

The Digitalisation of the Belgian Railways

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- ✓ NMBS/SNCB
- Our challenges
- Digitalisation

253,4 miljoen

Binnenlandse reizigers

10.849

Reizigers-km

923.646

Reizigers/weekdag

3,14 miljoen*

Internationale reizigers

17,5 miljoen

Reizigers op doorreis in België (Thalys, Eurostar, ICE...)

3.672

Treinen per weekdag

350.720

Zitplaatsen

554

- personen met beperkte mobiliteit
- 151 met verhoogde perrons (76 cm)

73.694

Autoparkeerplaatsen (+774)

106.987

Stallingen voor fietsen (+ 4.351) Nieuwe fietsparkings gepland in 2020: Baasrode-Zuid, Zele, Brugge, Gent-Sint-Pieters, Gontrode, Landskouter, Lichtervelde, Heizijde en Oudegem

90,4%

Stiptheid

54,5%

van de treinen uitgerust met ETCS

66.7%

van de reizigers gaf NMBS een score van minstens 7 op 10, tegenover 60 % een jaar eerder

17.539

Voltijdse equivalenten

1.300

Aanwervingen

Fleet





- 850 motorrijtuigen
- 226 locomotieven
- 1.470 rijtuigen
- ± 4038 'kasten' & 350.720 zitplaatsen
- · 45% fleet ouder dan 25 jaar
- 46% fleet uitgerust met ETCS (2018)

Operations



- Cleaning: 375.000 uur per jaar
- Graffiti: 21.000m²/jaar → 4 voetbalvelden (!)
- Short term maintenance & Cleaning: zelfde grootteorde, uitgedrukt in aantal uren

Werkplaatsen

Centrale Werkplaats

Technische onderhoudspost Onderhoudspost

O Centrale werkplaats wagens Centrum herstelling wagens

Tractiewerkplaats







Stations waarvan

- 71 volledig uitgerust voor





Our ambition

As backbone of public transport, SNCB want to offer a sustainable and reliable solution for mobility in Belgium.

SNCB will focus on 3 core activities:

- 1. Getting travellers in a safe, punctual and comfortable manner to their destination;
- 2. Do the management, maintenance and modernisation of trains in an efficient and optimal way;
- 3. Guarantee a client friendly environment in functional stations.





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The challenge for liberalisation in national passenger transport



2007

Liberalisation of **freight &** cargo rail transport

2010

Liberalisation of **international** passenger rail transport

2020

Liberalisation of **national** passenger rail transport (not subsidized)

2032

Liberalisation of national passenger rail transport (not subsidized)

nmbs A broad spectrum of competition





Competition in rail

In "open access" Competition in public service



Some examples of competition











Competition in modality 1st & last mile

In the entire trip (alternative modi, like bus or car sharing)

POPP4











Plan & reserverations

and payment











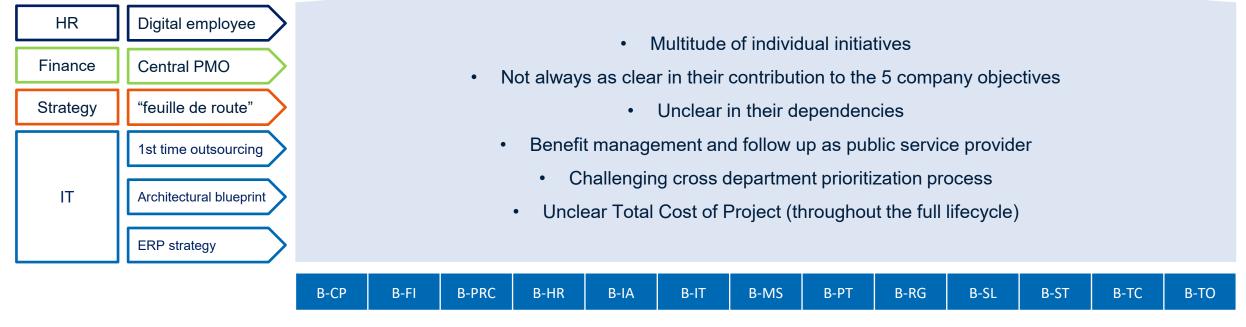


nmbs SNCB faces digitalisation challenges



The current budgeting process as well portfolio management process is strongly "silo" oriented, hard to prioritize and has a limited focus on benefit management. In that way it's not always clear which are the dependencies between initiatives or how they contribute to the 5 key objectives of SNCB







- ✓ NMBS/SNCB
- ✓ Our challenges
- ✓ Digitalisation

Digitization is not just about new technologies,



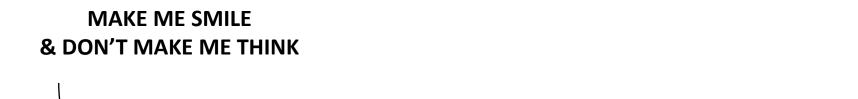
but requires an overhaul of organizational structures, governance, work processes, culture and mindset, while realizing a wider vision of new relationships and business models that will reinvent how we work and deliver better customer and employee experience.





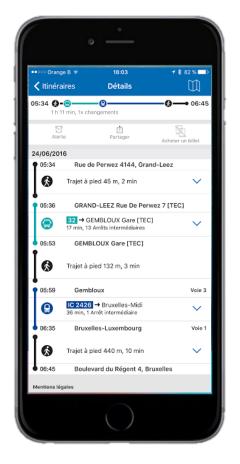
MODE

AGNOSTIC



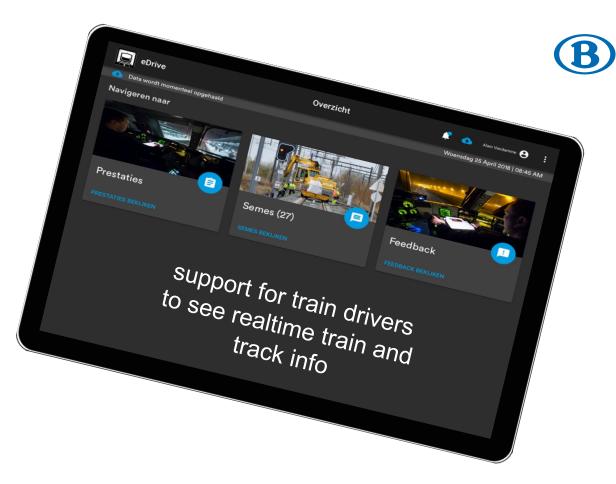
DIGITAL EXPERIENCE IS THE NEW WAY TO MOVE FOR SMART TRAVELERS

MAKE ME SMART & IN- CONTROL





support for train attendants to get a warning on imminent departure



support for digital tickets, which are stored in the user's MySNCB cloud account

The smartdevice plays a key role in our Digital Strategy



Go to www.menti.com and use the code 7508 3094

What do you want us to zoom in to?

Mentimeter

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The journeys to	The realized
get to	digitalization
digitalisation	journeys so far

Press S to show image

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nmbs SNCB's journeys and enablers





Guarantee A Great Door To Door



Operational Journey

Improve Operational Processes



Increase Employees Delivery' Capabilities









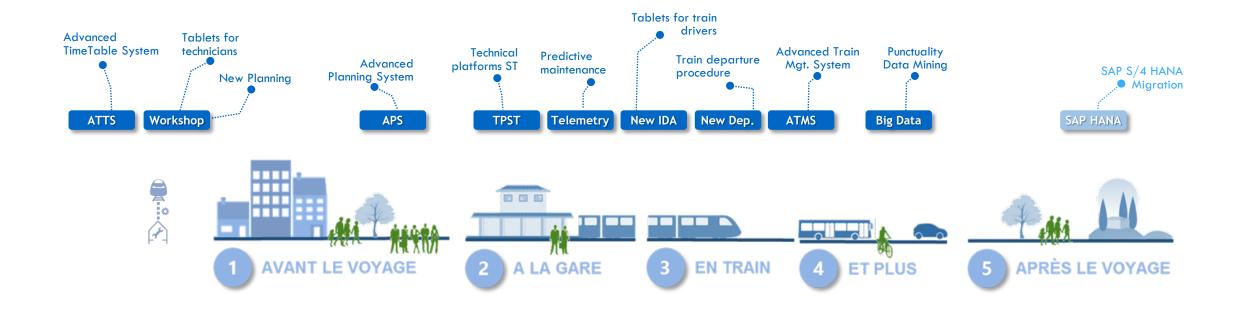


APRÈS LE VOYAGE

Operational Journey



Improve Operational Processes



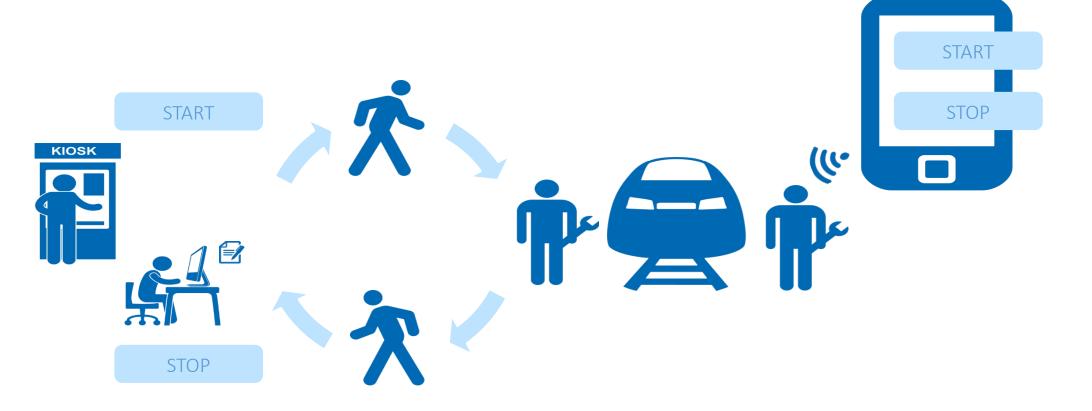


Operational Journey Tablet



AS IS Kiosk/Notif: from losing time

TO BE Tablets : to efficiency and quality



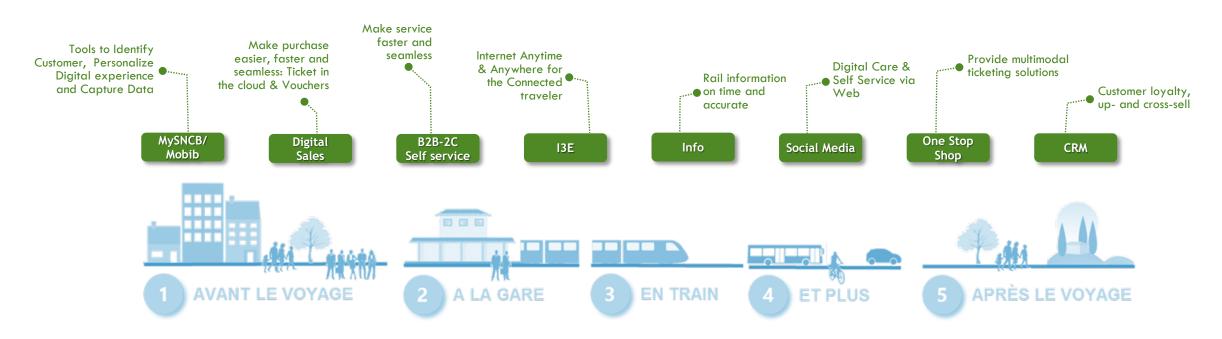
Customer Journey: The journey



Guarantee A Great Door To Door Customer Experience

Digital experience is the new way to move for connected travelers

It turns the train product into a personalized service



Employee Journey: My Working Day



