

Who are we?

STIB = Société des Transports Intercommunaux de Bruxelles



An integrated network

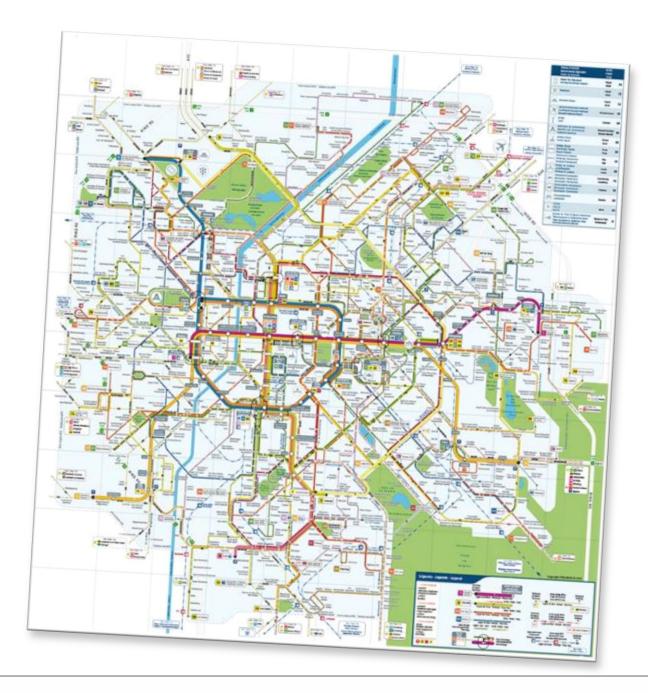
STIB

- Leading urban public transport company in Belgium
- > Operates an integrated network +/- 700km



An integrated network

- 4 metro lines
- 18 tram lines
- 50 bus lines
- 11 night bus lines





Our tram fleet











Location of our tram depots



BU Tram

- 7 depots
- 3 districts

District North-Center

- Haren
- Schaerbeek

District East

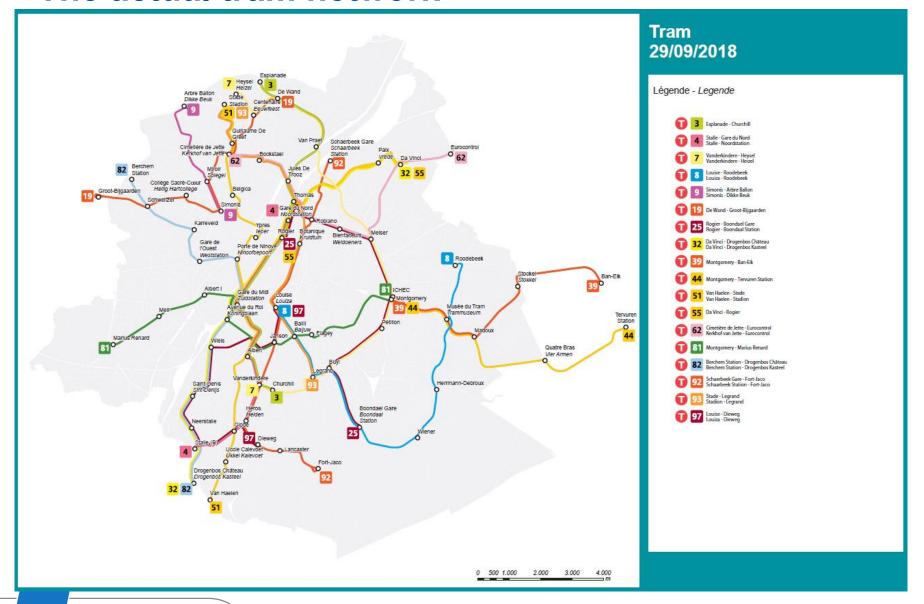
- Ixelles
- Woluwe

District South West

- Avenue du Roi
- Marconi
- Molenbeek



The actual tram network





General informations

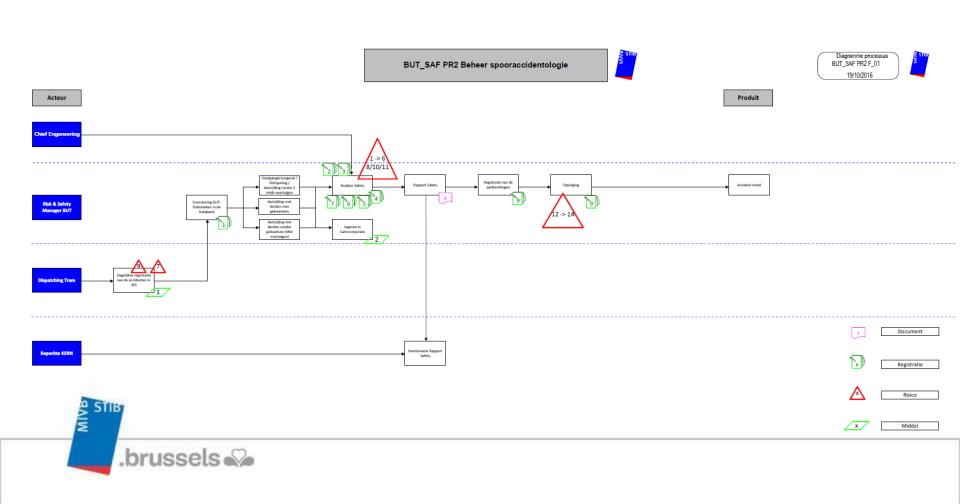
- 18 tram lines (4 Chrono lines 1 evening line)
- 281,8 km of tracks (70 % in segregated tracks)
- 12,1 km in tunnel
- 14,6 km premetro to operate 15 stations
- Operation of 742 stops overground
- Commercial speed of 16,1 km/h
- 14,8 millions realized kms to transport more than 144 millions of clients (±395.000 travellers a day)
- More than 300 trams on the network during rush hour





ISO9001/2015 certified

 Since 2016 the process to make a Safety Analysis of an accident is ISO 9001/2015 certified





• 18 Safety roadshows (February – May 2017)

2 hour safety presentation given to local staff of every depot

To install a total Safey Management by raising awareness of local staff

After Safety roadshow – safety department will work 1 day a month in one of the depots

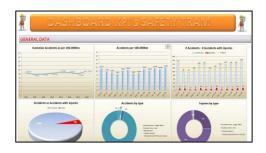
 Safety analysis of every accident with injuries & vulnerable roadusers



Dashboard KPI Safety

Dashboard with all safety KPI data up to date till previous month, contains:

- Accident rates as per month / depot / driver / line
- Number of collision as per seniority
- Compare lines



KPI on screens

Short safety messages are being looped on TV-screens in the room were the

driver has to present himself before taking his service



Accidents Ixelles



Safety movies

Each year a short movie is made in collaboration with the training department

E.g: difference in braking distance between maximum electrical braking and emergency braking



Cartocorp

Every single accident is being plotted on a map with the purpose:

- Determine hotspots
- Compare the situation before/after infrastructural changes
- Statistical analysis
- Quickly retrieve the number of accidents at any location







Safety messages

Short safety messages are being looped on TV-screens in the room were the

driver has to persent himself before taking his service



Cimetière de Jette Kerkhof van Jette

Filmed Roadbooks

Each line was filmed in both directions, this gives drivers the opportunity to

rediscover a line which they haven't performed for a while



Safety campaigns & flyers

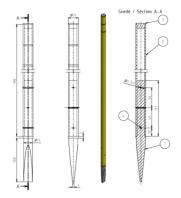


->Theme 2018: Hold yourselves

• ECHO 5 : 1 day/year practical training for each driver



- Risk assessment of risks while driving a tram
 - -> new bar to change manually the switch position



-> Safety Roadbooks





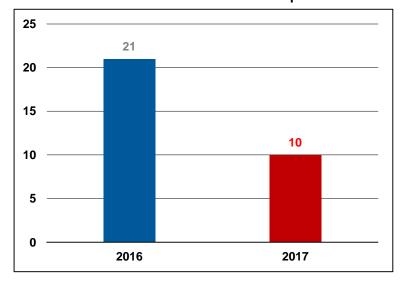
Generaal Meiser Plein



Installation of A49 trafic sign which starts blinking whenever a tram is approaching -> this reduced the number of accidents by half



Number accidents Meiserplein





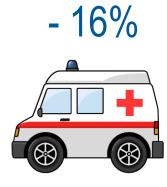


Results

Number of accidents with injuries diminished



2016: 102



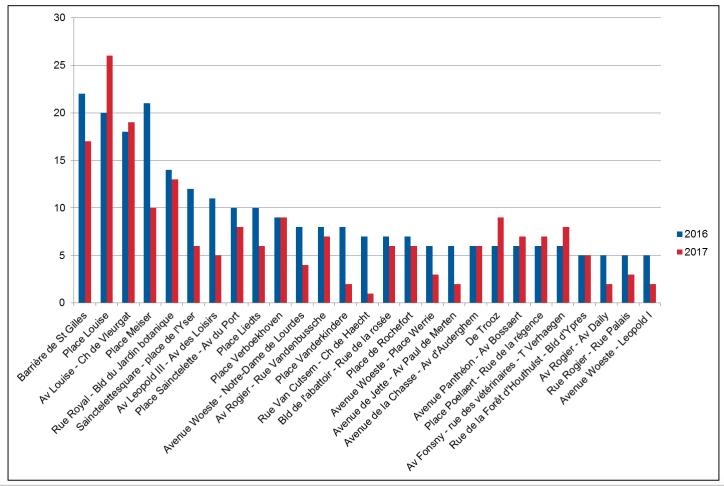
2017:86



Results

Less accidents at intersections considered as a

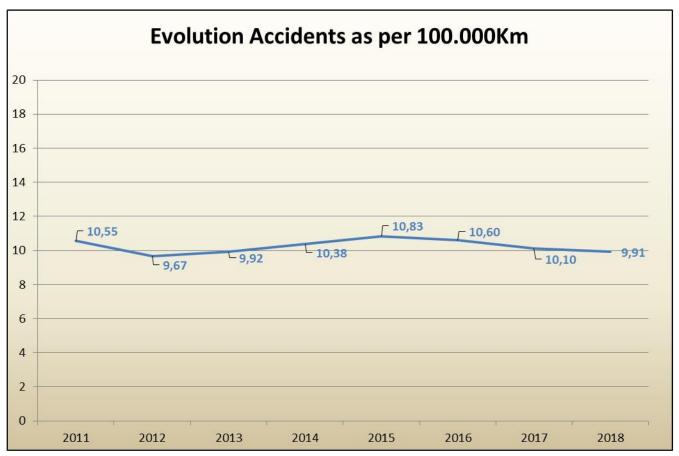
hotspot





Results

Evolution of accidents as per 100.000Km





The Future...



175 new trams

Equipped with an obstacle detection system

