

# Press News

Luxembourg, 20 January 2026

## Luxembourg opens first Mobile Newton Room to inspire future STEM and aviation talent

***Minister for Mobility and Public Works inaugurates mobile STEM classroom in partnership with Boeing, Luxembourg Tech School, Luxair, and First Scandinavia.***

Luxembourg today officially opened its first **Mobile Newton Room**, a mobile, hands-on STEM classroom designed to inspire young people to explore science, technology, engineering and mathematics through a realistic aviation scenario.

The opening ceremony took place in the presence of **Yuriko Backes**, Minister for Mobility and Public Works, alongside representatives from **Luxembourg Tech School, First Scandinavia, Boeing**, and **Luxair**.

Installed directly in front of the **International School of Luxembourg**, on the Geesseknäppchen campus, the Mobile Newton Room consists of two expandable containers that transform into a **70 m<sup>2</sup> high-quality classroom** equipped with state-of-the-art flight simulator stations. Over the coming weeks, the facility will welcome classes from schools across Luxembourg for a dedicated STEM learning experience.

### **A five-hour mission "Up in the Air with Numbers"**

During their visit, students aged around **13 to 16** take part in a **five-hour module** entitled **"Up in the Air with Numbers"**. Working in small teams, they are asked to:

- calculate a **flight plan for a rescue mission**, and
- then **execute this flight** using advanced simulator panels inspired by real aircraft cockpits.

In doing so, they discover how mathematics and physics are applied in real-life aviation situations, turning abstract school subjects into concrete and engaging problem-solving tasks.

The Mobile Newton Room in Luxembourg is **operational from 19 January to 13 February 2026**, with one module session per day for groups of 18-20 students. Around 20 classes are expected to participate during this period, meaning that approximately 400 students will benefit from the programme. The offer is open to schools from across the Luxembourg education system.

### **Public-private partnership for future skills**

The Newton Room concept is part of **Boeing's global engagement in education and STEM**, within its broader ESG and corporate citizenship activities, and has been developed by implementation partner **First Scandinavia**. In Luxembourg, the project is implemented in partnership with **Luxembourg Tech School**, which acts as the key local educational operator, and **Luxair**, the national carrier, as supporting partner.

Luxembourg Tech School coordinates the participation of schools and runs the educational activities on site. Its teaching team and local instructors have been trained by experienced trainers from First Scandinavia to deliver the "Up in the Air with Numbers" module. The programme is offered free of charge to participating classes.

For Boeing and Luxair, the Mobile Newton Room forms part of a broader commitment to **investing in future skills, quality education and equal opportunities for young people**, complementing their long-standing industrial partnership in commercial aviation. Luxair is currently embarking on a long-term fleet renewal programme that includes **new Boeing 737 aircraft**.

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## **Quotes**

### **Yuriko Backes, Minister for Mobility and Public Works:**

"Through this high-quality and renowned educational initiative engaging approximately 400 students across 20 classes, the project offers hands-on experiences and team challenges within a real-life aviation context. This approach not only inspires curiosity but also helps students discover new interests, potentially paving the way for careers in aviation, engineering, or technology. I support this initiative as Luxembourg is committed to remaining well-connected, innovative, and sustainable in the fields of aviation and transport. A key pillar of our ambition is investing in young people and strengthening STEM skills, ensuring the future competitiveness and resilience of our national aviation ecosystem."

**Claude Meisch, Minister of Education, Children and Youth:**

"The Newton Mobile Room is far more than a set of containers: it is a learning experience. A space where curiosity, problem-solving, and teamwork come together, and where abstract concepts of mathematics and science become concrete, meaningful tools for understanding the world. This project highlights the importance of offering motivating learning experiences based on real-life situations, and builds strong bridges between schools, research and the professional world. Above all, it empowers young people to become capable, curious and engaged learners, who recognize that what they study today can help to shape the world of tomorrow."

**Sergio Coronado, Founder of Luxembourg Tech School:**

"Inspiring students to experiment is a key first step in helping them develop their own skills and technology projects. This mentoring approach, used by our educators in schools across Luxembourg, is also reflected in the Mobile Newton Room, where our coaches guide students through a realistic rescue mission set in an aviation context, helping them connect scientific, math and technology concepts with practical application."

**Per-Arild Konradsen, Founder and CEO of FIRST Scandinavia:**

"At Newton, we are not simply responding to change in education – we are helping to shape it. The Newton network is a powerful driver of future learning, sparking curiosity and building knowledge across communities. Every student matter to us, and every Newton experience makes a real difference. We are therefore very proud to offer students in Luxembourg this experience for the very first time with our Mobile Newton Room. We have been truly inspired by the enthusiasm, expertise and collaborative spirit of everyone involved in this project, and we would like to extend our sincere thanks to our partner through many years, Boeing, and to International School of Luxembourg, Luxembourg Tech School, and Luxair for making this possible."

**Dr. Michael Haidinger, President – Boeing Germany, Central & Eastern Europe:**

"At Boeing, we are delighted to bring the Newton Room for the first time to Luxembourg, empowered by the dedicated support of our customers, by policy-makers and local education partners. Designed to encourage the next generation of European STEM talent, the Newton room reflects Boeing's continued investment in Europe's talent and innovation."

**Gilles Feith, CEO of Luxair:**

"As Luxembourg's national airline, we rely on highly skilled people – on the ground and in the air. Supporting the Mobile Newton Room is part of our commitment to investing in future talent and to giving young people in Luxembourg a tangible experience of what aviation and technology can offer. We are proud to extend our long-standing partnership with Boeing in a way that directly benefits students and teachers."

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## About Section

### Newton concept and FIRST Scandinavia

The Newton Concept is developed and administered by the non-profit foundation FIRST Scandinavia from Norway, in collaboration with teachers, academic institutions, and industry partners. A Newton Room is a well-equipped, inspiring STEM classroom focused on delivering high-quality education. Its purpose is to give as many children as possible a positive experience and a sense of mastery in science subjects. The teaching is varied and emphasises practical, hands-on activities. A total of 53 Newton Rooms has been established internationally, 34 of which are in Norway. The educational concept has reached over 510,938 students over the years. Through the Global STEM Partnership with Boeing, the concept has been introduced in 13 countries including Spain, France, Poland, the Netherlands, Germany, and England.

### Boeing

A leading global aerospace company and top U.S. exporter, Boeing develops, manufactures and services commercial airplanes, defense products and space systems for customers in more than 150 countries. Our U.S. and global workforce and supplier base drive innovation, economic opportunity, sustainability and community impact. Boeing is committed to fostering a culture based on our core values of safety, quality and integrity. For more information, please visit the Boeing [website](#).

### Luxembourg Tech School

Founded in 2016, Luxembourg Tech School (LTS) a.s.b.l. is a non-profit organisation providing hands-on technology education for students aged 12 to 19 in Luxembourg. Through extra-curricular, project-based programmes, students develop their own technology projects with guidance from educators, with no prior experience required. LTS also runs adapted programmes for children with special educational needs in several specialised centres across Luxembourg.

### Luxair

Founded in 1961, Luxair is a key player in the economy of Luxembourg and the Greater Region. Recognised for its passenger air transport services, Luxair offers convenient and reliable connections to over 90 destinations across Europe and beyond, transporting more than 2.6 million passengers in 2024. The airline prides itself upon providing maximum flexibility to its business

clients and quality travel to its leisure customers. Looking ahead, Luxair is integrating sustainable, new-generation aircraft into its fleet starting in 2026, focusing on reducing emissions, improving operational efficiency, and enhancing the passenger experience.

Luxair is committed to a unique social model, offering competitive pricing, high service standards, and attractive working conditions. By fostering a responsible and sustainable business environment, Luxair remains a strong regional leader, deeply embedded in its community.

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## Photos

Photos from the opening ceremony and the Mobile Newton Room Luxembourg are available for download via [\[MOBILE NEWTON ROOM LUXEMBOURG\]](#).