

Transports 2018 Publics

The European Mobility Exhibition

Paris, June 12-14



This Newspaper is available in English and in French on www.transportspublics-expo.com



Facts & Figures

250 exhibitors

11,000 participants

30% international exhibitors

66 countries represented

250 journalists from across Europe and over 800 media sightings

In June, Paris will be going all out for public transport!

There'll be plenty to see at Transports Publics, the European Mobility Exhibition – the high point in 2018 for Europe's mobility stakeholders, taking place between Tuesday 12 and Thursday 14 June at the Paris–Porte de Versailles exhibition centre, with a special emphasis on ecology under the Move Green! tagline.

During this three-day event, Paris will become the European – if not the global – capital of mobility, with tomorrow's transport solutions taking shape amid the stands, talks, and discussions. For manufacturers, operators, service providers, policymakers, and other professionals working in the sector, Transports Publics is an unmissable biennial event at which new ideas emerge, partnerships are forged, and agreements to develop the transport of the future are signed.

The future in question is becoming greener and ever more innovative, involving alternative energy sources, emissions control solutions, low-emission vehicles, and active mobility. Indeed, there will be a special focus on innovations capable of rising to the twin challenges of energy and environmental transition. More than ever before, the 2018 edition will be highlighting smart solutions that harness technology for the benefit of users; after all, Europeans spend an average of two hours a day in some form of transport, and fully 66% of them regret having to use a car most of the time⁽¹⁾.

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In view of these growing expectations, the public transport offering is diversifying and offering new combinations of sustainable multimodal solutions geared to city life – and opening up hard-to-reach areas, too. This year's guests of honour, the City of Los Angeles and its LA Metro network, will be telling the fascinating story of how they've engaged in the much-needed adaptation of their transport offering to local specifics and user expectations.

With over 250 exhibitors and 11,000 participants, Transports Publics, the European Mobility Exhibition, is a key meeting-place for the entire industry. It's designed to cater for everything from startups to international operators, opening up fresh horizons and shifting paradigms. Jean-Pierre Farandou, the CEO of Keolis, which operates networks in 16 countries, is already looking forward to meeting key stakeholders from some 70 different countries there. "Many manufacturers will be introducing us to their latest releases," he explains, relishing the opportunity offered by this event without borders to "compare and contrast approaches in different European countries."

Transdev boss Thierry Mallet shares Jean-Pierre Farandou's enthusiasm. Heading up a company that transports 10 million people worldwide every day, he sees the European Mobility Exhibition rather like a time machine, offering an opportunity to "imagine the future" and "take stock in a rapidly-changing world." A number of events act as so many fingers on the pulse of the sector: the Innovation awards, the European Talent in Mobility awards, and a new competition for startups, the "Smart Move Challenge", which will be giving emerging companies a chance to highlight their own contributions to tomorrow's mobility solutions. Organisers GIE Objectif transport public⁽²⁾ have booked you an appointment with the future in Paris from June 12 to 14 – and that future promises to be both innovative and green.

1- Survey conducted by Ipsos and Boston Consulting: 10,018 individuals in ten different countries responding to an online poll carried out between March 23 and 28, 2017.

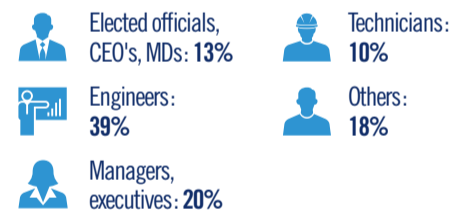
2- GIE Objectif transport public has been set up by France's Transportation Authorities Group (Groupement des Autorités Responsables de Transport, GART) and its Public and Rail Transport Union (Union des Transports Publics et ferroviaires, UTP).

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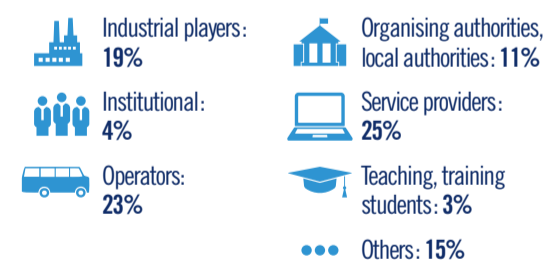
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Visitors

By position



By type of business



Exhibitors

Some of the exhibitors already signed up for the 2018 edition

Acksys Communications & Systems, Acorel, Actia, AGIR, Alfatronix, Arcadis, Beemotion, Bluebus, Bombardier, Bouygues Energies & Services, BusInfo Systems®, BYD, Carpostal, Cerema, Comeca, DCG, Dietrich Vehicules, Dilax, Doppelmayr, Elan Cité, Éolane, Evobus, FPTU, Giro, GMV, Graphibus, Groupe RATP, Hanover, Heuliez Bus, Inéo Systrans, INIT, Iris, Irizar, Iveco, Keolis, Kiel, Klesia, Lantech, Masats, Latitude-Cartagène, Lohr Industrie, LST, Lumiplan, Man, Masteris, Metalic, Navocap, Nocrates, Orange, Otokar, Parkeon, Pweep, Pysae, Safra, Setra, SCAT, SCE, Simpliciti, SNCF, Solari di Udine, Solaris Bus & Coach, Ster, Streamax, Systra, Talleres Zitron, Transdev, Trapeze Group, Trottix, TTK, Ubitransports, Van Hool, Ventura Systems, Vinci Energies, Vossloh, Webreathe, Wever, Wizway Solutions, Xerox, and others.

Book your stand at transportspublics-expo.com

HIGHLIGHTS

The "Smart Move Challenge": startups in the starting blocks

New for 2018: the Exhibition launches the "Smart Move Challenge", a competition directed at startups to support the very best mobility projects.



With innovation at the heart of the 2018 edition of the Exhibition, the "Smart Move Challenge" competition will reward the four best projects presented by European startups, with the support of French Tech (the French start-up ecosystem) and Paris&Co, the French capital's agency for economic development and innovation.

The aim is to kickstart the development of innovative startups that have not yet been able to test out their concept. Candidates must submit an application presenting collective or

shared mobility solutions in one of three categories: resources for passengers, resources for local authorities, and resources for operations. Nine finalists will be shortlisted to make a pitch to the panel and visitors to the European Mobility Exhibition on June 13, 2018. Following the presentations, the panel will decide on the three winners, including one "Grand Prize". In addition, a "People's Choice" prize will be awarded to one of the finalists by the professionals in attendance. Award-winners will be able to give an Experts'

Forum presentation on the third day of the Exhibition, meet innovation directors from major companies, benefit from the assistance of Paris&Co— and for the Grand Prize winner, take away a free stand offer and a financial prize of €10,000.

Applications will be open from February 19 to April 6 at www.transportspublics-expo.com

Public Transport Innovation awards: the 2018 edition is here!

Enterprises, industrial firms, service providers, and operators exhibiting at the event can now submit their applications for the Innovation awards. Products and services can be entered in one or more of the four award categories:

- **Move Green!** (energy and the environment)
- **Operating systems/Ticketing**
- **ITS (passenger information and services)**
- **Accessibility, Fittings, Facilities, and Design.**

Entries must be submitted by April 20. Applications can be downloaded from the exhibitor space on the website: www.transportspublics-expo.com
Contact: salon@gietransport.com



EXHIBITORS

Get your message out!

Exhibitors can book an Experts' Forum slot to share their vision, present their latest innovation, or showcase their expertise. This open venue is available for 30-minute presentations that will be announced in the Exhibition's official programme. **Book your slot now: commercial@gietransport.com**

Time to export!

International markets are close at hand: urban transport and rail experts from the Business France international network are offering 30-minute appointments to assist you with your export strategy. Rencontres Export appointments are free for exhibitors – and you'll soon be able to book one on the Business France website. www.businessfrance.fr

The European Talent in Mobility awards

Calling all talented professionals: the eighth edition of the European Mobility Exhibition will once again be hosting the European Talent in Mobility awards. The contest honours women and men from across Europe who, thanks to their professional abilities, are making a particularly outstanding contribution to the development of public transport.

Anyone involved in mobility can submit their own application or put forward a colleague or partner for one of the four categories of award: best young Talent, best project manager, best manager, and the 'special career service' award. The winners will be announced by a panel made up of representatives of the European trade press, on

June 14. The Web Users' award will go to the candidate with the most votes in the online contest, to be held from April 24 to May 4.

Applications must be made online no later than April 6, at www.transportspublics-expo.com





NETHERLANDS

Arcadis: helping clients to “think differently”

Arcadis offers an alternative to ready-made, cookie-cutter solutions, providing clients with the keys to incorporate new perspectives and overcome difficulties.

Working in engineering and project management, the firm has expanded from its Dutch origins to become well-established in France, helping with everything from trains running on time to accommodating driverless cars alongside users of traditional vehicles. Challenges like these require a departure from traditional thinking; rail project manager Mathias Dufresne describes this as “*the blank-page approach*”. He has become a specialist in railway junctions, which tend to cause delays and increase the risk of accidents. He has developed an analysis method which, starting from scratch, takes into account all the professionals within a geographical area so as to benefit from their multiple insights. Mathias Dufresne’s opposite number for road traffic, Yassine Eddarai, is busy thinking about tomorrow’s highways and devising forward planning so that driverless cars can exist side-by-side with traditional vehicles between 2030 and 2050. His mission is to provide policy guidance for infrastructure agencies to ensure they are not overwhelmed in the future. Whether it’s for road or rail, “*thinking out of the box*” is clearly a defining characteristic of Arcadis, one of those large companies that still has the ethos of a startup.

ITALY

Solari di Udine terminals: now freestanding and solar-powered

Italian firm Solari di Udine is aiming to provide more and better information everywhere with its new high-performance information terminals.

For these latest-generation information terminals developed by the company, “*we’ve paid special attention to the logos, colours, and signage, so as to enrich messages whilst avoiding information overload,*” explains Export Area Manager Stefano Rosso. In dense urban areas, home to multiple transport companies, the operators’ logos ensure their vehicles can be unmistakably located and identified on the same map.

Solari di Udine has been dealing with information for a long time now. The Italian firm was the first to install clocks on towers, and later went on to develop passenger information solutions for stations and airports. The firm was a pioneer in airport departure boards, as well as providing bus network information displays in many cities. In addition to the new visual innovations, Solari di Udine’s latest-generation terminals also feature new developments in terms of energy management – they can now be fully autonomous thanks to solar power. This markedly reduces installation costs, and allows remoter spots to be equipped.

FRANCE

DigiMobee delivers remote DIAGnosis

Featuring a digital display for maintenance premises, the DigiDIAG service provides real-time vehicle fleet monitoring using a system of warning lights.

The stylish, well-designed display offers many other benefits, too. The system provides

ample warning of parts liable to fail, as well as reminders of periodic maintenance requirements. This allows fleet managers to avoid breakdowns by anticipating and planning maintenance. In the event of an emergency, call-out staff also receive SMS alerts. To deliver this multidimensional product, the startup spent considerable time structuring requirements across the entire chain, in order to devise common standards. Emmanuel de

Verdalle, one of the five directors, is firmly convinced that “*the success of a product is very much down to this preliminary work.*” The partners in this small company were careful to screw down every stage of the step-by-step process which led to the design phase. This secured approach to design is very much a defining characteristic of the French engineering firm, where grey matter is the principal raw material.

FRANCE

Wizway develops its “phone ticket”

It’s all on the smartphone! Forget travel cards, tickets, and barcodes: Wizway is turning mobile phones into travelcards; access to a train or metro simply involves scanning the phone at a terminal.

A subsidiary of RATP, SNCF, Gemalto, and Orange, the Wizway startup has devised a secure storage solution based on the NFC standard – making it compatible with various contactless validation systems. This allows all forms of travel document to be stored in one place, doing away with the problems of lost tickets and not having enough tickets to complete a journey. In the event of loss or theft of the phone, the services can be disabled in real time and transferred to another device. Wizway Solutions is the world’s first consortium dedicated to mobile-based ticketing. With less than a dozen engineers, this emerging structure has already signed a contract with Strasbourg’s local network, where its technology is now simplifying the daily lives of several thousand inhabitants of eastern France. At the end of 2017, it was the turn of Île-de-France Mobilités, the network of Paris area, to announce an agreement with Wizway to incorporate the Navigo travel card and traditional metro tickets onto mobile phones – quite a revolution.



FRANCE

BusInfo System® – a solution for medium-sized towns

BusInfo System® offers a service management and passenger information system that can be installed quickly on an entire fleet of buses; the solution is easy to adapt and capable of accommodating occasionally-used vehicles.

It’s designed especially for networks in medium-sized towns, and can operate on either an on-board computer or smartphones. This multi-device applicability means replacement or additional vehicles can be equipped with the system at minimal cost. Drivers simply have to download the app to their smartphone for users to be able to find out when the next bus is coming. The product is especially competitive thanks to its one-size-fits-all formula, common to all of BusInfo’s sixteen client networks. The fact that there are no specific developments means that “*a fleet of 200 buses can be equipped in less than ten months,*” says head of sales, projects, and products Ronan Davril – already looking forward to all the firm’s clients benefiting from the system’s latest developments. “*If an additional vehicle is required, the driver simply needs to have a smartphone. The bus will have exactly the same service management system as a bus fitted with a terminal,*” says Ronan Davril.

GERMANY

MAN’s Lion’s City – ready to use all kinds of energy



Tomorrow’s MAN Lion’s City is already here! The leading German manufacturer’s range is already a familiar sight, but the latest version marks a real generational change.

MAN has been working since 2013 on a full overhaul of the design, ergonomics, colours, and technology of its well-known series, compatible with various types of motive power. The internal combustion version will be on the road this autumn, featuring a brand-new Euro 6D diesel engine. The gas version will be released one year later, at the end of 2019, followed by the electric version in 2020. “*This*

allows fleets to be diverse” points out Bus and Coach Director Frantz Perre, well aware of future trends in this respect. There has been a technological leap forward – not only in terms of powertrain, weight, and emissions, but also in terms of upkeep, with predictive maintenance capabilities and mechanical components that are easier to access: “*keeping vehicle maintenance downtime to a minimum is vital,*” explains Frantz Perre. On the inside, MAN has placed the emphasis on user-friendliness in a vehicle designed to be highly modular and easy to maintain - including seats with no floor fixings.

3 questions for... Frédéric Baverez, Chairman, GIE Objectif transport public



What's your priority for the European Mobility Exhibition as Chairman of GIE Objectif transport public?

Public transport is undergoing profound change as it transitions towards more connected mobility, cleaner energy, increased use of the sharing economy, the personalisation of customer relations, and more. My main goal is to highlight the innovations that will improve network operations and the quality of materials and services made available to passengers. Transports Publics, the European Mobility Exhibition, brings together players from across the sector in Europe. I'm keen to give all of them – from multinationals through to startups – an opportunity to show off their creativity and find out what's new. In particular, we'll be highlighting major projects in the field, from France and elsewhere.

Why do you think it's worth being a part of the 2018 edition of the European Mobility Exhibition? What's new this year?

The European Mobility Exhibition is an opportunity to meet all stakeholders under one roof, find out about all the latest innovations, and engage in sales networking. Once again this year, innovation will be at the heart of the event. We'll have a special focus on startups with the new "Smart

Move Challenge" contest; this will reward the very best mobility projects from up-and-coming companies. Innovations relating to energy and the environment will also be highlighted thanks to this Exhibition's tagline, Move Green! And too, we'll be welcoming the Los Angeles network as Guest of Honour, illustrating the Exhibition's openness to the international scene. What is more, in collaboration with Business France we'll be helping professionals to network at the Export Forum, with the benefit of a new business appointment platform.

What do you see as being the major issues facing the sector today?

Energy transition is emerging as a major challenge in public transport. New fuels, energy management solutions, and electric vehicles are all key areas that will be to the fore, both during the GART and UTP Congress and in the various innovations on show at the Exhibition. Digitalisation in its many forms, together with increasing vehicle autonomy, are two other major sources of leverage; innovation is happening on a daily basis. The full range of solutions offering a glimpse of tomorrow's mobility will be on show in Paris from June 12 to 14!

Interview with Phillip A. Washington, CEO, LA Metro



What are the distinctive features of your network?

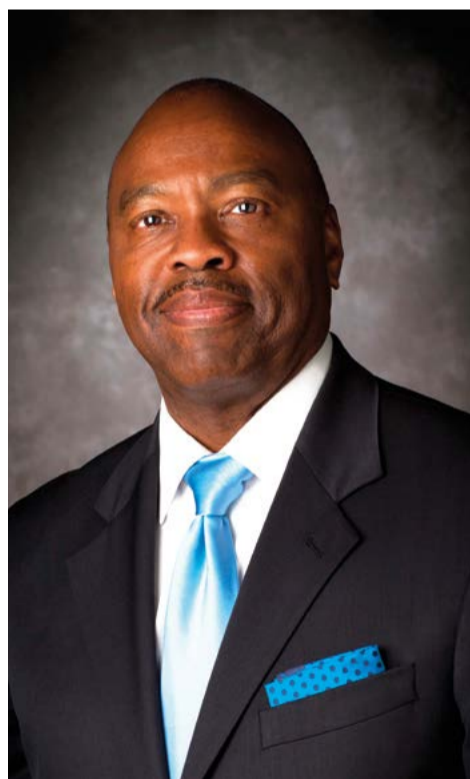
I think the most under-appreciated and unique feature of our transit network is the sheer size of our system. We serve a county that is the most populous in the United States, with 10.1 million residents. It covers 4,084 square miles. That is more than 10 times the size of New York City.

Our bus system is the second busiest in the United States. That's often overlooked because we are also aggressively expanding our rail system. We also help fund dozens of other locally operated bus systems in L.A. County and an inter-county commuter rail system that spans Southern California. On top of that, we fund numerous road and freeway projects within our region. This means that we help improve the mobility needs of nearly every resident of our county, as well as the millions more people who work here or visit every day.

Can you explain the significance of the Measure M program adopted in November 2016? What are the next key milestones for this program?

Measure M demonstrates that Los Angeles County residents had the foresight to tax

themselves (71% approval) to invest in transportation improvements and maintenance programs that will take place in the coming decades.



Residents here understand that mobility is the linchpin of our economy and a major contributor to our quality of life. The need to get to work, school, family and other destinations will never end. Measure M is a testament to the fact that people get it and are willing to pay (\$120 billion in the first 40 years) for local transportation improvements.

As for milestones, there are many because under Measure M we're planning to build 40 major projects in the next 40 years. In fact, we broke ground last year on the second phase of the Metro Gold Line Extension – pushing rail further east in Los Angeles County. This was the first major light rail extension to be funded by Measure M.

There is one development that I think is very significant: Los Angeles has been selected to host the 2028 Summer Olympics and Paralympics. That means the world will be watching as our region efficiently moves both an international audience of sports enthusiasts and our daily 1.4 million riders. With that in mind, our agency's Board of Directors has approved a plan to complete 28 major projects by 2028. This '28 x 2028' initiative is one of the most ambitious infrastructure initiatives ever attempted in the transportation industry.

As you take part in the European Mobility Exhibition as Guest of Honor, what are your goals?

It's quite an honor for LA Metro to be showcased internationally. We are grateful and humbled to be part of a gathering of transit agencies, many of whom are pioneers in our field and continue to provide great service to the world's most well-known cities.

This is also a good chance for us to hear about best practices from agencies outside North America. There may be a difference in the way agencies are structured around the world, but there are also common challenges across our industry — i.e., construction methods and costs, climate change, urban planning and more.

Everyone at my agency is excited that we're involved in the global conversation about transit. I think it's a sign of our great progress to date.

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Guest of honor



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