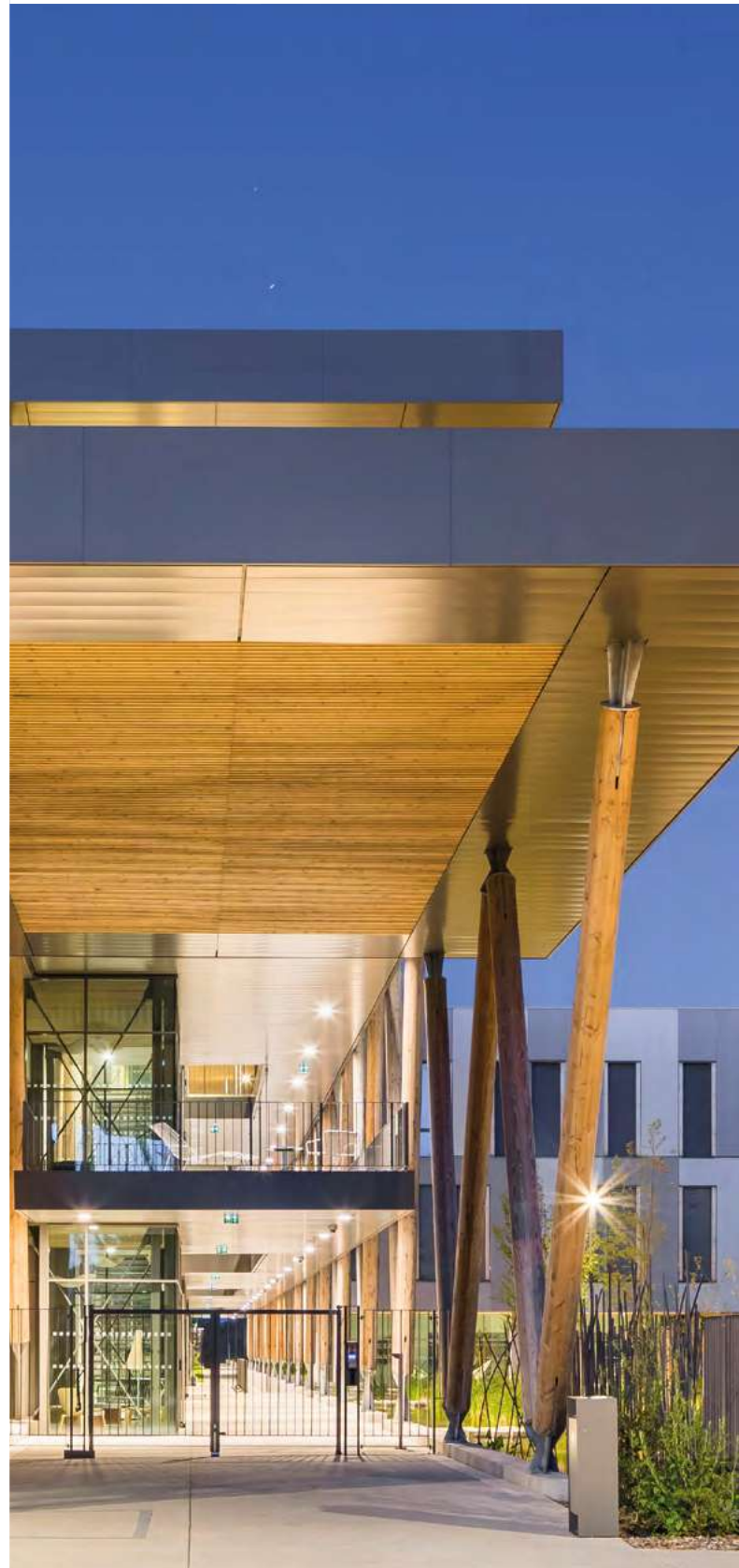




Le réseau
de transport
d'électricité

Campus Transfo

Where
**the future
of electricity
transmission
takes shape**



RTE, a key player in the energy transition

At RTE, we ensure the continuity and security of electricity supply across France. True to our public service mission, innovation is central to everything we do in order to prepare the power system of tomorrow. By continuously adapting our grid to changes in the energy system and supporting public decision-making, we collectively contribute to building a safer, more efficient and more sustainable electricity model.



Welcome to Campus Transfo. Welcome to collective intelligence.



Campus Transfo is Europe's largest centre dedicated to training, innovation and expertise in electricity transmission.

Shaped around the major challenges of the energy transition, it actively supports the transformation of the power grid.

This transformation is based on two strategic challenges:

- The technological challenge: designing and deploying, being in close collaboration with our partners, creating innovative solutions that enhance existing infrastructure, integrating renewable energy and modernising the grid using digital technology.*
- The human challenge: developing and passing on critical skills needed to operate, maintain and evolve this unique industrial tool. By combining long-standing expertise with mastery of tomorrow's technologies, we enable the grid to transform and meet the needs of a decarbonised world.*

Campus Transfo is a unique place where electrical and digital networks come together – the foundations of a more resilient and sustainable energy system.

It is a space for experimentation and innovation, bringing together experts, trainers and public and private partners, in France and around the world.

It also acts as a training hub for the entire sector, helping to strengthen the attractiveness of energy network careers to schools and industry players.

Benoît Coze,
Director of Campus Transfo, RTE



Campus Transfo

NEARLY
10,000
PEOPLE TRAINED
EVERY YEAR

36
TECHNOLOGICAL
AND ACADEMIC
PARTNERS IN FRANCE
AND INTERNATIONALLY
IN 2025



The future of electricity transmission is invented here

At Campus Transfo, we bring collaborative innovation to life. Engineers, researchers, technicians, trainers and partners come together to imagine, test and develop the solutions that will enable the power system to meet tomorrow's challenges: increasing integration of renewable energies, new electrical uses and the decarbonisation of our lifestyles.



RTE's direct current expertise centre (HVDC)

Essential for grid interconnections and renewable energy connections, high-voltage direct current (HVDC) lies at the heart of the energy transition. At Campus Transfo, we operate dedicated **platforms and full-scale replicas of HVDC links** to test equipment under real conditions, **develop interoperability between systems designed by our French and international partners**, and optimise their operation.

Working towards a digital and intelligent grid

Campus Transfo is driving innovation in **the field of control and command systems** – the true nervous system of the power grid. As digitalisation accelerates, a new milestone is emerging: virtualisation. Through **equipment modelling and the development of a digital twin of the grid**, our experts can analyse system operation behaviour in real time, manage operation control remotely and anticipate infrastructure maintenance. These innovations **enhance grid flexibility and resilience**, therefore addressing key strategic challenges of sovereignty.

Innovating together, accelerating together

As tomorrow's solutions are built collectively, the Campus promotes **cooperation between RTE experts, manufacturers, laboratories, schools and local stakeholders**, both in France and internationally. These collaborations take shape through shared demonstrators, joint research programmes, expert communities, meetings and seminars.

Le FabStudio: turning ideas into reality

As an experimental workshop, FabStudio speeds up the process from idea to prototype and supports projects until they are implemented. **Our teams and partners test, refine and bring practical solutions to life to meet operational needs**: ranging from technical tools and professional practices to training devices and innovations that improve safety and efficiency. The FabStudio promotes **creativity, cross-functional collaboration and cooperation** – essential values required for the collective success of RTE and its partners.



Sharing knowledge, developing talent

At the heart of Campus Transfo, the RTE Academy embodies the alliance between training and innovation. Every year, we train thousands of employees and students in electricity transmission professions. As a true learning ecosystem, the Campus supports skills development and helps prepare the electricity sector for the challenges of the energy transition.



A unique training environment

Campus Transfo offers ideal conditions to learn, develop skills and contribute to the growth of the electricity networks sector. All professions are represented, including technical roles, support functions and management pathways.

Learners evolve in an environment closely connected to real-life operational scenarios, with real-time simulators for grid operation, training lines and substations for hands-on practice, as well as low-voltage and digital platforms to understand complex systems.

Proximity to experts and operational infrastructure enables effective understanding of technological developments and new ways of working.

Degree programmes developed with academic partners

Based in the Lyon region and at the heart of the energy sector, Campus Transfo relies on a strong network of academic and technological partners to anticipate future skills requirements. It offers several degree programs (BTS, BUT, Bachelor's, Master's), including the recently launched Master's in Sustainable Electrical Networks Engineering (IRED), co-designed with IUT Lyon and Nexans, to train the talents who will shape tomorrow's smart power grids.

A showcase of our commitments

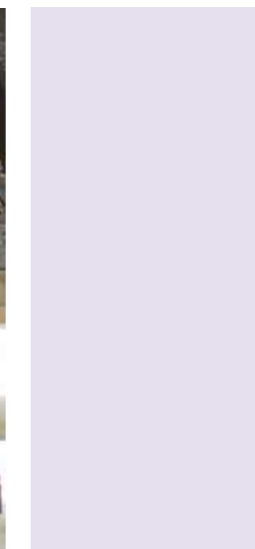
Campus Transfo embodies RTE's commitment to supporting everyone throughout their professional journeys. A place for onboarding, skills development and experience sharing, it encourages integration, skill development and sharing of experiences in a modern, collaborative and meaningful learning environment. Our ambitions: prepare for the jobs of the future, strengthen expertise and build sustainable careers which support of the energy transition.



750
TRAINING PLACES
DEDICATED TO TRAINING
EXTERNAL PARTICIPANTS
(VIA OUR SUBSIDIARY
CIRTEUS)

80
TRAINERS

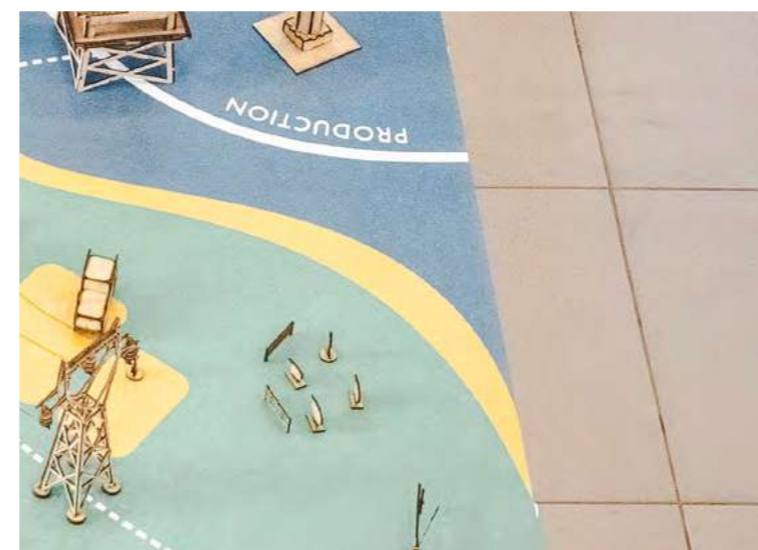
6
TRAINING PROGRAMMES,
INCLUDING 4 CERTIFIED
PATHWAYS (MORE DETAILS
IN THE ACADEMY'S
BROCHURE)





Uniting to build a decarbonised world

Campus Transfo is a true symbol of French expertise in the field of electricity transmission. Leveraging our experience know-how and infrastructure, we act as a catalyst for cooperation between RTE, its subsidiaries, manufacturers, universities and foreign grid operators.



Expertise recognised beyond borders

Supported by the permanent presence of RTE International teams, the Campus develops and leads European and global collaborations.

Our trainers provide courses to international grid operators on network maintenance, live-line work, system operation, power electronics (HVDC) and control-command systems. Our experts also support sector stakeholders in the design and operation of HVDC links.

In the future, our expertise control-command systems will enable us to deploy innovative solutions to aide grid operators manage their installations with greater flexibility.

A hub for international cooperation

Campus Transfo hosts and coordinates international technological projects led by the European Union, foundations and research laboratories. We take part in collaborative research programmes and expert communities focused on standardisation and the definition of shared technical standards.

As a meeting point for research, innovation and training, Campus Transfo contributes to the industry's influence and the construction of an interoperable, safer, smarter and more sustainable power grid, capable of massively integrating renewable energies.



Experiencing the energy transition

Open to all – employees, partners, students and the general public – Campus Transfo is a place for discovery and exchange. Here, we showcase, explain and experience the challenges of electricity transmission, whilst demonstrating RTE's every day actions which drive the energy transition. It is a space to learn, to share and to engage.



Making grid challenges accessible

Thanks to our models, demonstrators and educational platforms, we play a vital role in **raising awareness and sharing knowledge** about the power system. Visitors gain a concrete understanding of how the grid works and the challenges of decarbonisation. **The Trans'Odyssee exhibition** retraces the history of electricity transmission and makes accessible the technical, human and environmental challenges we face daily.



Growing through cooperation

Throughout the year, Campus Transfo hosts **technical meetings, educational workshops and partner events** bringing together experts, students, manufacturers and local authorities. Our technological and academic projects are developed alongside **our partners**; this cooperation fuels our thinking and continuously improves our solutions, encouraging innovation and collective learning.

A fulfilling environment

A true place to live and work, Campus Transfo supports **RTE's growth** by welcoming new teams and activities in a modern and sustainable environment.

Its **eco-designed, modular spaces and convivial areas**, within a high-quality landscaped environment, encourage cooperation and creativity.

Campus Transfo embodies **values of listening, sharing and collective commitment**, prioritizing the **human dimension of the energy transition**.



6,000

PARTNERS, PROFESSIONALS AND STUDENTS WELCOMED EACH YEAR

190

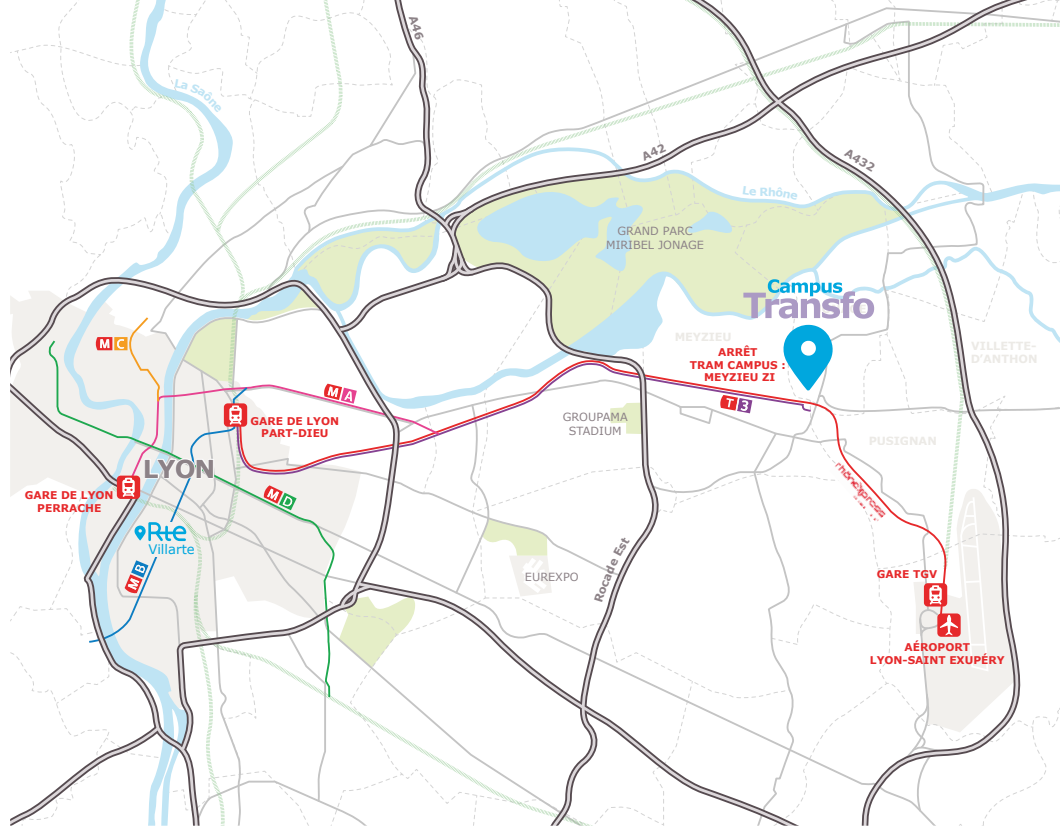
EVENTS HOSTED ANNUALLY

30,000 M²

OF ECO-DESIGNED SPACES IN A NATURAL, LANDSCAPED SETTING



Lyon



Discover Campus Transfo



Through guided
activities/tours



Online

Organise an event at Campus Transfo

Contact our hospitality manager,
Margaux Todarello



rte-transfo-demandes-visites@rte-france.com



06 16 90 39 21

Our main partners



Le réseau
de transport
d'électricité

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