VINCI Highways is taking tangible steps to advance the green transition in the local areas where we operate. One star example is Peru, where, in the five years we have been present in the country, our subsidiary Lima Expresa has reduced its direct carbon emissions by 40%. In 2022, we went even further, launching new carbon sequestration actions in partnership with the National Service for State Protected Natural Areas. As well as lowering its carbon footprint, Lima Expresa has introduced a range of measures to encourage its users to be environmentally responsible: one of these allowed 6 tonnes of electronic and electrical equipment waste to be recycled in 2022. These initiatives show how an urban highway can be part of the sustainable transition to smart cities, a blueprint for our other highways in Latin America.









Driving the circular economy

VINCI Highways is multiplying circular economy initiatives to reduce waste and save resources, including using a growing proportion of recycled materials in all the projects we manage. In 2022, we commissioned a sustainable asphalt production plant to produce materials for the construction of the Bogotá-Girardot highway. Its state-of-the-art technology allows the use of 40% recycled materials. The new site has potential production of up to 240 tonnes per hour, which will supply the high demand for asphalt for the net zero objective set by the government of Prince Edward Island.

Biodiversity:not just a buzzword

VINCI Highways is taking action at every level, from installing wildlife crossings to limiting pesticide use to restoring natural areas. Around the Via Pribina expressway in Slovakia, we have installed 40 beehives housing 2.5 million bees that pollinate the surrounding area. We are also trialling an innovative project to replant wild meadows on the edges of the highway. In Colombia, we are carrying out ambitious reforestation with native tree species to offset works on the Bogotá-Girardot highway. Last year, our teams planted the program's 20,000th tree.



+500,000
trees will be planted in Colombia

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Strong teams, strong communities

VINCI Highways' teams are united across the globe by our shared pursuit of excellence and our commitment to generating positive mobility. Our business culture promotes diversity and the pooling of expertise to best serve the communities where we operate.

Joining forces with the Ministry of Women in Peru

As part of the communities we serve, our teams are involved in a range of actions to benefit local populations. In Peru, Lima Expresa joined the Ministry of Women and Vulnerable Populations in a campaign against violence against women: "Siempre de tu lado" (Always on your side). Some 70% of the staff working in toll collection for Lima Expresa are women. Information about gender violence was placed in the toll booths of the Via de Evitamiento and the Linea Amarilla expressway with the aim of raising awareness of road users and citizens.

Strength in knowledge

Operating as a network of experts, VINCI Highways' teams use know-how learned in one project to train and inspire others. Most recently, this involves sharing expertise between our teams working on Via Salis, a new project under construction in the Czech Republic, and neighbouring Slovakia's Via Pribina, which has been in operation for ten years. Project visits, learning expeditions and workshops are providing opportunities to share in-depth knowledge on various technical and safety challenges and innovative solutions as well as to brainstorm actionable ideas.





Putting women in the driver's seat

To lower the barriers faced by women in the construction industry, our teams in Colombia, in partnership with VINCI Construction, have created Semillero Rosa (Pink Incubator) to train women for positions usually held by men. In 2022, 14 women completed training to be heavy machinery operators. The goal for 2023 is to train 50 women in a wider range of occupations, including mechanics and welding.

women engaged in Semillero

Forging links for the future

Building new road networks primed for the future means more visitors and more economic vitality for an area. Around the world, authorities are placing their trust in our expertise to respond to their long-term mobility needs.



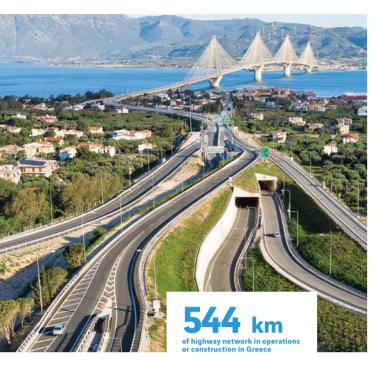
An iconic bridge in Canada

In North America, an agreement was signed to increase VINCI Highways' stake in Strait Crossing Development Inc. to 85%. This company operates the Confederation Bridge, which connects Prince Edward Island and New Brunswick. The VINCI Group was involved in its construction, which, at 12.9 km, is the world's longest bridge over ice-covered water. VINCI Highways aims to contribute to the net zero objective set by the government of Prince Edward Island.

Breaking new ground in Brazil

In a first in this country, VINCI Highways signed an agreement to acquire a 55% majority stake in the Entrevias concession, which crosses the State of São Paulo from north to south. The concession includes 2 highways with a cumulative length of 570 km. The contract covers the operation and maintenance of a 299-km section north of São Paulo and a 271-km section south of São Paulo, as well as works underway to widen the motorway to 2x2 lanes over 210 km. This new project allows VINCI Highways to continue developing its presence in Latin America in the most populated state of Brazil, the largest economy in Latin America.







A growing network in Greece

In 2022, VINCI Highways and its partners signed a contract with the Greek authorities to design, finance, build and operate a new 75-km section of the Olympia Odos motorway that will link Patras to Pyrgos. This extension is part of the existing concession for the Athens-Patras highway and will make it possible to save about forty minutes on the route while increasing safety. The network will stimulate the economic development of the region by improving access to the main urban centres, Athens, Patras and Pyrgos, as well as strengthening connections with ports and facilitating access to historic sites in the Peloponnese. VINCI Highways has also increased its majority stake in Gefyra, concessionaire of the Rio-Antirrio bridge. Connected to the Olympia Odos motorway near Patras, the bridge links the Peloponnese to mainland Greece and is a vital corridor in the country's developing infrastructure.

Long-term partnership pays off in Portugal

VINCI Highways has increased its participation in Lusoponte, the operator of the 25 de Abril and Vasco da Gama bridges crossing the Tagus estuary in Lisbon, to become co-owner with Lineas. Lusoponte holds the concession for the two bridges until 2030 and for any future road bridges over the Tagus.

90,000





Slovakia's expressway celebrates its 10th year

A decade after entering service, Slovakia's first highway public-private partnership (P3) keeps demonstrating positive impact for drivers. In 2022, VINCI Highways opened two new rest areas, contributing to safety and driver comfort on this route that sees 18,600 vehicles passing through daily. In the expressway's decade of operation, drivers have benefited from significant time and fuel savings as well as dramatically improved road safety.

A milestone for a new highway in the Czech Republic

To mark the first year since the foundation stone was laid for the future D4 (Via Salis) highway, Martin Kupka, the Czech Republic's Minister of Transport, visited the site together with Nicolas Notebaert and Belen Marcos to see how work is progressing. The country's first full-BIM P3 road project, this major new infrastructure will link Příbram, in Central Bohemia, to Písek, in South Bohemia, when it is completed, in 2024.

Awarded best European P3 project by PFI (Project Finance International) in 2021









in Germany

The fifth P3 project awarded to VINCI Highways in Germany, the expansion of the B247 federal highway began in spring 2022. The 22.2-km section between the cities of Mühlhausen and Bad Langensalza will benefit the local economy by linking Northern Thuringia to the regional capital Erfurt and improving connections to the region's highways. The works are part of a 30-year P3 and include the recycling of asphalt, measures for biodiversity to protect animal populations, and rainwater retention basins. This is the first German federal road ever attributed to a private operator under a P3 scheme. In another German project, the first six-lane section of the A7-2 was brought into service in 2022. The section between Seesen and Düderode was expanded to three lanes in both directions, considerably improving traffic flow for users. Freeway under- and overpasses were constructed, as well as a 925-m noise barrier and the use of porous asphalt to contribute to noise reduction, improving the quality of life for residents. •

with 230 km of road VINCI Highways is the leading

Ensuring safe mobility

Our number one priority is keeping our road users and our employees safe. Backed by the VINCI Group's strong safety culture and zero accident target, the safety measures we implement on our networks – from road awareness campaigns to installing state-of-the-art technology continued to yield real results in 2022.





an early warning system integrating a camera and intelligent pattern recognition software on the Via Pribina expressway in Slovakia to detect vehicles entering the fast lane in the wrong direction and alert the driver. Since its launch, the system has achieved an 88% success rate, and plans are in place to extend it to other sections of the expressway.

Safety Week around the world

VINCI Highways organized the third edition of the Safety Week in November 2022, a major event that involved all VINCI Highways employees. They organized local activities around a common theme: "Let's dare safety", including workshops, safety trainings, fire drill simulation and construction site visits. The edition saw great participation from partners and subcontractors. At this occasion, the launch of the "Safety stories" videos helped recognizing the safety heroes by highlighting some of their success stories.



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Acting for smarter road mobility

We are continuously innovating to ensure a seamless experience for drivers that increases convenience and safety and reduces congestion and pollution. From free-flow solutions to apps for motorists, we strive to make driving simpler, more streamlined and, ultimately, more sustainable.



Innovative infrastructure

Innovation is also enhancing our infrastructure. In Greece, the road surface in the Theseus tunnel was lightened, increasing driver visibility while reducing the electricity consumption of the LED lighting by 35%. This pilot project uses a special surface coating to capitalize on the reflectivity of light-coloured pavement and has a two-fold environmental benefit. It decreases the level of lighting as well as the need to replace the pavement, lowering both carbon emissions and resource use. The surface also improves safety and creates a more comfortable driving environment. This best practice is planned to be rolled out in other Olympia Odos tunnels. •







Our teams anticipate how road use is set to change and roll out innovative flowmanagement solutions that help drivers at every step of their journey. Following the introduction of a hybrid toll system that allows distance-based tolling for the first time in Greece, Olympia Odos launched an app that allows travellers to choose the best route, calculate tolls, locate service areas, get traffic updates and more. Olympia Odos pass subscribers can monitor their account 24/7 and top-up their transponder online. In Colombia, Vía 40 Express optimized the experience of its users through a chatbot on its website, becoming one of the first highway concessions in the country to adopt this tool. The chatbot can interact with an unlimited number of users in real time to provide information on road conditions, road works and incidents, or connect motorists to an emergency hotline, offering a more convenient, safe and fluid experience for drivers.



Taking free-flow to the next level with ViaPlus

Road mobility is undergoing a profound technological and digital transformation.

VINCI Highways is playing a key role in that revolution with advanced free-flow solutions.

To extend our leadership in this rapidly growing area, in 2022 VINCI Highways acquired the remaining stake in TollPlus, taking 100% ownership of this software company specializing in toll back-office systems and mobility solutions. TollPlus will be brought together with Cofiroute USA, another

VINCI Highways expert in integrated technology solutions, to launch a new brand, ViaPlus.

By joining the forces of these two innovative

companies, VINCI Highways is creating a new world leader with unrivalled ability to leverage digital solutions throughout the road mobility value chain. This expertise will accelerate the digitalization of road mobility in all geographies, in the USA, where the market is growing strongly, but also in other geographies of the network. For example, in Colombia, it is now possible to pay the Chusacá and Chinauta tolls on the Bogotá-Girardot highway using contactless electronic payment. This technology that automatically processes road user transactions will soon be extended to the entire highway. Further south, 100% of the toll booths of Lima Expresa in Peru now offer the option of contactless card payment.



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VINCI Highways' portfolio

Infrastructure - Project company	Type of project	Length	End of project	Ownership of the concession company	Ownership of the operating company	Key indicators
BRAZIL						
São Paulo North-South highways - Entrevias	Traffic risk	570 km	2047	55%	in house	32.9 M ⁽¹⁾
CANADA						
Regina Bypass – <i>SGTP</i>	Availability scheme	61 km	2049	37.5%	50%	7.4 M ⁽²⁾
Confederation bridge - Strait Crossing Development Inc.	Traffic risk	13 km	2032	85%	in house	0.8 M ⁽¹⁾
Fredericton-Moncton highway – MRDC	Availability scheme	195 km	2028	25%	in house	3.3 M ⁽²⁾
COLOMBIA						
Bogotá-Girardot motorway – <i>Vía 40 Express</i>	Traffic risk	141 km	2046	75%(3)	in house	16.1 M ⁽¹⁾
CZECH REPUBLIC						
D4 highway – <i>Via Salis</i>	Availability scheme	47 km	2049	50%	100%	3.5 M ⁽²⁾
FRANCE						
Prado Sud tunnel – SPS	Traffic risk	1.5 km	2055	59%	33%	6.7 M ⁽¹⁾
Prado-Carénage tunnel – SMTPC	Traffic risk	2.5 km	2033	34%	in house	14.4 M ⁽¹⁾
GERMANY						
A7 highway – <i>Via Niedersachsen</i>	Availability scheme	60 km	2047	50%	in house	30.7 M ⁽⁴⁾
A5 highway – Via Solutions Südwest	Traffic risk	60 km	2039	54%	in house	3.4 M ⁽¹⁾
A4 highway – Via Solutions Thüringen	Traffic risk	45 km	2037	50%	in house	4.4 M ⁽¹⁾
A9 highway – Via Gateway Thüringen	Availability scheme	47 km	2031	50%	in house	14.5 M ⁽⁴⁾
B247 federal road – Via Mühlhausen	Availability scheme	22 km	2051	50%	in house	N/A – construction
GREECE						
Charilaos Trikoupis bridge – <i>Gefyra</i>	Traffic risk	2.9 km	2039	72%	71%	7.0 M ⁽¹⁾
Athens-Corinth-Patras- Pyrgos motorway – Olympia Odos	Traffic risk	276 km	2044	30%	30%	52.0 M ⁽¹⁾
Maliakos-Kleidi highway - Aegean Motorway	Traffic risk	230 km	2038	15%	in house	24.9 M ⁽¹⁾
KENYA						
Nairobi-Mau Summit highway – <i>Rift Valley Highway⁽⁵⁾</i>	Availability scheme	232 km	N/A	50%	N/A	N/A
PERU						
Lima Expresa expressway – Lima Expresa	Traffic risk	25 km	2049	100%	in house	63.1 M ⁽¹⁾

Infrastructure - Project company	Type of project	Length	End of project	Ownership of the concession company	Ownership of the operating company	Key indicators
PORTUGAL						
25 de Abril and Vasco da Gama bridges – <i>Lusoponte</i>	Traffic risk	16 km	2030	49%	in house	37.5 M ⁽¹⁾
REPUBLIC OF IRELAND						
Dublin ring-road – M50 – Turas Mobility Services	Free-flow services	N/A	2031	60%	N/A	54.2 M ⁽⁶⁾
SLOVAKIA						
R1 (PR1BINA) expressway – Via Pribina	Availability scheme	52 km	2041	50%	100%	15.1 M ⁽⁴⁾
UNITED KINGDOM						
Newport bypass - Morgan VINCI Ltd	Availability scheme	9 km	2042	50%	0% (VINCI Construction – 100% VINCI Subsidiary)	9.4 M ⁽²⁾
Isle of Wight road network – Island Roads Services	Availability scheme	821 km	2038	50%	0% (VINCI Construction – 100% VINCI Subsidiary)	0.7 M ⁽⁴⁾
London Borough of Hounslow road network – Hounslow Highways Services	Availability scheme	432 km	2037	50%	0% (VINCI Construction – 100% VINCI Subsidiary)	3.3 M ⁽⁴⁾
UNITED STATES						
Ohio River bridge – East End Crossing Partners	Availability scheme	0.8 km	2051	33%	in house	10.4 M ⁽²⁾
91 Express Lanes - ViaPlus	Free-flow services	N/A	2027	100%	N/A	40.8 M ⁽⁶⁾
North Texas Tolling Authority – ViaPlus	Free-flow services	N/A	2028	100%	N/A	1,129 M ⁽⁶⁾
Central Texas Regional Mobility Authority – <i>ViaPlus</i>	Free-flow services	N/A	2023	100%	N/A	73 M ⁽⁶⁾

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⁽¹⁾ Toll transactions.
(2) Km driven.
(3) Post additional shares acquisition in March 2023.
(4) Average daily traffic (ADT).
(5) Upon financial closing.
(6) ETC transactions.

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