



Spain at Innotrans





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VISIT US!
HALL 22
STAND 704

Mafex is a non-profit association with the primary objective of providing a service to the Spanish railway sector, by assisting its 72 companies with their internationalisation, strategy and innovation activities, and by defending the general interests of its associates.

Mafex has coordinated the group participation of Spanish railway companies at Innotrans since 2004. This year the association will participate gathering 51 companies and covering more than 2.300 square meters.

MAFEX'S MEMBERS

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»CAF-CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES S.A.	»MB SISTEMAS S.COOP.
»CAF POWER & AUTOMATION	»METALOCAUCHO S.L.
»CAF SIGNALLING	»MGN TRANSFORMACIONES DEL CAUCHO S.A.
»CAF TURNKEY & ENGINEERING	»NEM SOLUTIONS
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COMSA CORPORACIÓN	»PATENTES TALGO S.L.
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»DANOBATGROUP RAILWAYS	REDALSA S.A.
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»FAIVELEY TRANSPORT IBÉRICA S.A	SENER INGENIERÍA Y SISTEMAS S.A.
»DURO FERGUERA RAIL S.A.U	»SICE
FUNDICIONES GARBI S.A.	»SIEMENS RAIL AUTOMATION S.A.U
»FUNOR, S.A.	»TALLERES ALEGRÍA S.A.
»GAMARRA S.A.	TECNATOM
GETINSA-PAYMA	TEKNORAIL SYSTEMS S.A.
»GMV SISTEMAS S.A.U	TELICE S.A.
HICASA - HIERROS Y CARBONES S.A.	»THALES ESPAÑA GRP S.A.U.
»HISPACOLD	TYPSA
IDOM INGENIERÍA Y CONSULTORÍA S.A.	VALDEPINTO S.L.
INSTALACIONES INABENSA S.A	»STADLER RAIL VALENCIA S.A.U.

»MAFEX's members exhibiting at Innotrans 2016



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HALL 26 STAND 307

AMURRIO FERROCARRIL Y EQUIPOS, S.A.

Since 1880, **Amurrio** is a high technology company who designs, manufactures, installs and maintains turnouts in all of its configurations: turnouts, single or double crossover, crossings and comb turnouts, among others.

We make track apparatus and components for all types of railway lines: conventional, high-speed tram, metro and heavy haul.

We specialize in the design and manufacture of frogs, both manganese steel monoblock as mobile point, machined from steel plate or rail-bound, and special paths for double -or triple- gauge tracks. We also provide engineering services prior to project, technical assistance on site and assembly and maintenance services of turnouts.



Aquafrisch, s.l.

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HALL 7.2 C STAND 201

AQUAFRISCH, S.L.

High reliable maintenance equipment for railway depots. **Aquafrisch** main manufactured products are Train Wash Plants, Bogie Wash Cabins and CET systems (Train toilets sewing systems) both in fixed or mobile possibilities together with water treatment plants. Other available equipments are Sand Filling Systems and Internal Rail Tank washers.

The company has over 20 years experience developing projects in more than 20 countries. Aquafrisch has been certified ISO 9001 and practices a policy of quality as embodied in reliable products tailored to customer needs and services with optimal solutions.



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HALL 26 STAND 307

ARCELORMITTAL EUROPE

With 114 million tons of annual production capacity and 210,000 employees across 60 countries, **ArcelorMittal** is the world's leading steel and mining company. As a rail producer, owns sites in Dabrowa Gornicza and Krowleska (Poland), Rodange (Luxemburg), Gijon (Spain), and Steelton (United States).

The company has a wide portfolio of products covering rails for railways, subways, tram, light tracks, crossings, crane rails, rail components and other special products such as cathode bars, track shoes, etc. ArcelorMittal is engaged in continuous improvement of its product range, through the research and development of new types of rails and welding techniques.



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HALL 20 STAND 202

CAF MIIRA

CAF Miira is a global reference in the supply of critical components and complete solutions for rolling gear and coupling systems, providing state-of-the-art engineering, manufacturing and maintenance capabilities for a complete portfolio of extensively proven solutions in the railway sector. Miira is an enterprise that rolls forward with new innovation, continuous product optimization and a mentality to ensure customer satisfaction. Currently supplying monobloc and resilient wheels, axles, complete wheelsets and portal axles, gearboxes and couplers, and offering a wide range of related services for the full spectrum of rolling stock vehicles.



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www.cafsignalling.com

HALL 3.2 STAND 401

CAF SIGNALLING

CAF Signalling is a world reference in the design and implementation of rail control solutions for the railways industry.

CAF Signalling boosts its own in-house engineering and expertise to undertake "turn key" railway signalling projects with recognition from Administrations over Europe, America, Africa, Middle East and Asia. Headquartered in Spain, CAF Signalling is a leading reference in ERTMS/ETCS and rail control solutions for every type of rail system: main lines, high speed, light rail, metros and freight. The company uses its own technology following the highest European standards and certified by recognised certification bodies for SIL4 and interoperability.



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HALL 3.2 STAND 401

CAF

CAF is one of the international benchmarks in the implementation of comprehensive rail transit systems. The Company provides comprehensive project and engineering management throughout all stages of the project including feasibility analysis and investigations, system design, civil work, signalling, electrification and other electromechanical systems, rolling stock supply and system operation and maintenance.

In terms of rolling stock, CAF designs and manufactures an extensive range of rail vehicles for different transport authorities around the globe: high speed trains, regional and commuter trains, passenger cars, metro units, trams, articulated units and locomotives.





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HALL 3.2 STAND 401

CAF TURNKEY & ENGINEERING

CAF Turnkey & Engineering was established in 2007 as CAF group's subsidiary for fully fledged infrastructure projects, its headquarters are in the Technology and Science Park of Bizkaia (Basque Country).

CAFTE provides comprehensive engineering services in the transport and infrastructure sector, developing projects in international environments for public and private organizations. Its two main areas are the division of engineering and consulting services integrated transport and EPC division for the execution of turnkey projects. CAFTE has offices in Bilbao, Madrid and Mexico.



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HALL 3.2 STAND 401

CAF POWER & AUTOMATION

CAF Power & Automation goes beyond the design and development of traction, control & communication, and energy storage systems. Our commitment to create modular and integrable systems makes possible to incorporate all our solutions into new vehicles and those currently in service. This ensures fleet modernisation and maintenance cost reduction. This specialisation has opened the international locomotive market for us in countries such as Italy, India, USA and South Africa. We have uncompromising passion in our work to support and advice all your decisions throughout the operating life of the product. If you have an idea, we can shape it for you.



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HALL 7.2 C STAND 203

CETEST

Fully accredited ISO17025, experts in railway vehicles and components testing (structural & fatigue, static tests, ride dynamics, noise, vibrations, EMC...). Their offering covers a wide variety of component test benches at their facilities as well as portable ones. They provide a global on-track measurement deployment capacity. From validation and verification test in the development phase to product homologation and also failure cause analysis in the after-sales operation, CETEST can assist you during the full lifecycle of your product. Its customers include passenger, freight and special track vehicle manufacturers, rail operators, engineering firms as well as component suppliers.



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HALL 22 A STAND 601

DANOBAT, S. COOP.

DANOBATGROUP is a leading supplier of global solutions for rolling stock component manufacture and maintenance.

We offer comprehensive solutions for all rolling stock component manufacturing and maintenance processes: from wheels and axles to bogies and wheelsets, offering stand-alone machines as well as turnkey lines.

We also offer complete depot solutions which have been designed and developed to extend wheelset life by up to 25% and save on maintenance costs. These integrated solution include: a wheel profile measuring system, a wheelset optimisation software and a new range of underfloor wheel lathes.



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HALL 26 STAND 307

DURO FELGUERA RAÍL, S.A.U.

DF Rail is a Spanish company that provides design and manufacturing solutions for turnout systems and Manganese steel crossings. Supplies of turnouts for tramway, metro, conventional lines, high speed, industrial and heavy haul railways in more than 21 countries in Europe, Africa, Asia and America. Turnouts for speeds up to 350 kms/h, up to 38 Tons axle loads, double and triple gauge turnouts, swing nose crossings, noise and vibration reduction systems. Design, casting, CNC machining, flash butt welding, explosive hardening of Manganese steel crossings. Dynamic and static bending tests. Insulated glued joints, transition rails.



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HALL 22 STAND 704

ECOCOMPUTER S.L.

Ecocomputer is a technology firm specialized in the design, development and implementation of ICT solutions in the railway industry, and in the Access Control and Time&Attendance business. Ecocomputer holds a wide portfolio of own products (both design and development) as a result of years of evolution and adaptation to the customer needs.

The portfolio of products is based on: Ticketing and Booking Systems; Traveller Information Systems; Planning and Tracking Systems; Access Control - Time & Attendance Solutions. Compared to market standards, these are high-tech and user-friendly solutions, highly adaptable and customizable.





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HALL 2.1 STAND 412

GMV INNOVATING SOLUTIONS

GMV is a privately owned technological business group with international presence. GMV's railway portfolio includes Fleet Management System (SAE-R®), providing operators with an all-in system for planning and management of the fleet, video surveillance systems (CCTV), Passenger Information Systems (including LED panels, TFT monitors) Public Address and intercommunication System and a wide variety of electronic fare collection systems. GMV provides all these mentioned systems in two different versions: for on-board use and for stations.



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HALL 22 STAND 701

GORATU MÁQUINAS HERRAMIENTA S.A.

Geminis turning solutions.



Supplier for the manufacturing and maintenance of rolling stock components, including axles, wheels and wheelsets.



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HALL 22 STAND 704

GORGY TIMING SPAIN, S.L.

GORGY TIMING SPAIN and GORGY TIMING GmbH are the two subsidiaries of GORGY TIMING: a 40-year experienced French manufacturer that designs, produces and sells time distribution and synchronisation systems, namely time servers, LED and analog clocks. To offer a comprehensive solution, GORGY TIMING markets as well communication displays and public address system thanks to reliable partners.

GORGY TIMING is a family business employing 47 people. World-wide recognized as a leader in innovation, GORGY TIMING products are well known for their design, robustness, precision, security and reliability.



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HALL 5.2 STAND 410

INECO

Ineco is a global leader in infrastructure engineering and consultancy. With a presence in more than 50 countries, it has an expert team of close to 2,500 professionals and has for more than 45 years contributed to the development of projects in all areas of transport: planning, airports, air navigation, railways, roads, urban transport and ports. Its activities extend to the environmental sector, architecture and construction. Ineco offers comprehensive solutions in all phases of a project, from preliminary feasibility studies to commissioning, including making improvements to management, operation and maintenance processes.



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HALL 3.1 STAND 234

INDUSTRIAL DE TRANSFORMADOS, S.A.

ITSA is a Spanish company specialized in the design and manufacturing of turnkey Railway Interior Components. We optimize costs, weights and subcomponents through the in-house engineering. When transforming different raw materials and creating products, ITSA uses a wide range of in house processes: FRP SMC, SMC + PIMC, RTM, and PLASTIC INJECTION. Additionally ITSA undertakes pultrusion, hand lamination, thermoforming, metal transformation and subcomponents processes through an expert panel of suppliers. We manage all phases of the project: Tool & Product design; Manufacturing; Finishing & assembly; Packaging & delivery. Please come and visit us at our stand!



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HALL 21 STAND 205

JEZ SISTEMAS FERROVIARIOS, S.L.

JEZ SISTEMAS FERROVIARIOS, S.L., located in Llodio (Spain), designs, manufactures and supplies turnouts and manganese steel crossings for railways as well as steel and other alloy castings since 1926. Its experience, the strengthening of its engineering division and the commitment to quality systems has allowed JEZ to position as leader in its sector. Our technical department (Research and Development department) gives us the ability to design and manufacture complete layouts or single components. In 2.008 the subsidiary company MFA was created, which established production in France. MFA contributes to a qualitative advance due to its degree of automation of the production process.





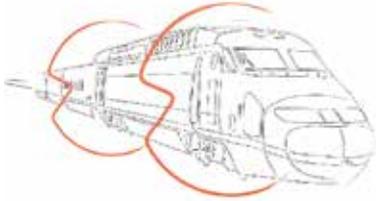
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HALL 22 B
STAND 311

LA FARGA

La Farga is a metallurgical holding with more than 200 years of history that manufactures and commercializes semi-finished copper products and its alloys in sectors such as electrical wiring, metallic packaging, railway, among others.

La Farga Lacambra, one of the companies of the group, offers the full range of copper products and alloys for the catenary (dropper for messenger cable, static point cable, contact wire CuETP, CuMg, CuAg and CuSn, messenger and electrical connection cable) employed in the railway market, using an integrated process based on pure copper from the mine (cathode).



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HALL 22
STAND 703

MB SISTEMAS S. COOP.

Development of Multidisciplinary and Complex "Turn-Key" projects bringing whole value chain: Simultaneous Engineering, Conceptual Design, Detailed Design, Structural Calculations, Purchasing, Installation, Start-Up and Try-out in house and in customer's facilities.

The railroad industry needs greater efficiency in production processes, while flexibility is one of the main features that require new train car bodies manufacturing facilities.

Our installations are efficient and flexible; allow reaching productions of subassemblies up to 50 cars per month and even more, with maximum reliability and repeatability. Improve Efficiency, Improve Quality.



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HALL 21 A
STAND 509

NEM SOLUTIONS

NEM Solutions provides maintainers and operators of rolling stock with complete maintenance management solutions, advanced engineering and expert consultancy services. Our areas of expertise include: wheelset life extension, productivity improvement through smart data analytics and business driven data management. NEM Solutions' value proposal lies in determining the future behaviour of the assets through the analysis of vehicle operational data and maintenance information. By properly treating those data, NEM Solutions manages to extend assets' life cycles, improve the overall productivity and generate valuable knowledge for the end user. This translates into maintenance costs minimization and performance, reliability and availability maximization.



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HALL 22
STAND 704

NEWTEK SOLIDOS S.L.

NEWTEK SOLIDOS S.L. is since its origin in 1987, a company dedicated to the design, fabrication, installation and commissioning of facilities that work with granulated or dust raw materials for the industry in general. It supplies full sandbox filling facilities for train and tram industries. Most of these are composed of sand storage silos, pneumatic conveying systems including transportation lines, fixed or mobile sand dispensing units and dust suction systems. It is authorized by the Industrial Authority for the design, manufacture and installation of pressure vessels. NEWTEK operates under UNE-EN ISO 9001:2008 Quality Management System certification (No. ER-1374/2001).



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HALL 4.1
STAND 402

SICE SOCIEDAD IBÉRICA DE CONSTRUCCIONES ELÉCTRICAS, S.A.

SICE is a Worldwide leading Integrator on Intelligent Traffic and Transportation Systems (ITS), Railway technology, Public Transport, Tunnel Control Systems and Telecommunications for both public and private transportation systems.

SICE provides Complete Security and Communication Systems for the Metro, Light Rail and similar Railways infrastructures, Tunnels, Intermodal transit centres and stations. D&B Solutions integrates Passenger information, Fare collection, Telecommunications, Signalling, level Crossing into a Communication SCADA for Centralized Management.



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HALL 2.2
STAND 103

STADLER RAIL VALENCIA

Closely linked with the industrial heritage of railways and with the benefit of more than a century of experience, Stadler Rail Valencia, the new Spanish Division of Swiss Group Stadler since the end of 2015, designs and manufactures state-of-the-art locomotives and passenger trains and provides a comprehensive range of services.

Innovative hybrid technologies developed in Valencia will be presented in Innotrans such as the new low-floor hybrid Citylink tram-train for Chemnitz or the versatile dual-mode locomotive from the EURODual family.





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HALL 26
STAND 307

TALLERES ALEGRIA, S.A.

Talleres Alegría, S.A. is a family owned company devoted since 1900 to design, manufacturing and after sales assistance of turn-out systems, expansion devices, re-railers for metallic bridges, insulated joints and all kind of fixed track material, its accessories and spare parts. Developing of Designing and Commissioning Integral projects of turnouts to be installed at Depots and Industrial Ports and Factories. Design, manufacturing, repair and maintenance of self propelled vehicles to carry out works at the infrastructure. Design, manufacturing, retrofitting, repair and maintenance of freight wagons.



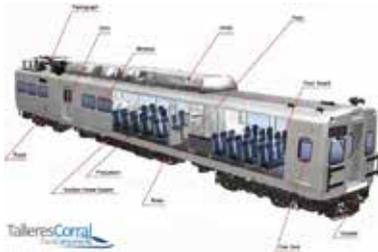
TalleresCorral

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www.tallerescorral.com

HALL 22
STAND 703

TALLERES CORRAL MECANIZADOS S.L.

Talleres Corral is a medium size company, founded in 1958, focusing in production of high quality and security requirements components for railway industry. Our company is certified according the most important international standards like ISO9001, EN15085 CL1 and ISO3834 (SLV Duisburg) for welded parts and DIN 6701 A2 (TC-Kleben) for bonding components for railway. For production of pressure vessels for brake and air conditioned systems, TalleresCorral is certificated module H of PED 97/23/EC by Bureau Veritas, manufacturing tanks according to AD2000, EN13445 and EN286 codes.



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HALL 22
STAND 704

TECNO SPUMA, S.L.

TECNO SPUMA is the specialist for thermo-acoustic insulation products based on technical foams, felts, elastomers and self-adhesives for the markets of HVACR, Home Appliance, Railway, Automotive and Construction. Created in 1979, located in Spain and selling nowadays in over 20 countries, TECNO SPUMA has the desire to share its experience in insulation for trains at INNOTRANS 2016 through its product ranges TECNOSIL, TECNOLEN, BASO-TECT® and TECNOFLEX.



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HALL Outdoor Display
STAND O/309

UROMAC

UROMAC is a company with more than 70 years of experience in the manufacturing of 4x4 vehicles and machines for railway and construction sectors. UROMAC is specialized in road-rail vehicles for railway, metro and tram lines such as: Shunting vehicles; Rescue Vehicles; Overhead & Catenary Trucks; Cleaning vehicles for tram lines; Road-rail dumpers for ballast and concrete; Road-rail locotractors; Vegetation control vehicles. UROMAC covers the whole production process from conceptual design, detailed engineering, manufacturing and delivery according to customer specifications.



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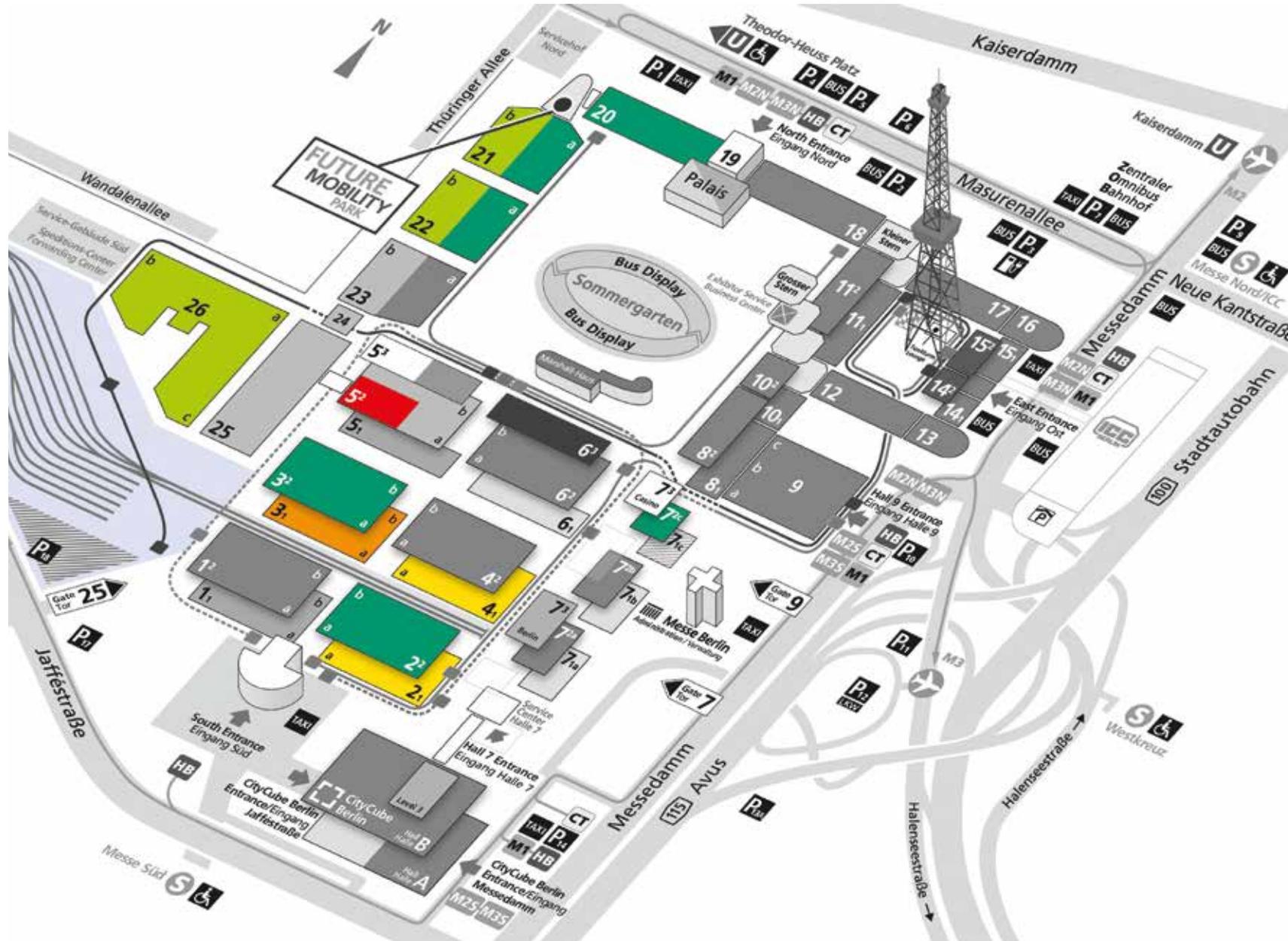
HALL 22
STAND 704

VIRLAB VIBRATIONS TESTING LABORATORY

VIRLAB, an URBAR Ingenieros Group company, is a Vibrations and shock Testing Laboratory, part of its activities are devoted to Rail Transport Sector. We perform tests under CEI/IEC 61373, IEC 60068-2-27 and IEC 60068-2-64 standards to Clients such as CAF Group, Carbuers, Bombardier Transportation, Siemens Rail Automation, Ingeteam, Merak, Knorr-Bremse, Hispacold, KLK Electromateriales, Sepsa, Kelox and Oasys Group. In our facilities, in the Northern of Spain, we have done more than 2,200 tests (to all economic sectors) until the end of 2015. Our main Testing Platform's specifications are: 2500x2500mm usable surface, 2x150kN force, ± 125mm displacement máx., 800mm/s speed máx., 6g acceleration máx. and 0-200 Hz frequency range.



Map of the Exhibition grounds: SPANISH EXHIBITORS



HALL 2.1

GMV_STAND 412

HALL 2.2

STADLER_STAND 103

HALL 3.1

ITSA_STAND 234

HALL 3.2

CAF_SIGNALLING_STAND 401

CAF_STAND 401

CAF_TURNKEY & ENGINEERING_STAND 401

CAF_POWER & AUTOMATION_STAND 401

HALL 4.1

SICE_STAND 402

HALL 5.2

INECO_STAND 410

HALL 7.2 C

CETEST_STAND 203

AQUAFRISH_STAND 201

HALL 20

CAF_MIIRA_STAND 202

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JEZ_STAND 205

NEM_STAND 509

HALL 22

DANOBAT_STAND 601

ECOCOMPUTER_STAND 704

GORATU_STAND 701

GORGY_STAND 704

MAFEX_STAND 704

LA FARGA_STAND 311

MB_STAND 703

NEWTEK_STAND 704

TALLERES CORRAL_STAND 703

TECNO SPUMA_STAND 704

VIRLAB_STAND 704

HALL 26

AMURRIO_STAND 307

ARCELORMITTAL_STAND 307

DURO FELGUERA_STAND 307

TALLERES ALEGRÍA_STAND 307

OUTDOOR DISPLAY

UROMAC_STAND 0/320



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