

Getting a positive impact on working conditions by electrifying the fleet

Challenges and learnings

Branka Leskovšek, Adviser at Pošta Slovenije

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Key figures

About Pošta Slovenije Group

- ✔ over 7.800 employees
- ✔ over 450 post offices
- ✔ 100 % owned by Republic of Slovenia
- ✔ important player in Slovenian society
- ✔ one of leading partners of the economy
- ✔ provides universal postal service and legally determined accessibility of the postal network





Vehicle fleet e-mobility

➤ over 1.200 vehicles



819

Small delivery
vehicles



331

Delivery vans



91 + 23

Trucks + trailers

- around 2.000 two-wheelers
- one of the largest vehicle fleet in the country
- about 36 million kilometers per year
- about 3,5 million liters of fuel





Vehicle fleet e-mobility

- 2009 – implementation of first electric vehicles
- 2017 – intensive testing on all segments of delivery vehicles
- 4,6 % share of electric vehicles
- over 180 electric vehicles

50

Electric delivery
vehicles

70

Light electric 4-
wheelers and 3-
wheelers

65

Electric 2-
wheelers



With the introduction of electric vehicles we aim to

reduce emissions to
the environment

reduce the
noise

reduce costs of
the fleet

increase the
humanization of work

The biggest challenge at the moment present electric delivery vans. Although there are quite a few electric vans on the market that meet the requirements of our work, the prices are still very high.



Each vehicle is pre-tested before being introduced into the fleet, since we do not want only to change conventional vehicles with more environmentally friendly ones, but strive to introduce vehicles that are best suited to our work needs.

Testing of new vehicles
is a **permanent activity**

Fleet electrification strategy:

- replace one third of two-wheeled vehicles with electric four/three-wheeled vehicles
- replace at least a third of our delivery vehicle fleet in larger cities with electric ones





Safe driving and ECO driving

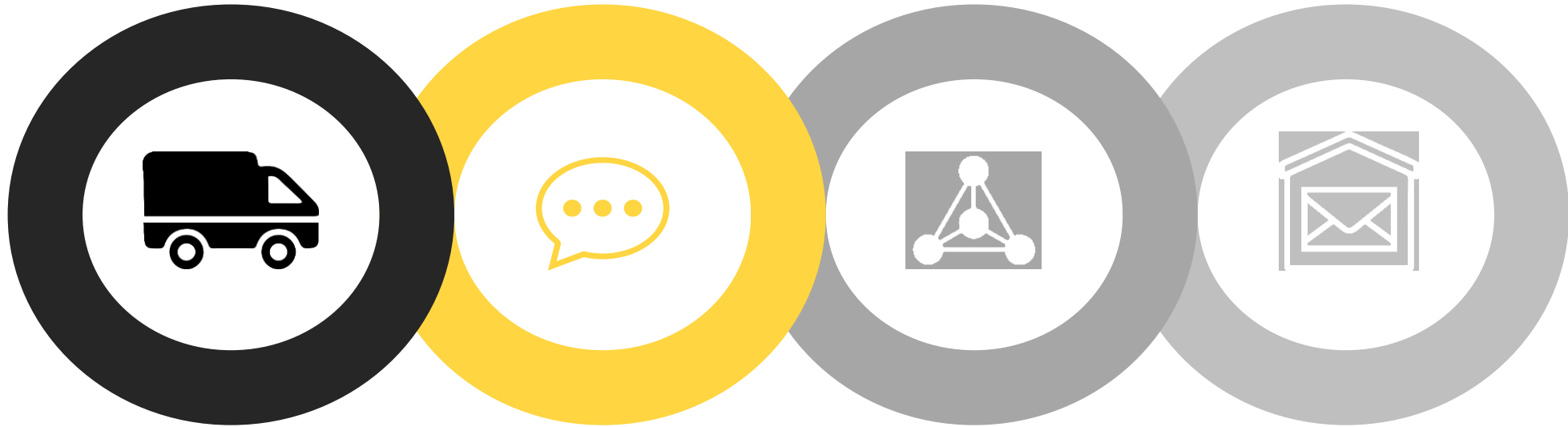
Much attention is paid to training employed drivers for eco-friendly driving, raising in this way also the level of employee awareness for environmental protection.

In 2019, we organized a course of safe and ECO driving for over 120 drivers of different types of delivery vehicles.





CHALLENGES WE FACE



The range of suppliers and established service networks is still not sufficient.

Cost effectiveness is sufficiently verified only in segment of smaller vehicles (replacement of motor bikes with light electric four-wheelers > less injuries and sick leave due to falls, time saving due to higher load capacity, charging at 220V).

In most locations, the charging infrastructure does not allow the rapid and widespread introduction of electric vehicles (limited wiring capacity, need for charging stations).

Lack of storage space for delivery vehicles.



infrastructural challenges



2019 – installation of first charging stations (22 kW); they are located mainly in areas where the largest numbers of electric vehicles are currently being used; meant solely for internal use by Pošta Slovenije, but in the long term we are not ruling out the installation of charging stations that would be accessible to other users, in cooperation with external providers of charging infrastructure



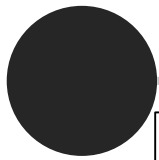
we conduct pilot projects with various charging infrastructure providers and cooperate with electricity distributors - all with the aim of establishing the charging infrastructure that our fleet actually needs





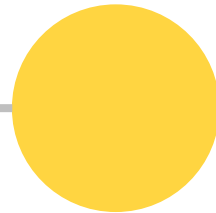
Guidelines in fleet electrification in the coming years

SHARE OF ELECTRIC VEHICLES



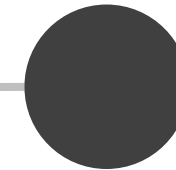
Increase from 4 %
share in 2018 on
46 % share in 2025.

FUEL CONSUMPTION



Reduction for its
means of transport
by 12 % compared
to 2018.

CARBON FOOTPRINT



Reduction by 14
% compared to
2018.

➤ replace one third of
two-wheeled
vehicles with electric
four-wheeled
vehicles

➤ replace at least a
third of our delivery
vehicle fleet in larger
cities with electric
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Thank you for your attention.