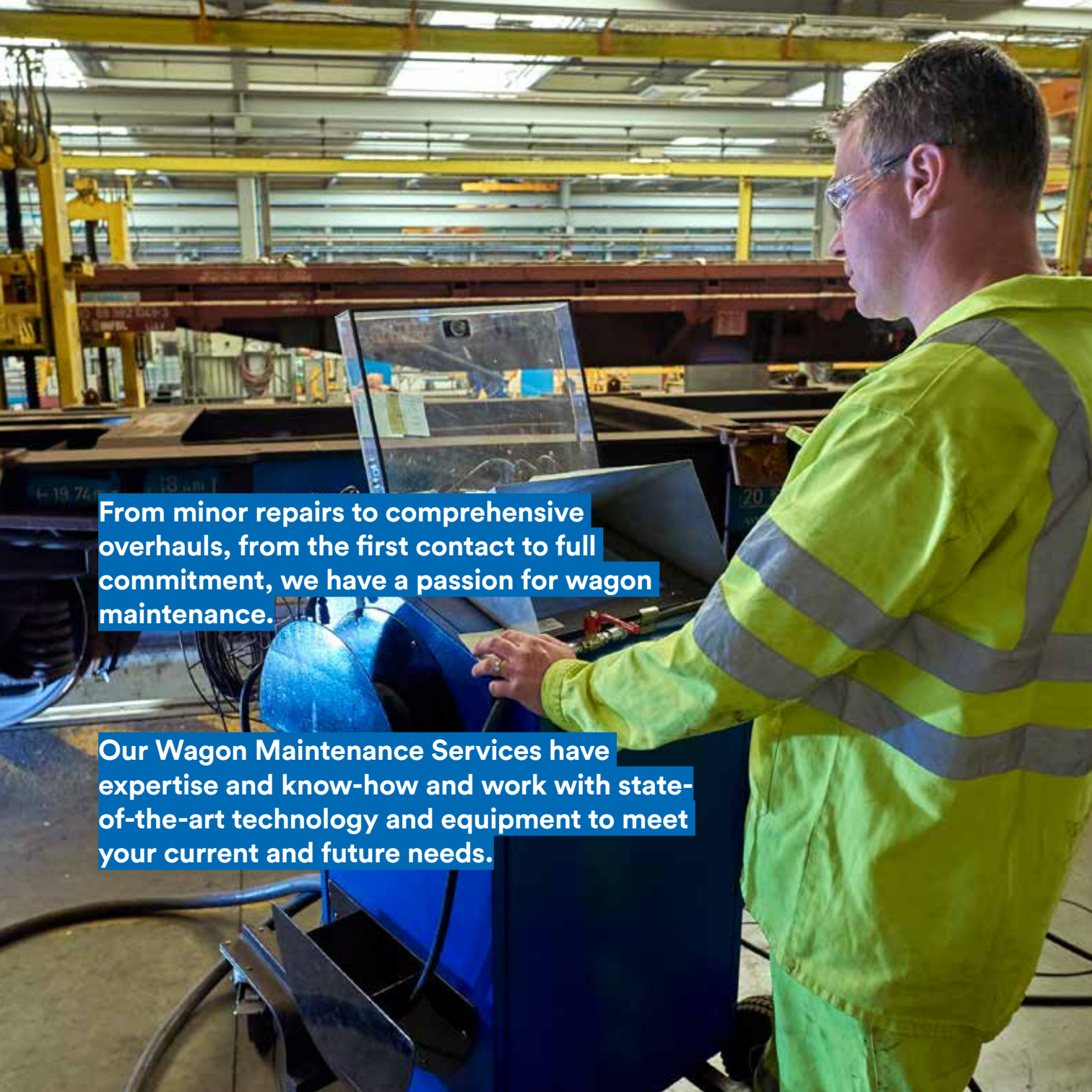




# Passion for wagon maintenance

SNCB Wagon Maintenance Services



**From minor repairs to comprehensive overhauls, from the first contact to full commitment, we have a passion for wagon maintenance.**

**Our Wagon Maintenance Services have expertise and know-how and work with state-of-the-art technology and equipment to meet your current and future needs.**

Dear wagon keeper, wagon owner, railway undertaking, ECM...

Rail freight transport plays a key role in the sustainable economy and is **the driving force of major european supply chains** which we wish and need to keep running. Hundreds of freight wagons travel across Belgium in national and international transports every day. Including yours.

You must have heard of SNCB Wagon Maintenance Services. As experienced professional in the area of freight wagon maintenance, we **guarantee maximum reliability and high quality standards**. In this leaflet we clearly set out the possibilities we can offer you. Because your wagons deserve **top quality service**.

We invite you to take a look behind-the-scenes at the SNCB Antwerp wagon workshop. This workshop offers you many **advantages that make the difference**: a strategic location at the heart of Europe's biggest port, easily accessible infrastructure, experienced maintenance teams with a passion for delivering excellence in wagon maintenance, of which we have decades of experience. The many and varied comments from our satisfied customers, which are to be found all throughout this brochure, bear witness to that.

In addition we work in close cooperation with the SNCB Central Workshop in Mechelen, where wheelsets up to IS level 3 are repaired and maintained, as part of separate work orders or as part of a one-stop shop wagon maintenance. This workshop also overhauls various types of vital spare parts, such as brake components, so we have a permanent stock of brake controllers, weighing valves, etc.

For increased flexibility, we use **mobile teams**. These teams operate at busy junctions such as Antwerp, Ghent-Terneuzen, Zeebrugge and Liège, as well as anywhere in Belgium.

Maintenance is performed under the supervision of **a specialised ECM team** and fulfills all safety and regulatory requirements.

Would you be interested in meeting us? **Feel free to contact us. We're here to share our passion with you!**

Gérald Gantois  
Senior Manager Third Party Maintenance Sales

Olivier Swaenepoel  
Senior Manager Freight Wagon Maintenance

# At the heart of our activity: the Antwerp-North Wagon Workshop

The Antwerp-North Wagon Workshop is located in the heart of the Port of Antwerp, close to several hubs and at the crossroads of major international corridors.

We offer a high-quality and flexible total package of preventive and curative maintenance for freight wagons to wagon owners, railway undertakings and users, aiming to maximise the in-service time of your freight wagons.

Photo copyright Infrabel, Benjamin Brolin

## 4 key-business areas

### Preventive wagon maintenance

- according to VPI guidelines: G 4.0, G 4.2 and G 4.8, Br 3, IS 1 and IL, IS 2, IS 3 via our partner workshop in Mechelen.
- in accordance with the specific instructions from the ECM/wagon keeper

### Curative wagon maintenance

- in accordance with the GCU-specifications
- in accordance with the ECM-specifications
- minor repairs such as step or handle replacements
- major repair work after derailment in order to return the wagon to safe operation

### Reconversion

From renewal of wooden floors to reconversion of worker's shed wagons, we have the necessary equipment.

### Retrofits

Our long-standing experience enables us to do all necessary work, including brake-system retrofits.

“The strategic location combined with a wide range of technical know-how and capabilities of the workshop is a major asset for us.”

DB Cargo Belgium



## State-of-the-art equipment for a wide range of services

We are at your service! Antwerp-North is a dynamic workshop with a wide range of state-of-art technologies. We have eight indoor tracks for multiple as well as dedicated use and four outdoor tracks.

Several **mobile lifting jacks** with a capacity ranging from 40 tons up to 80 tons enable even articulated wagons to be lifted.

The 32-ton **lifting hoists** can be used for wagons with shifted loads or to move wheelsets.



Four hoisting units able to lift up to 100 tons which can be used to handle loaded or RID wagons (e.g. to change wheelsets) are available on the outdoor tracks.



Our own vehicles are used for **internal logistical movements**.

+ Two of the outdoor tracks are fitted with 50-m and 25-m **pits**, ideal for measuring wheels, brake-testing on RID wagons and performing minor repairs.

“To date, out of the G 4.0 wagons processed by SNCB, we haven’t had any issues with recalls due to lack of quality or non-compliance, a point to which we pay great attention. From the beginning of our relationship, and even though only a small number of wagons were processed during the first year, SNCB has supplied only high-quality work.”

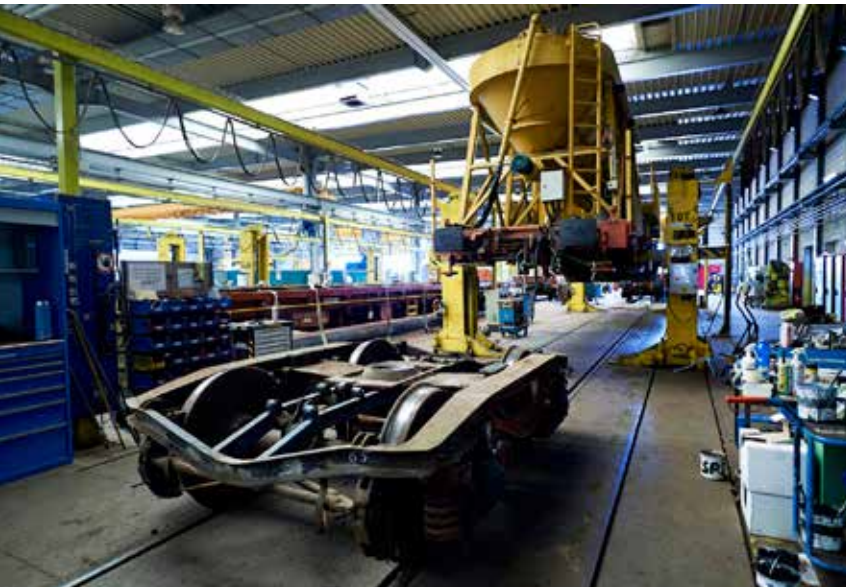
TOUAX



“The work supplied is of good quality. The communication is good and we cooperate on finding solutions. Good service, customer-friendly.”

Ermewa

A customer stock of **wheelsets** or **components**, needed during maintenance, can be stored.



# State-of-the-art equipment for a wide range of services



Our underfloor **wheel lathe** enables us to reprofile wheelsets without having to dismount the wheelsets.



**Welding**, e.g. of cracks, is done according to **15085-2 standard** by our highly skilled team of welders and welding engineers.



Our spring test stand is able to determine the characteristics of **leaf and coil springs**.

**Bogie repair** is possible, more specifically the straightening and measuring of bogie frames.

“SNCB has a skilled team with good communication skills who approach problems in a solution-oriented manner.”

INFRABEL

- + To examine the fatigue behaviour of wheelsets we make use of the renowned **Fraunhofer equipment**.
- + **Asbestos-containing paint** can be removed on site prior to repairs in our specially equipped facility.
- + We are specialised in the repair of roofs, doors, replacement of **tarpaulins** and far more.

**Tank maintenance** is performed on site in collaboration with a **third party**.

“Despite the fact that we have expanded overseas, Antwerp remains a major hub and therefore a good place to have maintenance performed. SNCB is also able to offer solutions to the most complex problems.”

Lineas



Antwerp-North has 12 **licensed brake testers** to perform brake tests according to VPI Br 3 or UIC 543-1 standards.



**Non-destructive testing** is carried out according to **DIN 27201-7 (VT, PT, MT and UT)**.





## Added value for our customers

### The SNCB Central Workshop in Mechelen

This partner workshop overhauls vital components such as wheelsets, brake controllers, distributors, AC3D units, load-proportional valves, etc., and can therefore maintain a permanent stock of spare parts.

The Mechelen Central Workshop is VPI certified for IL, IS 1, IS 2 and IS 3 wheelset revisions.

At this workshop, wagon components and wheelsets are maintained as part of a separate work order or as part of the maintenance at the wagon workshop. In the latter case, the logistical activities between the workshops are organised by SNCB.

### The SNCB mobile intervention teams

We offer mobile repair services from our locations in Antwerp, Ghent and Zeebrugge and repairs on location throughout Belgium.

Wheelset replacements (using a crane) and on track brake-testing can be performed. We also deliver maintenance tasks on customer request at terminals such as lubrication, replacing brake blocks, safety checks, etc.

### Zeebrugge repair track

The fast-repair tracks in Zeebrugge are an ideal location for wheelset replacements, UIC 543-1 brake testing and curative maintenance.



## The SNCB Wagon Maintenance Services are certified services

### Key certificates:

- EU 2019/779
- VPI
- DIN 15085-2
- DIN 27201-7 (VT, PT, MT and UT)
- ISO 9001
- ISO 14001

“We attach a lot of importance to no-nonsense, targeted discussions backed up with figures. SNCB supports this way of thinking so we can grow together.”

Lineas



**Our approach:**  
to listen and translate  
your needs and wishes for  
the maintenance of your  
wagons into an  
operational scenario

### Together we discuss the following:

- wagon type
- intervention type, including additional tasks if applicable
- leading technical rules, including additional input from the responsible ECM
- customised offer
- capacity booking further to commitment
- operational action plan (revision-scheme, lead-time determination, handover of specific technical instructions, minimum stock requirements, communication matrix,...)
- if applicable, performing a prototype
- agreements can be formalised in a SNCB wagon maintenance contract

“Problems are tackled professionally and in cooperation with the customer. SNCB also monitors overhaul due dates and stocks of spare parts and shares this information, so that we are able to act and prevent essential wagons from being taken out of service.”

ENGIE Benelux



From order to successful wagon release,  
we are at your service with advice and assistance.  
Together we solve any problem.

We prefer to meet you at the **workshop** where the overhaul is executed. Throughout our moments of alignment, you can rely on our **experts** to give you **technical advice** and **assistance** at all times. Agreements with third parties, e.g. concerning tank maintenance, can also be reached at the workshop.

Several **meetings** (on site or digital) are scheduled to **follow-up** the maintenance progress of your fleet.

We check that everything is being done in accordance with the planned maintenance programme. When a bottleneck (unexpected damage, etc.) occurs you will be informed immediately.



## SNCB ECM Wagons

### Wagon maintenance from A to Z

SNCB has been a maintenance expert for decades and is a certified Entity in Charge of Maintenance (cf. regulation 2019/779) carrying out the 4 ECM functions since 2011.

Our **chief priority** is making sure that the wagons under our responsibility can circulate safely. We ensure that your fleet complies with all European regulations and safety standards and guarantee maximum availability and reliability of rolling stock and components.

To limit your maintenance costs, we offer a **customised maintenance plan** based on the VPI-EMG regulations and our long experience regarding SNCB standards.

Our team can rely on a **design and engineering department** with technical experts certified for the various wagon components. Our user-friendly IT-platform enables us to manage, monitor, and control all maintenance related data.



## Contacts

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reverse

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### Customer Service

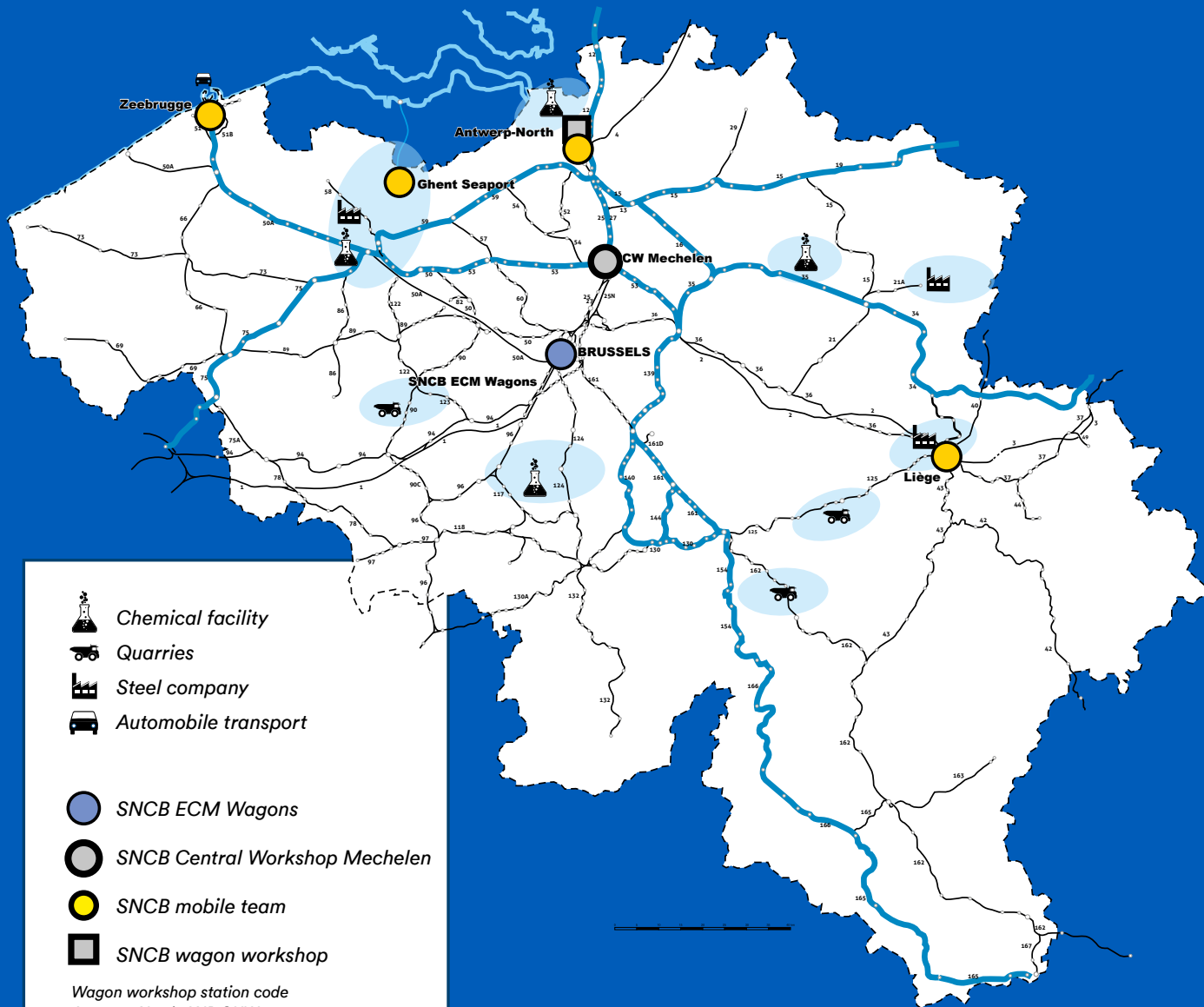
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### Mobile teams

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### ECM

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Chemical facility



Quarries



Steel company



Automobile transport



SNCB ECM Wagons



SNCB Central Workshop Mechelen



SNCB mobile team



SNCB wagon workshop

Wagon workshop station code

Antwerp-North ANB CHW 88.21005.4



Freight corridors



Railway lines

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