



The Belgian Car-Pass system

GRSG Task Force on UN ECE R39 – 31 August 2023

The starting point

- Average annual registrations of secondhand vehicles in Belgium : 700-750.000 cars and LCV's
- Mileage fraud was a serious problem in Belgium twenty years ago:
 - Estimate based on data of the periodical technical inspection (PTI)> 60.000 new cases a year
 - Estimate value of the fraud: 150 – 200 million €/year
- Authorities and automotive professional associations joined efforts to create a comprehensive and adequate legal framework.



The Belgian act of 11/6/2004

*"Information that needs to be provided when
selling secondhand vehicles"*

Legal framework : stage 1 (federal act of 11 June 2004)

- Odometer fraud is a **criminal offence** sanctioned with severe penalties (up to 1 year imprisonment)
- Creation of a **central database** with the odometer readings of all M1 and N1 vehicles registered in Belgium
- All professional car dealers, repair shops, PTI stations,... are required to **transfer VIN number, odometer reading and date** when repairing, maintaining a vehicle or performing a PTI.
- The seller of a secondhand vehicle is obliged by law to **deliver a document showing the mileage history of the vehicle** to the buyer. If he fails to do so, the transaction is void.

Legal framework : stage 2 (amendment of 2018)

Objectives:

1. Make extra information about the secondhand car available to the buyer
 - Euro standard (source: MoT)
 - CO₂ emissions (source: MoT)
 - The need for a technical inspection after accident (source: automotive experts)
 - Outstanding recalls (source: importers/ OEM's)
2. Reduce fraud with imported cars
 - Obligation for importers/OEM's to share the mileage history of imported used cars
3. Prepare for the future
 - Obligation for importers/OEM's to share 4 odometer readings per year from connected cars

Legal framework : stage 3 (amendment of 2022)

- The legislative amendment allows the **Car-Pass data to be made available** (under strict conditions) for studies and research or statistical purposes. Use of the data for commercial purposes is prohibited.
- As of 1 January 2024, the garages and workshops will also be obliged to communicate **a description of the work** to Car-Pass > Car-Pass document will evolve towards a digital service book.

MoT : Ministry of Transport
PTI : Periodical Technical Inspection

MoT

- First registrations**
- VIN
 - 1st registration date
 - Brand, model
 - Euro x , CO2,...

78 stations PTI



Car-Pass documents



VIN + km + date

2024: description works

- New companies**
- VAT nr
 - name
 - address,...

Min.Economy



Car-Pass

Numéro du document:

6312-5553-0008

Valable jusqu'au: 02/05/2021

Prix (TVAC): € 8,90

Unique ID

Numéro de châssis: YV32XX2XXX2793193

Marque/Modèle: VOLVO XC60

Carburant: Diesel

Norme EURO: 6de

Émissions de CO₂ NEDC: 132 g/km

Émissions de CO₂ WLTP: 162 g/km

Contrôle après accident nécessaire: Non

Seules les expertises effectuées après le 01/03/2019 sont prises en compte.

Rappels à effectuer: Oui (1) Voir annexe(s)

Première mise en circulation: 17/05/2019

Première immatriculation en Belgique: 12/07/2019

General data about the vehicle

Pour plus d'infos, scannez le code QR:



Km	Date	Km	Date	Km	Date
37 613	01/03/2021				
21 422	17/07/2020				
19 388	28/02/2020				
2 462	09/07/2019				

Mileage history

Les données mentionnées sur ce document proviennent de tiers parties. Car-Pass asbl n'est pas chargée par la loi de vérifier l'exactitude et/ou l'exhaustivité de ces données. Veuillez lire attentivement les informations au verso.



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1200 BRUSSEL - BRUXELLES
België - Belgique
www.car-pass.be

The Belgian CAR-PASS system: in practice

CAR-PASS is a non-profit organisation authorised by Royal Decree, to manage the central database with the mileage recordings

All stakeholders are represented in the CAR-PASS board:

- Association of the car importers (FEBIAC)
- Association of the dealers, repair shops, ... (TRAXIO)
- Companies performing the technical inspection
- Associations of motor car users (Touring, VAB)
- Ministry of Economic Affairs
- Ministry of Transport

Car-Pass staff : 11 FTE

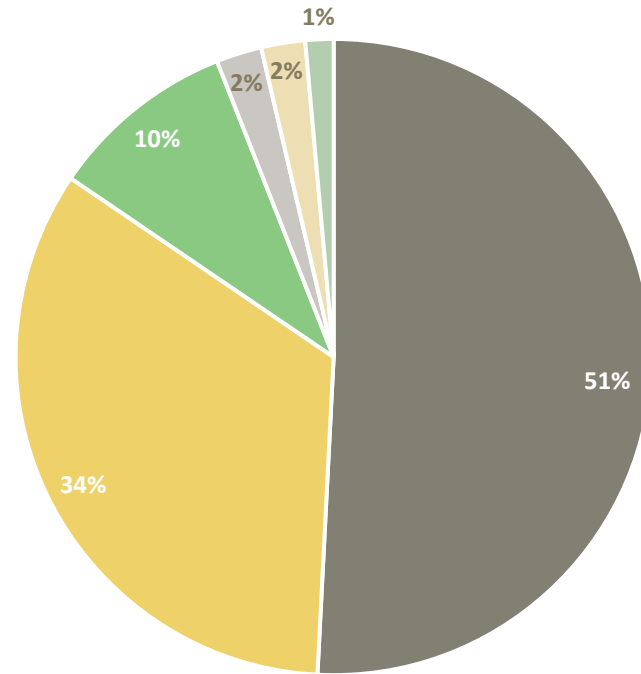
Cost-efficient and self supporting. Sale of this mileage certificate (€ 10,40) is the only revenue for CAR-PASS. No public funding.

Car-Pass mileage certificates are delivered by the technical inspection.

Facts & Figures (2022)

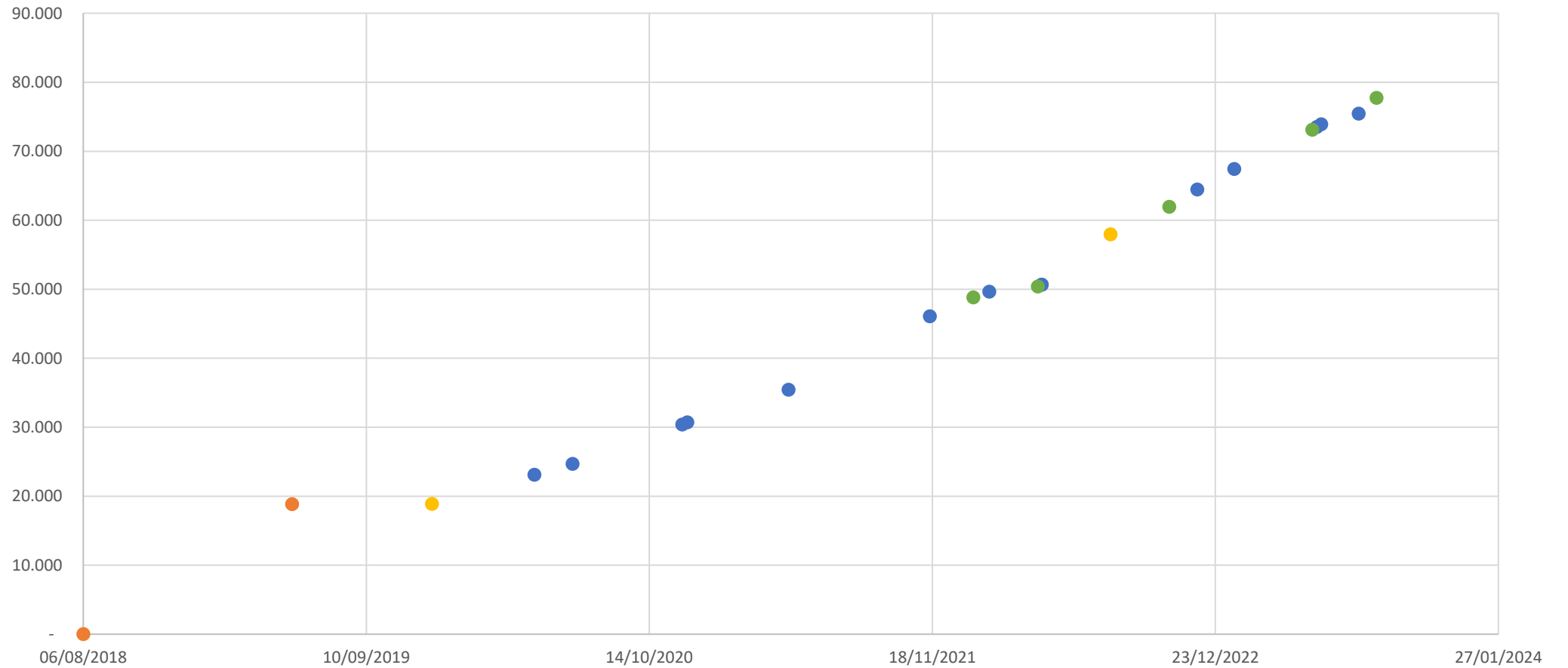
- Car-Pass documents issued : 760.262
- Odometer readings received : 17,9 million from 13.579 different sources

Data input by source (total 17,9 M odometer readings)



- Car Professionals
- Technical inspection
- OEM (connected cars)
- OEM (imported vehicles)
- Used Car Sellers
- RDW (imports from NL)

Ex. Mileage History - Mercedes C180 (2018)

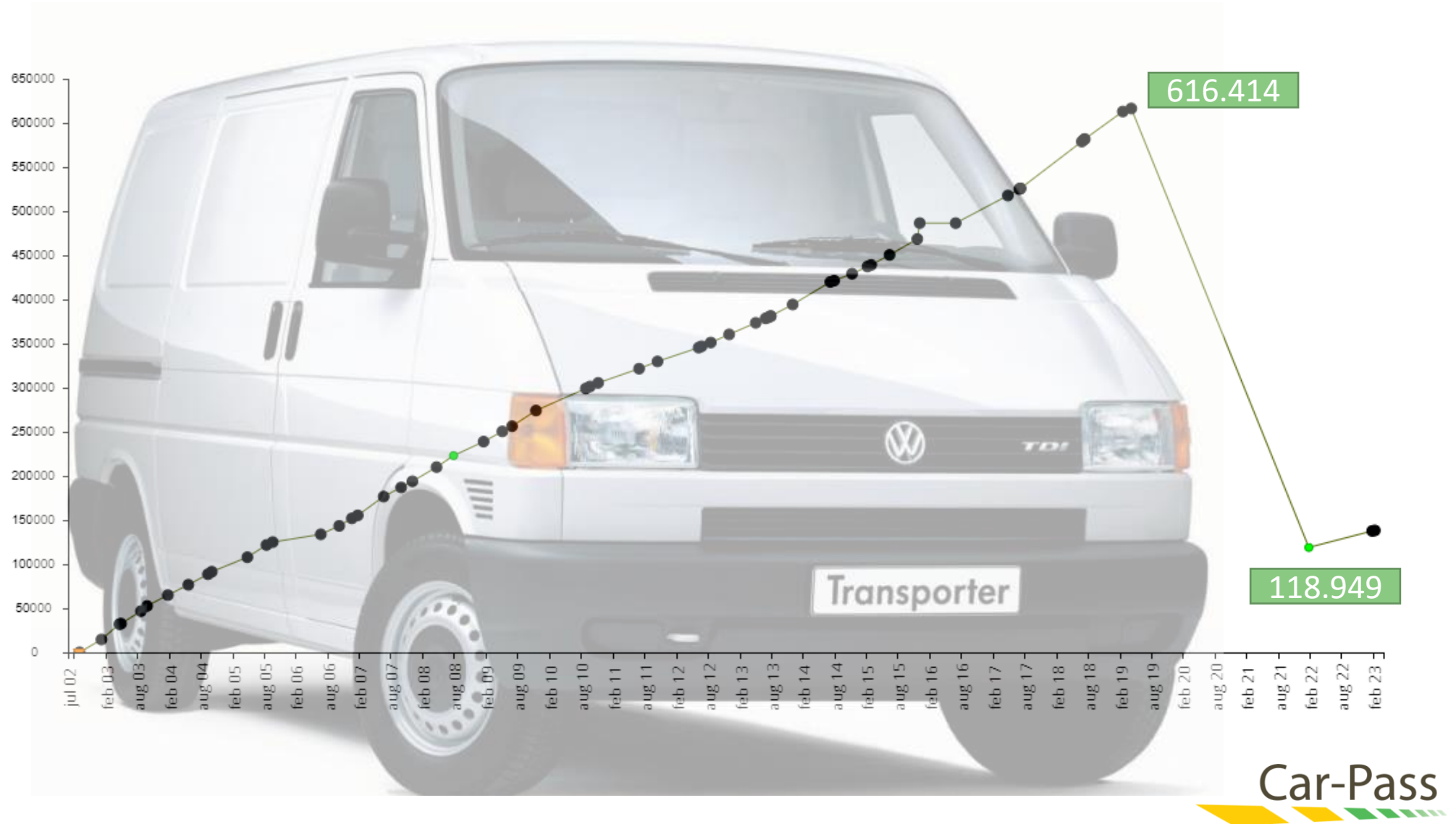


● RDW ● Technical Inspection ● Automotive prof. ● OEM (Connected Car)

The system has been very successful

- The Car-Pass model has proven its necessity in an effective way!
- Before the system was introduced, odometer fraud was a serious problem in Belgium with 60.000 to 100.000 cases a year
- In 2022, only 1.344 new cases of mileage fraud were reported (<0,2 % of used cars registered in Belgium).

Largest case of fraud in 2022





Mileage data exchange with EU countries

Mileage Registration

B - system

compared with

NL - system

The gathering and registration of odometer readings in the Netherlands is **almost exactly the same** as in Belgium.

Notable exception: Belgium has a legal obligation for OEMs to supply odometer readings.

Separate from the registrationsystem:

From 2016 both countries exchange the odometer readings

Result:

A decrease of the numbers of fraud-cases

Odometer readings are transmitted over the EUCARIS network

- NL
 - similar legislation as in B
 - Car-Pass and RDW exchange odometer data since almost 6 years
 - B > NL : 89.517 odometer reading for 9.661 vehicles (2022)
 - NL > B : 256.195 odometer readings for 15.004 vehicles (2022)
 - Cross border fraud has dropped from 17% to 2%
- SK
 - has also adopted a national anti tampering act installing a central odometer register
 - B>SK (Iris Ident): 700 odometer readings per month
 - Fraud %: 3,5%
- LV
 - Partner: Road Traffic Safety Directorate (CSDD)
 - B > LV : 400 odometer readings per month



Conclusions

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- Mileage fraud costs EU consumers billions of euros per year.
- It has a negative impact on road safety and the environment.
- There is definitely a need for a technical standard for odometers to reduce the risk of digital tampering
- As odometer readings are already registered by a lot of stakeholders, contracting parties could centralize these data in a national odometer register and exchange the with other countries when the vehicle is exported.
- In Belgium and the Netherlands a central mileage registration system has proven to be very effective in a short time and at low cost. It could be a source of inspiration

Thank you !

Questions?

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Car-Pass is an initiative from FEBIAC, TRAXIO and the companies certified for roadworthiness inspection in collaboration with the FPS Economy, SMEs, Self-Employed and Energy and the FPS Service Mobility and Transport and supported by Touring and VAB.

