A KEY PARTNER OF TOWN AND REGIONAL AUTHORITIES, THE SYSTRA GROUP IS THE SIGNATURE TEAM FOR TRANSPORTATION SOLUTIONS.

Our expertise finds answers to mobility’s greatest challenges: access for all to education, employment and leisure. All over the world, our experts advise, dream up and build new mobilities, to help our clients better prepare for the future. Sustainability, reliability and safety are at the heart of the know-how of our engineers, project coordinators and consulting specialists. With SYSTRA, confidence moves the world.

THE SIGNATURE TEAM

EXCELLENCE
Firmly rooted in our engineering culture, excellence is both a goal and a way of working. Our clients are ambitious and demanding. Our commitment to finding the best solutions in the best conditions is a promise of confidence and performance.

CONNECTED TEAMS
We activate our skillsets and coordinate them to solve the most complex problematics. By going beyond cultural and technical differences, we create teams united around a common goal, where each person’s talent contributes to everyone’s success.

BOLD LEADERSHIP
The projects we assist are profoundly transforming mobility. Through our ability to innovate, we bring clients the new answers and bold leadership needed to achieve. We feel driven today to think, design and imagine the mobility solutions of tomorrow.
**OUR KEY FIGURES**

**2019 IN NUMBERS**

- **7,336** employees worldwide
- **+60 years** of experience in transport
- **€ 631 m** turnover
- **70%** of turnover from international markets
- **80 countries** operational presence

**ENGINEERING NEWS-RECORD (ENR) INTERNATIONAL RANKINGS***

- **#4** Mass Transit and Rail
- **#8** Bridges
- **#9** Transportation

**OUR ACHIEVEMENTS**

- **50%** of the Metro lines and of the high speed lines in the world
- **30** of the cable-stayed bridges in the world
- **80%** of tramway projects in France

**TURNOVER SPLIT**

- **80%** with public authorities and network operators
- **20%** with private companies

**SHAREHOLDER STRUCTURE**

- **43.4%** SNCF
- **43.4%** RATP
- **11.4%** own shares
- **0.5%** employees
- **0.5%** employees

* 2019 ENR rankings
7,336 employees

THE COMMITMENT OF SYSTRA'S MEN AND WOMEN

A RESPONSIBLE AND COMMITTED POLICY

Ethics
Maintaining the highest standards of business conduct in strict accordance with laws and agreements and promoting ethical values for all our stakeholders.

Health, safety, security
Leveraging our collective knowledge and expertise to achieve a safer world.

Sustainable development
Acting in favour of sustainable development by reducing our environmental footprint and contributing to attaining the UN’s sustainable development goals.

MAP LEGEND
- MAIN SYSTRA LOCATIONS AND CENTRES OF EXPERTISE
- COUNTRIES DISPLAYED
- TOP 12 SYSTRA WORKFORCE

The maps shown in this public communications document are meant to reflect SYSTRA’s internal operational and economic organization only. There is no intent or willingness to disclose or issue any opinion whatsoever of any kind with respect to geopolitical matters. SYSTRA companies shall in no event be held liable for any interpretation that may be made in respect thereof.
FOR ALL TRANSPORTATION SOLUTIONS

- BUS & BUS RAPID TRANSIT
- LIGHT RAIL TRANSIT
- RAIL
- METROS
- HIGH SPEED
- URBAN CABLE CARS
- BRIDGES
- STATIONS
- UNDERGROUND STRUCTURES
- ROADS & HIGHWAYS
- DIGITAL & NEW MOBILITY SOLUTIONS
- AVIATION

SYSTRA, PRESENT THROUGHOUT THE PROJECT LIFECYCLE

- CONSULTANCY
- PROJECT MANAGEMENT
- DESIGN
- CONSTRUCTION SUPERVISION
- TESTING & COMMISSIONING
- OPERATION & MAINTENANCE ENGINEERING
Every day, low-carbon mobility becomes a little more embedded in our daily journeys. It forms a natural part of the calm and sustainable city while supporting development for municipalities.

Transportation networks can increase their profitability while optimising the way they gather, analyse, structure, and share data, from planning to operation, from design to construction.

Connected technology is accelerating the transition towards on-demand services and pay-per-use pricing to respond to new expectations (MaaS).

Efficient and sustainable management of transport infrastructures is a vital challenge set to intensify for existing and new lines. Making the right investment decisions at the right time is essential to preserve the value of assets.

Automation, already widely used in the metro, will transform public transport, improving the safety, capacity and reliability of services. Self-driving carriages and shuttles will become more widespread. And why not flying taxis and drones?

New technologies and the digital transformation are accelerating openness and the interconnection of systems making them more vulnerable. This means having to revisit the usual scenarios to implement the most appropriate provisions.

Studies on new network routes allow decision-makers to measure impacts of development projects, and to identify deposits of land-related value. Mobility needs to be understood within a more systemic view enabling choice assessment on the scale of a whole municipality.

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OUR APPROACH TO INNOVATION
BEING AMBITIOUS AND REALISTIC

Thanks to our long experience and holistic vision of transportation systems, SYSTRA accompanies clients in the choice and implementation of new technologies to tackle their mobility challenges.

OUR ICONIC PROJECTS
A history of passion and innovation

1970
Cairo Metro: first metro on the African continent

1974
The Lille VAL: world’s first automated transport system

1980
Nantes tramway: first modern tramway in France integrating low floor, articulated and scalable carriages

1992
SYSTRA patents the concept of the U-shaped viaduct

1997
Bordeaux: world’s first tram without overhead wires

2007
World rail speed record on the LGV Est

2012
Creation of La Fabrique workshops

2014
Dubai Tram: first CBTC tramway integrating platform doors and use of the APS system in extreme climatic conditions

2014
Innovation challenge “SYSTRA’s got talents”

2016
BIM design award, the 2016 Build-Earth Live Hyperloop prize won in Dubai

2016
Hyperloop project with Virgin Hyperloop One

2017
Autonomous train with SNCF

2017
New NExTEO operating system with CBTC and ATS (Automatic Train Supervision) technology

2017•18
Bus line electrification in Montreal, Lyon and Orléans

2018
Self-driving cars with SYSTEM X and NTU University in Singapore

2019
Urban Air Mobility with Airbus

2020
• SYSTRA developed its new slab track (patent pending)
• Publication: ‘The Future of the Subway’, a prospective study accessible to all led by the magazine ‘Usbek & Rica’
**THAILAND**
Easing travel in Thailand is happening via the interconnection of its airports with its hyper-centre thanks to the creation of a high-speed line.

**CANADA**
The new Samuel De Champlain Bridge spans the Saint Lawrence river and has transformed mobility for almost 50 million motorists each year.

**UNITED KINGDOM**
The new station in London of the HS2 high speed network will be the most interconnected in the country. Its construction is being managed by the Balfour Beatty/Vinci/SYSTRA joint venture.
**/04 FRANCE**
The Grand Paris Express is Europe’s biggest urban transport project. At the worksite’s peak up to 21 tunnel boring machines will be simultaneously in action to cut four metro lines.

**/06 BRAZIL**
Optimisation of the bus networks is essential for daily travel. In Teresina, the biggest city in the state of Piauí, the experience and safety of passengers requires digital solutions.

**/05 UNITED ARAB EMIRATES**
The Etihad Rail freight rail network currently under construction aims to link the port terminals and cities of the entire Arabian Peninsula.

**/07 AUSTRALIA**
In May 2019, Australia’s biggest city inaugurated its first automatic metro line and began the construction of a second line in order to promote collective and sustainable mobility.