

## ENGINEERING MADE EASY WITH THE 'ENGINEERING 4 KIDS' AWARENESS PROGRAMME DESIGNED BY SYSTRA

*An interactive game developed by SYSTRA to spark scientific curiosity and encourage engineering careers from an early age.*

Paris, 27 November 2025 – SYSTRA, a global leader in transport and mobility engineering, has designed 'Engineering 4 Kids', a series of educational and interactive games to introduce children to the fundamentals of engineering and inspire careers among the youngest members of society. The game has recently been made available online in a guided web version, accessible to all, developed in partnership with Syntec-Ingénierie, and accessible to all at this link: [Ingé'Box - vraiment-tout](#).

Every day, SYSTRA engineers passionately design mobility infrastructure. But how can we share this enthusiasm with younger generations and inspire the engineers of tomorrow? This question led to the creation of Engineering 4 Kids, an educational and awareness programme designed by SYSTRA employees for children aged 8 and above. Its aim is to make engineering accessible, tangible and fun.

### A game designed for children

This interactive game, the result of several months of collaborative work by a team of engineers, a digital education expert, an illustrator and volunteer translators, is based on the observation that we all use public transport every day, but that the professions involved in designing it remain little known.

The initiative therefore aims to convey, in a concrete and accessible way, the appeal and impact of engineering on the world around them. For example, children learn about the different stages of an infrastructure project, decarbonisation through power supply and the digitalisation of networks.

Through real-world scenarios, puzzles and characters that young audiences can relate to, Engineering 4 Kids allows children to step into the shoes of an engineer and discover the key stages of a project: designing, building, securing and operating infrastructure.

Engineering 4 Kids was born out of SYSTRA employees' desire to share their passion and expertise, whether with families or in the classroom, working closely with teachers. This exchange, lasting around 1.5 hours, encourages children's curiosity.

“Children ask questions with a freshness and curiosity that remind us why we chose to become engineers. Through their eyes, we rediscover our profession. These moments give us incredible energy and the certainty that we can pass on much more than technical knowledge: a passion for transforming the world in a sustainable way,” says William Blondel, Systems Manager and the project’s inventor at SYSTRA.

### **Already three versions, six languages and a web version**

Engineering 4 Kids is available in three games: the first game focuses on infrastructure, the second on transport systems and the third on transport planning.

Available in six languages (French, English, Spanish, Polish, Portuguese and Arabic), it has already been rolled out in 31 countries, including the United States, the United Kingdom, France, Brazil, India and Rwanda. More than 4,000 children have been educated during sessions organised in their schools, thanks to the commitment of more than 700 SYSTRA volunteers.

Given the success of the initiative carried out in person by employees, SYSTRA and Syntec-Ingénierie have decided to extend it for independent use, enabling wider dissemination of information.

Engineering 4 Kids has therefore reached a new milestone with the launch of a digital version of its infrastructure games (ages 8+) and transport system games (ages 10+), developed in partnership with Syntec-Ingénierie and accessible to all at this link: [Ingé'Box - vraiment-tout](#).

### **About SYSTRA**

SYSTRA is one of the world's leading engineering and consultancy groups specialising in public transport and mobility solutions. For more than 65 years, the Group has been committed to supporting cities and regions to contribute to their development by creating, improving and modernising their transport infrastructure. By making travel smoother, SYSTRA brings communities together, promotes social integration, and facilitates access to employment, education and leisure.

SYSTRA supports its partners and clients throughout the lifecycle of their projects, from the earliest stage of the design phase, right through to the deployment and maintenance testing. With its 12,000 employees, SYSTRA delivers its services in more than 80 countries worldwide and generates 80% of its revenue internationally.

[systra.com](https://www.systra.com)

#### **Press contact:**

**Agence LA VILLA Maison de Communication**

Esther Lemblé

Tel: +33 (0)6 23 49 63 61

E-mail: [elemble@lavillagroupe.com](mailto:elemble@lavillagroupe.com)