

HIGH-OUTPUT CATENARY RENEWAL TRAINS



AN INNOVATIVE SOLUTION

We are pleased to welcome you to a one-of-a-kind presentation on rapid overhead contact line renewal systems, taking place on **5 November 2024** at the International Union of Railways (IUC). This event marks a milestone for the entire railway industry, offering a platform to explore and exchange views on this groundbreaking method, conceived, developed, and successfully completed in France.

The programme will showcase the exceptional collaboration that brought together major stakeholders in the field. Key contributions come from:

- ▶ SNCF Réseau, the infrastructure manager of the French railway network.
- ▶ Novium and Geismar, two manufacturers at the forefront of innovation.
- ▶ Colas Rail and TSO Caténaires, leaders in railway construction.

This conference presents an opportunity to learn more about this pioneering approach and the partnership behind its success.

It's a free event, and registration can be done here: <https://urlz.fr/saki>.

International Union of Railways (IUC)
16, rue Jean Rey, 75 015 Paris, France

For further information please contact
hassoun@uic.org.



Organisers



Media Partners



PROGRAMME



9:00 AM: Welcome coffee

9:30 AM - 10:30 AM: The Industrialization of Regeneration

Welcome address : François Davenne, Director General, UIC

During this inaugural roundtable, high-level discussions will take place to address the issues related to the industrialization of this re-generation of overhead lines and what can be expected from it. It will kick off the day of discussions.

Matthieu Chabanel, CEO, SNCF Réseau

Patrick Jeantet, President, Rail Industries Federation (FIF)

Romuald Hugues, President, TSO

Hervé le Joliff, President, Colas Rail

Jean-François Milleron, Managing Director France & Europe, Colas Rail

Didier Stainmesse, President, Novium

Nicolas Yatzimirsky, President, Geismar

10:30 AM - 11:00 AM: Coffee Break

11:00 AM - 11:45 AM: The Genesis

In this part of the program, two presentations will be given on the origins and context that led a group of stakeholders to come together to tackle this crucial challenge for the railways.

Philippe Berthier, Head of Electric Traction Department, SNCF Réseau

Pierre Daburon, Industrial Director of Regeneration Projects, SNCF Réseau

Q&A

11:45 AM - 12:30 PM: The Client's Perspective: Why It Works

In this presentation, the key success factors of this innovative solution will be highlighted.

Pierre Daburon, Industrial Director of Regeneration Projects, SNCF Réseau

Francesca Aceto, Regional Director, Centre Val de Loire, SNCF Réseau

Maxime Chatard, Regional Director, Bourgogne Franche Comté, SNCF Réseau

12:30 PM - 2:00 PM: Lunch Break

2:00 PM - 3:00 PM: The Technique: How It Works

This section will allow for a detailed exploration of the mechanisms behind this solution.

Yves Taridec, Technical Director, Colas Rail

Philippe Paillet, President, TSO Catenaires

David Chatelet, Director, Novium

Yann Mangold, Catenary equipment technical manager, Geismar

3:00 PM - 3:30 PM: Coffee Break

3:30 PM - 4:30 PM: Future Perspectives

Before concluding the conference, the speakers will share the next steps and explore the possibility of potentially internationalizing this solution, which was developed and implemented as a world first in France.

Pierre Daburon, Industrial Director of Regeneration Projects, SNCF Réseau

Yves Taridec, Technical Director, Colas Rail

Philippe Paillet, President, TSO Catenaires

David Chatelet, Director, Novium

Yann Mangold, Catenary equipment technical manager, Geismar

4:30 PM - 5:00 PM: Closing Remarks

Speakers



Matthieu Chabanel
CEO of SNCF RESEAU

Matthieu Chabanel, a graduate of École Polytechnique and École Nationale des Ponts et Chaussées, started his career in water resource management. He later held key positions at the Ministry of Transport and Réseau Ferré de France, becoming CEO of SNCF RESEAU in October 2022.



Patrick Jeantet
President of the Railway Industry Federation

Patrick Jeantet, currently a Senior Advisor with Infrastructure Partners and SPIE board member, became President of the Railway Industry Federation in 2024. With a background in Bouygues, Vinci, and leadership roles at SNCF and Keolis, he champions industry innovation and competitiveness.



Romald Hugues
President of TSO

Since January 1, 2024, Romald Hugues has been President of TSO, a railway works subsidiary of NGE, France's fourth-largest construction group. A member of NGE's executive committee, he oversees a team of 4,000 employees worldwide, focusing on expanding TSO's global reach and operational excellence.



Hervé Le Joliff
Chairman of COLAS RAIL

Graduated with master's degrees in Engineering, Finance, and Accounting, Hervé Le Joliff began his career at COLAS RAIL in 1997, advancing through roles in international projects in Brazil and Venezuela. Appointed CEO in January 2020, he became Chairman in 2022, reinforcing COLAS RAIL's global footprint and innovation in rail systems.



Jean-François Milleron
Deputy Managing Director, France & Europe at COLAS RAIL

An engineer from ESTP, Jean-François Milleron started in road construction at COLAS before managing Genier-Deforme, a COLAS subsidiary in deconstruction and asbestos removal, from 2004. He joined COLAS RAIL in 2014, expanding rail operations across Europe and driving growth. In 2020, he led the French General Management, assuming responsibility for Europe as well in 2024.



Didier Stainmesse
President of NOVIUM and Option Automatismes

Didier Stainmesse began in 1982 at PPM, progressing from Test Technician to Prototype Testing Manager. He joined Bourgogne Hydro in 1992, then co-founded Hydro3M (now NOVIUM) in 2005 as CEO. He established the MECATEAM cluster in 2011 and SAS Factovem in 2019, where he leads NOVIUM and Option Automatismes, fostering innovation in industrial automation.



Nicolas Yatzimirsky
President of GEISMAR

President of GEISMAR since March 27, 2024, Nicolas Yatzimirsky holds degrees from Polytechnique, ENSTA, and Sciences Po Paris. With 20 years of experience in managing industrial companies, he specializes in global production and technical solutions for rail. Under his leadership, GEISMAR aims to enhance its global presence and develop innovative railway solutions, reinforcing its industry leadership.



Philippe Berthier
Head of Electrical Traction, SNCF RESEAU

A Doctor of Engineering from Marseille and Montpellier universities, Philippe Berthier started in telecom and defense industries. At SNCF since 2007, he led networks and optimization within the Innovation Directorate. Since 2014, he's worked in SNCF RESEAU's Electrical Traction Department, becoming Head of Department in 2022, leading on energy efficiency and technological advances.



Pierre Daburon
Director of Regeneration Projects, SNCF RESEAU

An Arts et Métiers engineer, Pierre Daburon has built his career within SNCF RESEAU, holding roles in operations, maintenance, and engineering. After directing safety, security, and risk management functions, he now leads Regeneration Projects, focusing on network resilience and operational safety for SNCF RESEAU's infrastructure.



Francesca Aceto
Territorial Director, SNCF RESEAU Centre-Val de Loire

A Political Science graduate, Francesca Aceto joined SNCF in 1998, holding roles in customer relations and international development. As Marketing Director for TGV France-Italy, she led a major partnership for the 2015 Milan Expo. Since 2020, she oversees network development and stakeholder relations for Centre-Val de Loire.



Maxime Chatard
Regional Director, SNCF RESEAU
Bourgogne-Franche-Comté

Maxime Chatard began his career in 1994 at APRR, managing toll network maintenance. He later joined Lyon Metropolis in project management, then served in advisory roles. Joining SNCF in 2019, he held regional and strategic advisory positions before becoming Regional Director for Bourgogne-Franche-Comté in 2023, focusing on regional connectivity.



Yves Taridec
Regional Director, Energy, COLAS RAIL
France

With 30 years of experience in the rail sector, both in France and abroad, Yves Taridec serves as the Regional Director for Energy at COLAS RAIL France.



Pascal Afonso
Project Director, COLAS RAIL and TSO

After 14 years in road management at COLAS, Pascal Afonso joined Colas Rail in 2014, leading track agencies before becoming Project Director for the Rapid Catenary Suite. He now drives electrification and track projects with the COLAS RAIL and TSO consortium.



Philippe Paillet
President of TSO CATENAIRES

For over 10 years, Philippe Paillet has led TSO CATENAIRES, an NGE/TSO subsidiary specializing in rail electrification. Under his leadership, the company has grown to over 650 employees, strengthening its position as a leader in French and international rail electrification markets.



Yassine Benjelloun
Operations Director, TSO CATENAIRES

Since 2018, Yassine Benjelloun has led the rapid catenary suite projects at TSO CATENAIRES, a major player in rail electrification in France and internationally, overseeing a team of over 650 employees.



David Chatelet
Director, NOVIUM

David Chatelet started in 1994 at Ecomeca as a design engineer, later becoming head of specialized rail equipment. He joined NOVIUM in 2005, moving up to technical management and, in 2019, was appointed Director, leading development in specialized rail work equipment.



Yann Mangold
Technical Director, GEISMAR

After 20 years in naval aviation, Yann Mangold joined COLAS RAIL, working on major projects such as electrification on the LGV Paris-Sud-Est. In 2014, he helped define SRC methods at the Major Catenary Works Agency. He joined GEISMAR in 2019 to lead the development of next-generation catenary machines.