

## VIVA TECHNOLOGY 2021

# Save the date: RATP Group looks forward to meeting you from 16 to 19 June

Thursday 20 May 2021

#VivaTechonology #RATPLovesStartUp #InnovationbyRATPGroup

RATP Group is taking part in the 5<sup>th</sup> edition of Viva Technology, from 16 to 19 June 2021. The Group is inviting 27 start-ups to this hybrid version of the event, in person on its stand and virtually in its e-LAB. This unmissable event provides an opportunity to discover RATP Group innovations that are helping to shape smart and sustainable cities.

### Innovating for the cities of tomorrow

RATP Group dedicates every day to better city living. To this end, we offer efficient and innovative services in France and throughout the world, facilitating the daily lives of passengers on our networks, developing our industrial excellence, inventing and preparing for the city of tomorrow. And for the Group, tomorrow is today. Viva Technology will thus provide an opportunity to promote innovations developed by RATP Group in collaboration with its partnering start-ups, offering concrete solutions to build smart and sustainable cities.

The Group will be presenting its approach to innovation around 4 key topics, one on each day:

- **The sustainable and inclusive city**
- **Autonomous and shared mobility**
- **Industry 4.0**
- **Augmented travel**

### Preview of our innovations

Many innovations and demonstrations will be on display on the RATP Group stand and e-LAB from 16 June. Here is a preview of three of them.

#### **A connected ring**



RATP Group is experimenting as a pilot partner for the connected ring from start-up ICARE Technologies. Named Aeklys by Starck and designed by Philippe Starck, this ring features NFC technology. The principle is simple: with the ring on their finger, passengers or employees can just walk past the validation terminals to join the network they are authorised to access. Using technology developed by Calypso Network Association, this connected ring provides the highest level of security and personal data protection.

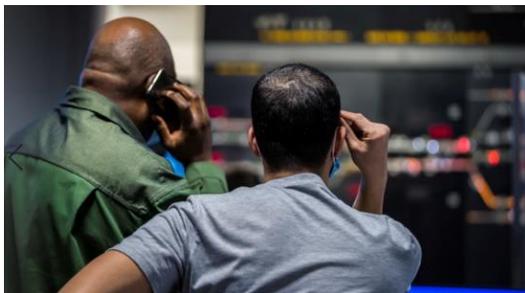
## Exoskeletons to help maintenance staff



RATP maintenance staff at the Porte des Lilas bus depot are now working with exoskeletons. This innovation is also being trialled by maintenance staff on RER line A and is a great help to operators in carrying out their work. Slipped over the shoulders like a bionic vest, the exoskeleton increases the wearer's physical capacities and reduces strain on the shoulders.

This innovation, developed in collaboration with the occupational health department, improves employees' working conditions and provides them with significant help in performing their tasks.

## STREMIA, artificial intelligence to facilitate rail traffic control



The STREMIA project (rolling stock garaging strategy using artificial intelligence) is a decision support tool. It was developed by RATP and the start-up Fieldbox.ai and uses artificial intelligence algorithms to help the work of the operations teams in charge of traffic control.

The goal is to simplify the daily work of controllers and dispatchers by using real-time analysis of collected data to facilitate their decision-making.

Since September 2020, STREMIA has been undergoing tests in the operations room at the Unified Control Centre (CCU) of RER line B. This predictive operations project is a full-scale experiment and one of the first structuring projects launched under RATP Group's AI programme.

## A physical stand and a digital e-LAB

Located in Hall 1, stand J-14, RATP Group will be welcoming 27 start-ups over the 4 days, either face-to-face or digitally. Covering an area of 200m<sup>2</sup>, the Group stand will include a stage for start-ups and conferences, corners for demonstrations of internal and external innovations, an immersive activity featuring a tram driver's cab simulator, and an area dedicated to artificial intelligence and industry 4.0.



Private and professional visitors will be able to meet the Group's experts, try out innovations for the cities of today and tomorrow, and talk to start-up partners who are contributing to the development of smart cities.

In addition, an e-LAB, accessible from the Viva Technology platform, will make it possible to live the experience remotely, and to access the content until 30 November 2021.

## Notable events

	Wednesday 16 June	Thursday 17 June	Friday 18 June	Saturday 19 June
	The sustainable and inclusive city	Autonomous and shared mobility	Industry 4.0	Augmented travel
STAND	<ul style="list-style-type: none"> <li>→ Catherine Guillouard, Chairwoman and Chief Executive Officer of RATP Group, will take part in the CEO story, face-to-face and digitally. The occasion to inaugurate the stand and review the Group's innovations</li> <li>→ 5 conferences on the sustainable city and new challenges for the Group</li> </ul>	<ul style="list-style-type: none"> <li>→ Launch of new MaaS solutions</li> <li>→ Focus on urban air mobility</li> <li>→ Presentation of the European Start-up Manifesto on Rail</li> <li>→ 6 conferences on MaaS, autonomous mobility, urban air mobility and infrastructure issues</li> </ul>	<ul style="list-style-type: none"> <li>→ Focus on femininity in artificial intelligence</li> <li>→ 6 conferences on artificial intelligence, workshops on the future and new physical assistance technologies</li> </ul>	<ul style="list-style-type: none"> <li>→ Focus on the employer brand and recruitment</li> <li>→ Pitches from partner start-ups</li> </ul>
A dedicated route for the press on the RATP Group stand				
E-LAB	4 Innovation Talks – duration 30 minutes			
12 Innovation Sessions – duration 10 minutes				

## 27 start-ups alongside RATP Group

12 START-UPS FROM THE GROUP ACCELERATOR	15 PARTNER START-UPS
<ul style="list-style-type: none"> <li>- <b>Bioegy</b>, drawing inspiration from nature to devise breakthrough solutions for improved air handling in stations</li> <li>- <b>BulldozAir</b>, simplifying management and monitoring of Group construction sites through the industrialisation of a collaborative management platform</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Ascendance Flight</b>, maker of the hybrid VTOL aircraft ATEA for passenger transport</li> <li>- <b>Foxie</b>, an immersive digital games application for cities, tourist sites, heritage sites and events</li> <li>- <b>Helipass</b>, sales and reservation platform for helicopter flights</li> <li>- <b>ICARE Technologies</b>, a smart payment ring, light, ergonomic and self-contained</li> </ul>

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| <ul style="list-style-type: none"> <li>- <b>Fieldbox.ai</b>, optimising the real-time management of rolling stock to improve service quality and passenger comfort</li> <li>- <b>Géovelo</b>, giving a boost to inter-modal transport with a secured guidance system for cyclists</li> <li>- <b>Isybot</b>, collaborative robots to facilitate manual tasks</li> <li>- <b>Jungle Bus</b>, accurately mapping formal and informal transport networks around the world</li> <li>- <b>M-CADOR</b>, using artificial intelligence to automate visual tasks</li> <li>- <b>Nano-désinfection</b>, nanotechnology surface treatment to provide continuous disinfection, 24 hours a day and 7 days a week, without using chemicals</li> <li>- <b>Team Stories</b>, boosting employee commitment, whatever the distance, using the “stories” format</li> <li>- <b>Uppli</b>, the community for sharing multimodal journeys between passengers with “Jaamme”</li> <li>- <b>Viibe</b>, the collaborative video assistance platform for technical support and maintenance operations</li> <li>- <b>WEDO Tutorials</b>, record your know-how on video and make it instantly available to everyone</li> </ul> | <ul style="list-style-type: none"> <li>- <b>Interrest</b>, precision positioning solution allowing automatic landings in complex environments</li> <li>- <b>JAJA Powerbank</b>, an application offering self-service smartphone battery charging stations</li> <li>- <b>Skyports</b>, designer and operator of vertiports and VTOL logistics</li> <li>- <b>Slatch</b>, a multilingual instant messenger to communicate with the whole world</li> <li>- <b>Stellarea</b>, innovative solutions for people with reduced mobility</li> <li>- <b>Swipe my Job</b>, a job-finding application based on geopositioning</li> <li>- <b>Vianova</b>, helping cities to integrate new forms of mobility into their urban landscape</li> <li>- <b>Vizzo</b>, a platform to connect young job seekers and companies in order to find the perfect match</li> <li>- <b>We Map</b>, guiding and inspiring the public through interactive maps and augmented reality</li> <li>- <b>Wintics</b>, artificial intelligence to support mobility</li> <li>- <b>ZenPark</b>, French leader in Parking-as-a-Service</li> </ul> |
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## In figures

- **4** days dedicated to innovation
- **4** topics – 1 day, 1 topic
- **1** stand of **200m<sup>2</sup>** in RATP Group colours, located in Hall 1, stand J-14
- **27** start-ups, including **12** from RATP Group’s start-up accelerator (season #1 and season #2)
- **Around fifty** meetings
- **3,000** RATP Group employees will be taking part in the event

## Press contact

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