



**THE SIGNATURE TEAM**  
**FOR AIRPORT SERVICES**

**SYSTRA**

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# CONTENTS

04

PART 01  
**SYSTRA**

04

**ABOUT US**

05

**OUR CAPABILITIES**

06

PART 02  
**OUR APPROACH**

06

**A BENEFITS-LED APPROACH**

08

**TRANSPORT EXPERTISE**

10

**OUR DELIVERY VALUES**

12

PART 03  
**WHAT MAKES US UNIQUE**

12

**WHY SYSTRA**

# SYSTRA

## ABOUT US

### SYSTRA GLOBAL

SYSTRA is one of the world's leading engineering and consulting groups, specialised in public transport and mobility solutions. For more than 65 years, the Group has been involved with cities and regions in order to contribute to their development by creating, improving and modernising their transport infrastructures and systems.

### SYSTRA UK & IRELAND

In the UK and Ireland, SYSTRA has been creating, improving and modernising infrastructure for more than 50 years. We have around 1,000 colleagues based in our 13 offices across the UK and Ireland.



# OUR CAPABILITIES

Our specialists ensure airports are integrated into a network of sustainable and efficient transport modes – providing accessibility, connectivity and opportunity. We apply our global knowledge across rail and highway infrastructure alongside modelling, planning and human factors services to deliver tailored solutions that benefit airport users and operators and ensure value for our clients.



BRIDGES



CABLE CAR



TUNNELS



ROAD INFRASTRUCTURES



HIGH SPEED RAIL



LIGHT RAIL TRANSIT



AIRPORTS



CONVENTIONAL RAIL



MASS RAPID TRANSIT



BUS RAPID TRANSIT



# OUR APPROACH

## A BENEFITS-LED APPROACH

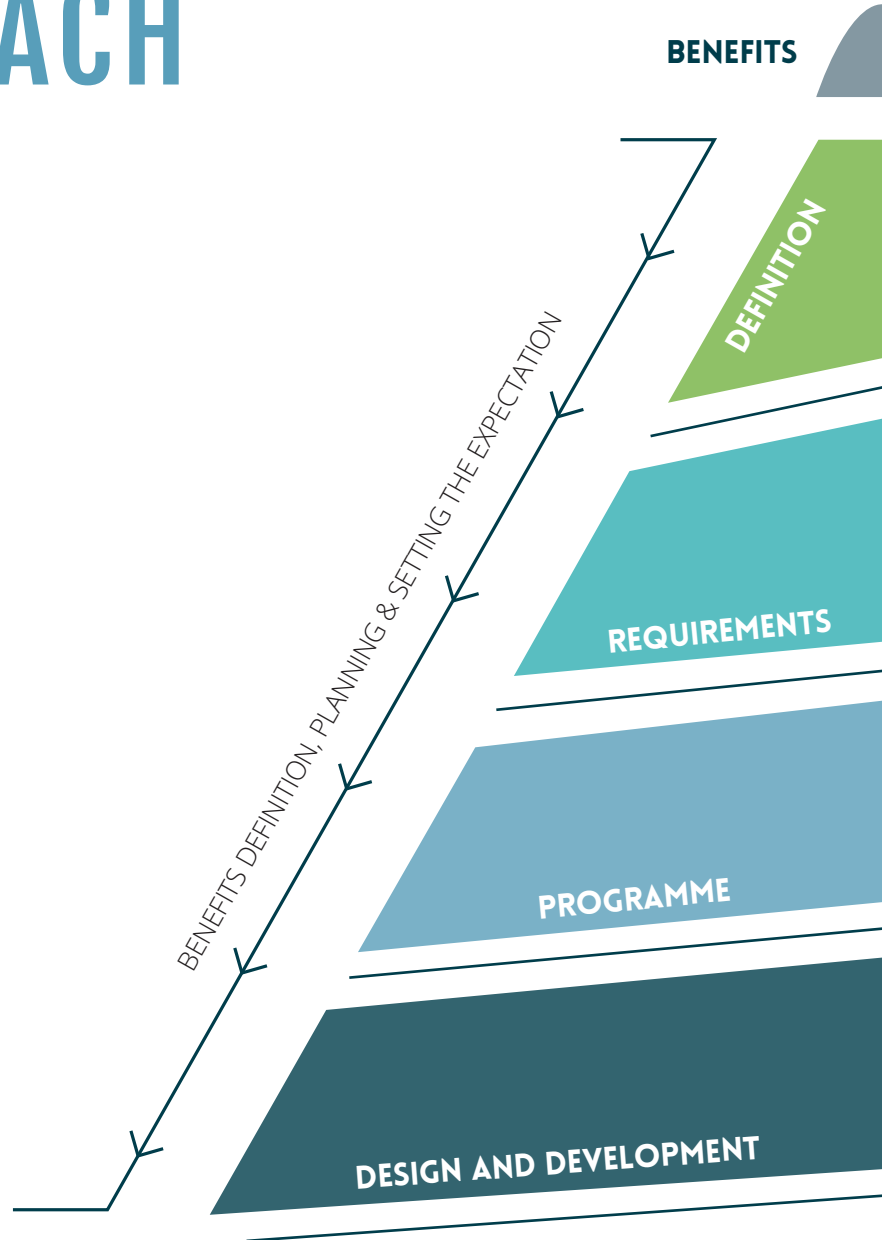
SYSTRA's unique, benefits-led approach is an integral part of our delivery model. By blending systems thinking with digital design and innovation, SYSTRA drives supply chain performance while delivering user-centric solutions.



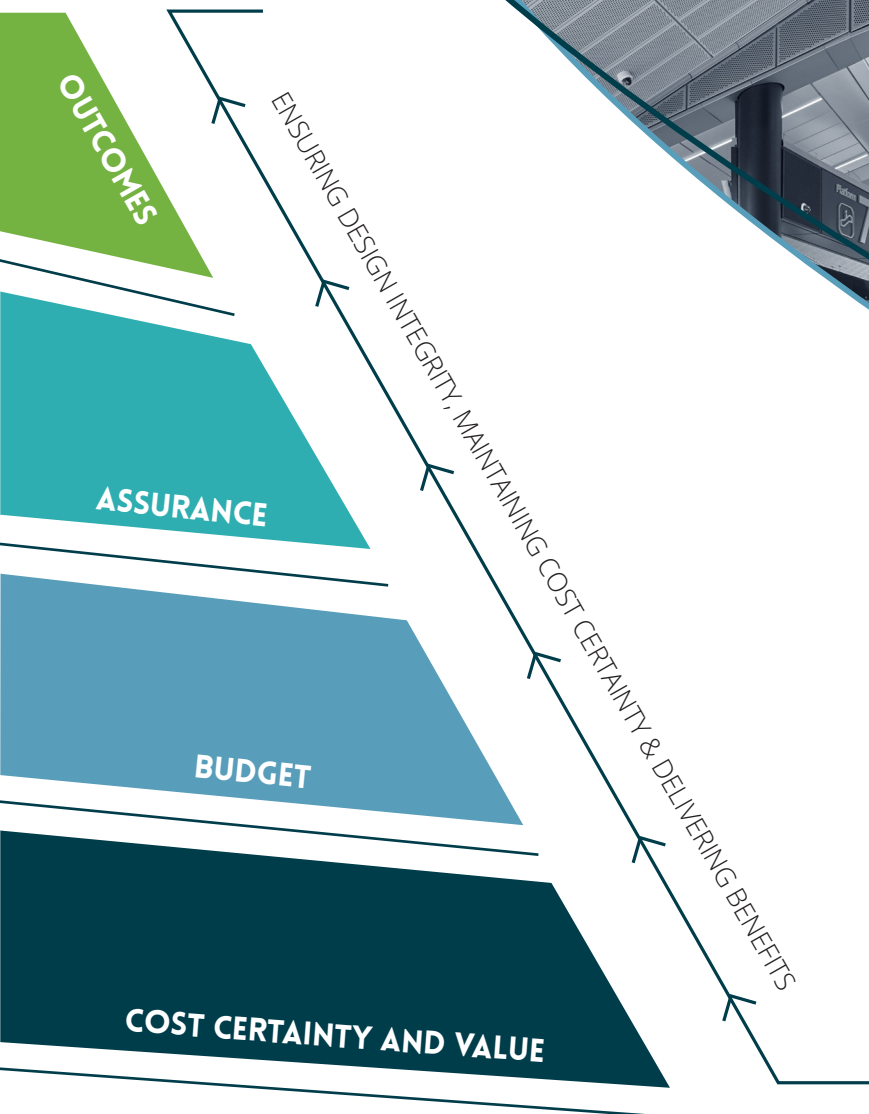
Sustainable, secure and safe solutions are built-in to all our designs.



On-time and on-budget delivery is at the centre of everything we do.



## BENEFITS



Working in collaboration and ensuring stakeholder inclusivity.



Digital design and construction, enhanced with automation and AI.

# TRANSPORT EXPERTISE

SYSTRA is the premier choice for transport design, engineering, project management and controls, and operations services. For airports, our integrated team manages and develops all assets, including ground transportation, urban realm and supporting infrastructure.

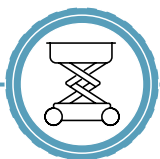
We also have specialists in environmental studies, and continue to develop innovative ways to reduce the carbon footprint of major infrastructure.

Our capabilities cover the entire project and operational lifecycle, and we bring in expertise from our teams around the world to deliver value and efficiency for our clients.



## BENEFITS REALISATION





## OPERATIONS

- » Process optimisation
- » Operational Readiness, Activation, and Transition (ORAT)
- » Training Needs Analysis (TNA)



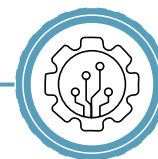
## PROJECT & CONTROLS

- » Project & programme management
- » Construction support & supervision
- » Interface management
- » Digital design & Building Information Modelling (BIM)
- » Risk management
- » Cost control



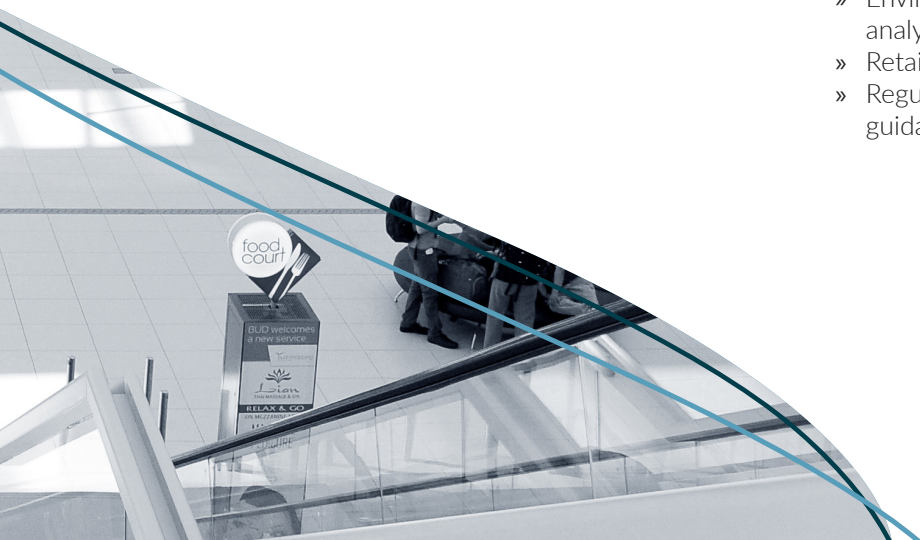
## CONSULTANCY

- » Active travel design
- » Master planning
- » Pedestrian flows
- » Demand forecasting
- » Economic & financial assessments
- » Integrated transport systems
- » Airport & airline strategy
- » Airport terminal & facility planning
- » Social & market research
- » Environmental impact analysis
- » Retail strategy
- » Regulatory & policy guidance



## ENGINEERING

- » Design & engineering management
- » Systems engineering & integration
- » Baggage systems
- » Physical & cyber security
- » Human factors
- » Bridges
- » Tunnels
- » Civil engineering
- » Highways
- » Building structures
- » Architecture
- » Site services & access
- » Mechanical, electrical & plumbing
- » Comms & control
- » Testing & assurance
- » Operation & maintenance
- » Environmental services
- » Planning & consents



# OUR DELIVERY VALUES

At SYSTRA, we're committed to providing solutions and services with long-term benefits. We deliver innovative and sustainable solutions that provide tangible results for our clients and communities.

We invest in our people, fostering a culture of collaboration, inclusivity and professional growth. Above all, safety is at the heart of everything we do — we maintain the highest standards to protect our teams, stakeholders and the environments in which we work.

## VALUE



### OPTIMISING OUTCOMES VS BUDGET

Thinking functional outcomes and challenging the requirements such to better meet the defined cost.

## BENEFITS



### OPERATIONAL BENEFITS

Focusing on early benefit realisation and maximising the return on investment.

## OPERATIONS



### BUSINESS CONTINUITY

Staging strategies and construction operations at the heart of our programme thinking, awareness of the need for operational continuity.

## PEOPLE & SAFETY



### COLLABORATION AND ZERO INCIDENTS

Working safely with all stakeholders and the supply chain to form a 'one team' approach, an open culture with shared risk and values.



*At SYSTRA, we solve our client's challenges and design mobility and infrastructure solutions for the future with our multi-disciplinary expertise. Our work creates inspirational places and systems that connect people seamlessly, enhance well-being, stimulate economies, and provide a sustainable legacy for future generations.*

**Nick Salt | CEO**



# WHAT MAKES US UNIQUE

## WHY SYSTRA

### 1 GLOBAL REACH

More than 11,000 employees spread throughout the world create, innovate and challenge together, to deliver transport and infrastructure solutions that are sustainable, efficient and adapted to the world of today and tomorrow.

### 2 MULTIMODAL TRANSPORT

With decades of experience integrating transport modes and interfaces worldwide, we have developed a deep understanding and methodology for integrating complex systems to ensure effective experiences for operators and users.

### 3 OPERATIONS FOCUSED

We don't just design infrastructure - our solutions are grounded in the experience and needs of real-world operations, ensuring minimal disruption, seamless handover, and optimal outcomes.

### 4 SUSTAINABLE SOLUTIONS

We want to preserve the environment and create infrastructure for the future. We support our clients in creating sustainable solutions and are committed to reducing our carbon footprint across all our activities and business operations.

### 5 SYSTEMS THINKING

We apply systems thinking to integrate every element of the airport environment as a living breathing ecosystem. Our holistic approach ensures our design solutions adapt to both current needs and future growth.







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