



RAIL
INDUSTRY
MEETINGS

DIGITAL

**International BtoB Meetings
for the Railway Industry
December 9 - 10 2020
Valenciennes Congress Center - France**

CONTRACTOR'S APPLICATION FORM

Fill out this form as carefully as possible. This information will be used to write your presentation and will allow to your future interlocutors to better understand your needs.

Your registration is totally FREE and includes:

- ✓ **A personalized 2-day schedule of pre-planned BtoB meetings in digital** based on your choices
- ✓ The RAIL INDUSTRY MEETINGS 2020 catalogue, available online in PDF format
- ✓ Access to all conferences
- ✓ The assistance of the RAIL INDUSTRY MEETINGS team during the event to increase its efficiency

COMPANY DETAILS

COMPANY NAME:

- ◆ Address:
- ◆ Postcode: ◆ Town / City: ◆ Country:
- ◆ Phone: ◆ Fax: ◆ Email:
- ◆ Website:
- ◆ Year of foundation: ◆ Turnover (In Millions of Euros): ◆ Number of employees:
- ◆ Group affiliation: ◆ Group nationality :
- ◆ Member of a trade association or organization:

PARTICIPANTS CONTACT DETAILS

Delegate 1 *(The person to whom the organizer will send all documents and files)*

- ◆ Title: ◆ First name: ◆ Last name:
- ◆ Job title: ◆ Mobile phone :
- ◆ Direct phone : ◆ Fax: ◆ E-mail:
- ◆ Address (no PO boxes accepted) :
- ◆ Postcode: ◆ City: ◆ Country:
- ◆ Other useful information:

Delegate 2

- ◆ Title: ◆ First name: ◆ Last name:
- ◆ Job title: ◆ Mobile phone :
- ◆ Direct phone : ◆ Fax: ◆ E-mail:
- ◆ Address (no PO boxes accepted):
- ◆ Postcode: ◆ City: ◆ Country:
- ◆ Other useful information:

Administrative follow-up

- ◆ Title: ◆ First name: ◆ Last name:
- ◆ Job title: ◆ Mobile phone :
- ◆ Direct phone : ◆ Fax : ◆ E-mail :



1. OUR PROFILE :

- VSB (Very Small Business)
- Midcap
- SME/SMI
- Large group
- Cluster
- IRT (Scientific Cooperation Foundation)
- Competitiveness cluster
- Collectivity
- Railway manufacturer
- Other (Precise):.....
- Construction of tracks company
- Rail-transport operator
- Infrastructure manager (tracks, catenaries, yards, terminals)
- First tier supplier
- Second tier supplier
- Studies, design, engineering, R&D
- Rail maintenance company

2. OUR ACTIVITIES:

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Do you have an internal engineering and design department: Yes No
 Please indicate your Quality standard certifications e.g. ISO qualification:

3. NATURE OF PARTICIPATION:

◆ Our needs		◆ Represented department	
<input type="checkbox"/> Sub-contracting <input type="checkbox"/> Products <input type="checkbox"/> Skills <input type="checkbox"/> Services	<input type="checkbox"/> R & D partnership <input type="checkbox"/> Licenses / Technologies <input type="checkbox"/> Commercial representation <input type="checkbox"/> Common research programs <input type="checkbox"/> Engineering	<input type="checkbox"/> Purchasing <input type="checkbox"/> Design <input type="checkbox"/> Production <input type="checkbox"/> Sub-contracting	<input type="checkbox"/> Quality <input type="checkbox"/> Engineering <input type="checkbox"/> Manufacturing, industrialization <input type="checkbox"/> Research & Development
<input type="checkbox"/> Other (specify) :		<input type="checkbox"/> Other (specify) :	

4. SERIE / PRODUCTION

- Prototyping Small series Medium series Large series

5. AREAS OF OUR ACTIVITIES:

1. Infrastructures

1.1. Railway exploitation

- Catenaries
- Tracks security equipments
- Electrified lines, traction power supply systems installations
- Monitoring systems
- Traffic management and regulation
- Acoustic protection
- Communication systems for the railway operation
- Measurement systems
- Registration systems
- Access equipment
- Railway civil engineering
- Railway tracks
- Other (Precise):

1.2. Signalling

- Cable ducts
- Communication technology
- Control systems
- Level crossing systems
- Operating control engineering
- Remote control equipments
- Referral systems
- Signalling systems



- Space train control systems
- Speed control systems

1.3. Maintenance

- Track maintenance
- Maintenance of railway traction sub-stations
- Power-supply system maintenance
- Catenaries maintenance

- Other (Precise):

- Telecommunications maintenance
- Signalling systems maintenance
- Other (Precise):

2. Rolling stock

2.1. Vehicles

- High-speed train
- Regional Train
- Underground
- Tramways
- Freight train

- Freight traction units
- Tracks maintenance equipment
- Special vehicles
- Other (Precise)

2.2 Tractive stock

- Auxiliaries (chilling, ventilation,...)
- Electrical and electronic components
- Current-collection installations
- Propulsion systems
- Vehicle control systems
- Autonomous drive train (diesel engine)

- Electrical drive train (synchronous and asynchronous motors)
- Hydrail
- Auxiliary power supply units
- Other (Precise)

2.3. Vehicle structure

- Bumpers
- Bogies
- Cables and accessories for the rolling stock
- Body
- Axels
- Walls
- Acoustics protection

- Wheels
- Couplings systems
- Door systems
- Suspension systems
- Braking systems and equipments
- Shock absorbers
- Roofing
- Other (Precise):

2.4. Vehicle maintenance & renovation

- Maintenance workshop
- Inspection devices and systems
- Lifting devices for tracked vehicles
- Testing devices and systems
- Measuring equipment and systems
- Axels maintenance
- Predictive maintenance
- Wheel force measurement systems

- Corner force measuring equipment
- Replacement tasks
- Disposal systems
- Exhaust systems
- Bogie testing plants
- Varnishing devices
- Other (Precise):

3. Embedded equipment

- Sensors and instrumentation
- Energy conversion
- Cyber security
- Automation equipment
- Vehicle tracking and localization systems
- Driver's control / command and control systems
- Connected systems
- Embedded systems

- Electrical and intermediary interlocking systems
- Security and safety systems
- Automatic stop and operating systems for trains
- Integrated operations control systems
- Telecommunications
- Data transmission
- Other (Precise):

4. Railway vehicle interior

- Air-conditioning, air ventilation, air climatisation systems
- Carpet and flooring
- Ceiling
- Corridors
- Entertainment systems
- Floor
- Lights
- Insulation and fire protection
- Interior design
- Interior and exterior doors

- Information and advertising systems
- Luggage rack
- Picture window and glazing
- Platforms
- Seat materials and systems
- Switch-boarding area
- Tables
- Toilet systems
- Travel catering
- Other (Precise)

6. DESIRED PRODUCTS, SKILLS AND PROCESSES:

- Studies & Development
- Design / 3D modeling
- Calculation & dimensioning
- Design
- Eco-design
- Expertises

- Additive Manufacturing
- Software
- Virtual prototyping
- Simulation
- Other (Precise) :

Composites

- Compression SMC/BMC
- Contact and projection Molding
- Continuous impregnation
- Drape forming
- Filament winding
- Manufacture – Fabric
- Polymerization
- RTM - Resin Transfer Molding
- Sandwich Structure
- Thermoplastic welding
- Vacuum injection
- Other (Precise):

Energy and Power / Electric / Electronics

- Technologies for harsh environments
- Batteries
- Electric cabling
- Electronic cabling
- Rugged Embedded Computer Board
- Sensors
- Electronic cards
- Printed circuit board
- Connectors
- Converters, transformer
- Power electronics
- Control electronics
- Artificial intelligence – AI
- Hydrogen
- Energy storage systems and management
- Micro / Nanotechnologies
- Modeling, simulation, calculations
- Connected systems
- Embedded systems
- Interconnection systems
- Electrical transmissions
- Other (Precise):

Tests, trials and control

- Control, measurement, instrumentation
- Test-stand
- Diagnostic equipment
- Trials and tests
- Other (Precise):

Industrial data processing & Software

- Data acquisition
- Controllers
- Digital imagery
- Software
- Modeling, simulation, calculations
- Wireless technologies
- Information processing
- Digital transmissions
- Other (Precise):

Materials

- Rubber and elastomers
- Ceramics
- Composites
- Insulation materials
- Metallic materials
- Polymers
- Technical textiles
- Glass
- Vegetable fiber
- Other (Precise):

Mechanics and metals

- Bar turning
- Cutting / Drawing
- Foundry
- Heating-forge
- Mechanics
- Precision mechanics
- Mechanized welding
- Sheet metal working
- Surface treatments
- Heat treatments
- Machining
- Other (Precise):

Mechatronics

- Actuators
- Automatism
- Sensors
- Electromechanical components and systems
- Man-machine interface
- Robotization
- Control-command system
- Data processing
- Other (Precise):

Plastics

- Assembly of parts
- Boilermaking
- Extrusion
- Additive Manufacturing
- Injection
- Micro-injection
- Micro / Nanotechnologies
- Plastics moulding
- Over moulding
- Thermoforming
- Turning
- Machining
- Other (Precise):

Transmission systems and equipment

- Pneumatic material
- Engines
- Traction motors
- Bearings
- Electronic driving system
- Hydraulic driving system

- Electrical transmission system
- Hydraulic transmission system
- Mechanical transmission system
- Pneumatic transmission system
- Other (Precise):

Maintenance, repair, engineering & project management

- Project supervision assistance
- Advice and expertise
- Design and feasibility studies
- Training
- Equipment engineering and transport systems
- Design and integration engineering

- Maintenance engineering
- Rolling stock, systems and services maintenance
- Global supervision assistance
- Project management
- Vehicles repair and refurbishment services
- Other (Precise):

7. DETAILED DESCRIPTION OF OUR NEEDS:

Description of our projects (ongoing or future projects):

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Specific certifications or process needed:

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CONFIRMATION OF ATTENDANCE

- I agree to participate in the RAIL INDUSTRY MEETINGS 2020 convention

These meetings days are organised with pre-programmed meetings.
 Any annulations of participation have detrimental to all participants.
 I promise therefore to appoint a competent replacement in case of my absence.

Competent replacement’s title, first name, last name:.....

Job title :

Signed in (city):

Date

By (Name) :

Signature and business stamp:

Please return the completed form as soon as possible:

- ✓ By mail : **abe / Rail Industry Meetings**
35-37, rue des Abondances - 92513 Boulogne-Billancourt cedex – France
- ✓ By email : rim@advbe.com / xsicard@advbe.com

