Environment

Transport & mobility

Migros is committed to climate-friendly goods transport. In 2017, it supported the development of future-proof logistics solutions, switched shipments from road to rail, and continued to promote electromobility.

Environmentally friendly goods transport is a key component of the **Migros Group's 2020 climate and energy strategy**. In order to achieve its ambitious climate objectives, Migros cooperates with research institutes, supports future-oriented projects such as Cargo Sous Terrain, and continues to make efforts to increase the proportion of rail shipments and reduce emissions of the lorry fleet.

Development of sustainable logistics solutions

In 2017, Migros formed a **partnership with the Swiss Federal Laboratories for Materials Science & Technology (Empa)** with the aim of expediting green solutions for the transport of goods, such as new drive concepts with low CO2 emissions.

As a founding member of the national generational project **Cargo Sous Terrain** (CTS), Migros made a commitment, among other things, to creating a positive basis for the launch of the legislative process at federal level.

From road to rail

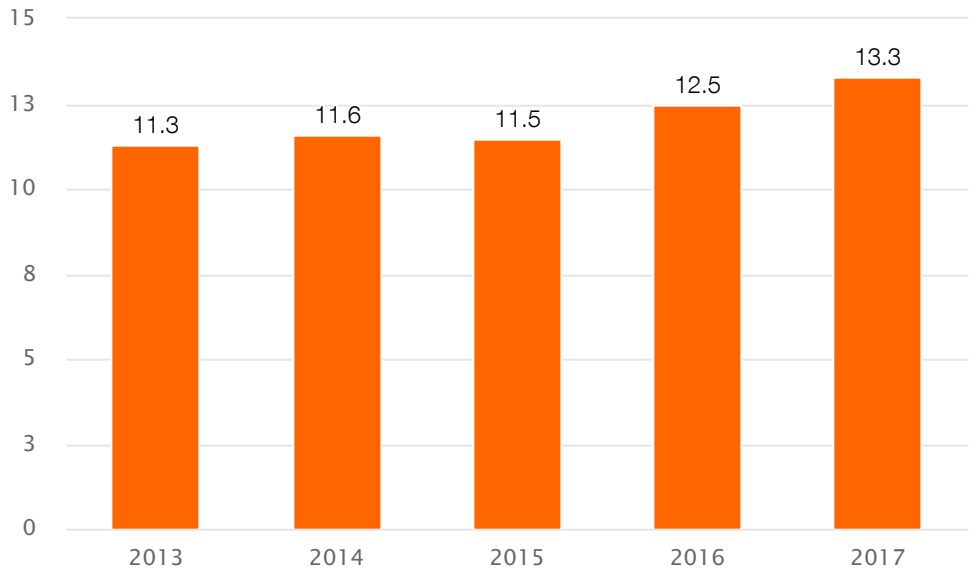
In 2017, SBB Cargo's goods wagons covered 13.3 million km in domestic freight traffic for the Migros Group. 1.4 million tonnes of freight was transported by rail.
Overview of progress:

Development of rail transport, Migros Group

Migros Group, rail transport kilometrage in CHF million [1]	**2013**	**2014**	**2015**	**2016**	**2017**	**Change from previous year**
Rail transport kilometrage	11.3	11.6	11.5	12.5	13.3	6.6%

1 Domestic transport by Cooperative Retailing, M-Industry and the retailers Globus and Migrol

Migros Group, rail transport kilometrage [1]



1 Binnenverkehr durch Genossenschaftlichen Detailhandel, M-Industrie sowie Handelsunternehmen Globus und Migrol

In Cooperative Retailing, Migros remains the **number one for rail freight** in terms of turnover. About half of all shipments between M-Industry companies and the national and regional Migros distribution centres are sent by rail.

In the reporting year, the Migros Cooperative Eastern Switzerland began the process of **switching all shipments to rail** that are sent from the Migros distribution centre in Neuendorf (MVN) to to the operations centre in Gossau (MVN). Before the switch, the share of rail was about 65%.

In 2017, the Migros Distribution Centre in Suhr (MVS) worked with SBB Cargo to make process changes in order to optimally control the flow of goods sent by rail. As a result, **rail capacity in the incoming goods department was increased by up to 43%** – this corresponds to about 240,000 additional pallets per year.

The Migros Group's total rail freight increased by 2'500 rail wagons in comparison with the previous year.

Resource-friendly lorry transport

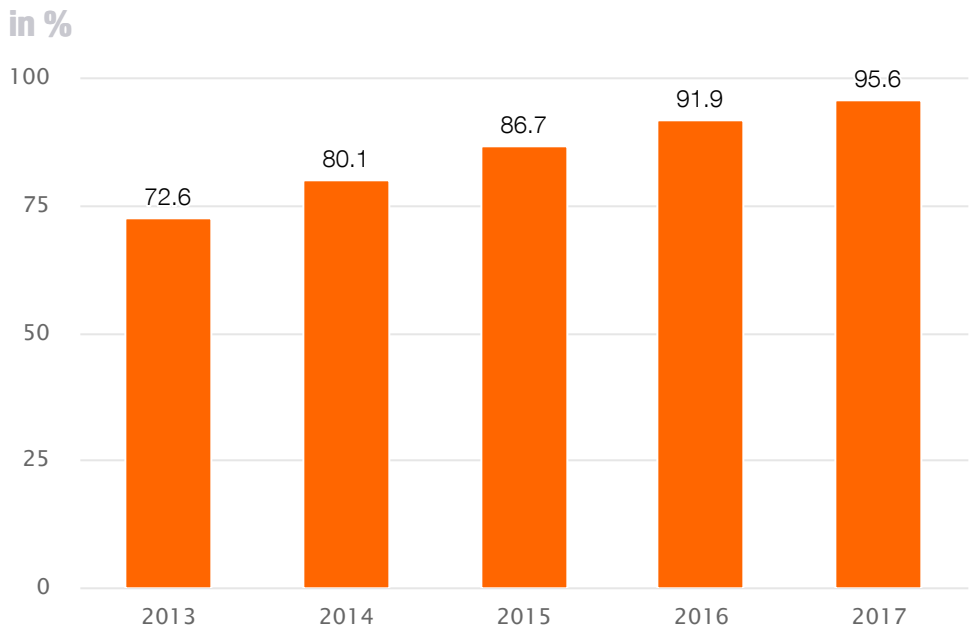
In 2017, 96% of kilometres driven (lorry fleet of the Migros Cooperatives and Saviva) were covered by low-emission lorries that meet the strict Euro 5 or Euro 6 emission standards. This enabled **carbon dioxide and fine dust emissions to be reduced** even further. With clever planning, fuel-efficient driving and use of "biodiesel" (fuel made from waste and by-products), CO2 emissions are also being cut continuously.

Development of kilometrage of low-emission lorries

Migros Group, kilometrage of Euro category lorries (in-house fleet) in million km [1]	**2013**	**2014**	**2015**	**2016**	**2017**	**Change from previous year**
Euro 2, 3, 4	8.2	6.1	4.2	2.6	1.4	-46.2%
Euro 5, 6	21.7	24.5	27.3	29.6	30.7	3.7%
Total kilometres by lorry	**29.9**	**30.6**	**31.5**	**32.2**	**32.1**	**-0.3%**
Proportion of Euro 5 and 6 (%)	72.6%	80.1%	86.7%	91.9%	95.6%	4.0%

1 In-house lorry fleets of the Migros Cooperatives, distribution centres and Saviva

Proportion of kilometres with Euro 5 and 6 [1]



1 Eigene LKW-Flotten der Migros-Genossenschaften, Verteilzentren und Saviva

CO2 emissions from goods transport with lorries

Migros Group, CO2 emissions from goods transportation with lorries (in-house fleet) [1]	2013	2014	2015	2016	2017	Change from previous year
CO2 emissions from fuel, absolute (in 1'000 tonnes CO2)	24.2	24.1	24.2	23.3	23.3	0.03%
CO2 emissions from fuel, specific (in g CO2/tonne kilometres) [2]	29.8	28.9	28.2	26.4	26.0	-1.25%

1 In-house lorry fleets of the Migros Cooperatives, distribution centres and Saviva

2 Tonne kilometres (tkm) according to HVF survey

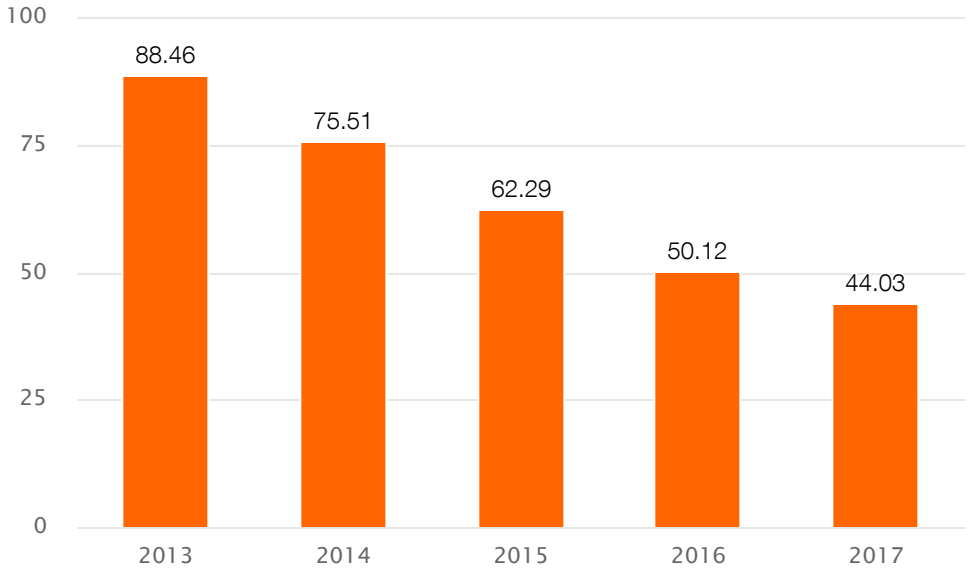
Carbon dioxide and fine dust emissions from goods transport with lorries

Migros Group, carbon dioxide and fine dust emissions in tonnes [1]	2013	2014	2015	2016	2017	Change from previous year
Nitrogen oxide emissions	88.46	75.51	62.29	50.12	44.03	-12.2%
Particle emissions	1.46	1.17	0.92	0.70	0.58	-16.4%

1 Calculated on basis of kilometres and Euro categories (in-house lorry fleet Cooperatives, distribution centers and Saviva)

Migros Group, carbon dioxide [1]

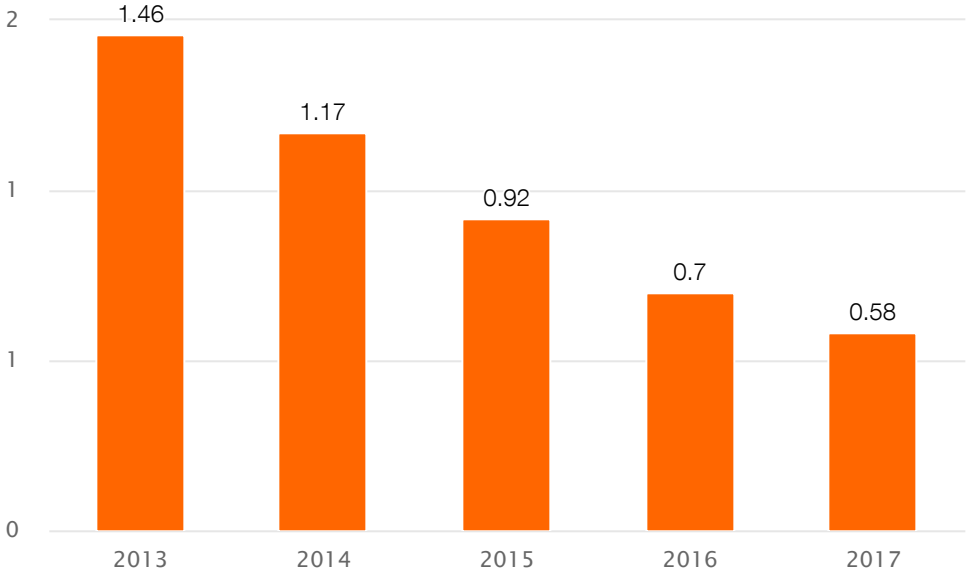
in tonnes



1 Berechnet auf Basis Kilometer und Euroklassen (LKW-Flotte Genossenschaften, Verteilzentren, Saviva)

Migros Gropu, fine dust emissions [1]

in tonnes



1 Berechnet auf Basis Kilometer und Euroklassen (LKW-Flotte Genossenschaften, Verteilzentren, Saviva)

Since the reporting year, Migros has been working with the Swiss Federal Laboratories for Materials Science & Technology (Empa) to expedite green solutions for the transport of goods. The aim is to conduct research into **new drive concepts with low CO2 emissions** in the coming years and develop a fleet strategy.

Combining research with practice helps Migros to switch its vehicle fleet to state-of-the-art **low-CO2 lorries**. At the same time, the Empa platform "move" benefits from Migros' hands-on experience and expertise.

In 2017, the Migros Cooperative Zurich acquired an **electric 12 t lorry** and thus took the first steps towards renewable solutions for the vehicle fleet. The second lorry will be put into operation this year. In order to optimise the use of the vehicle fleet capacity even further, Migros is collaborating with the online transport portal Pickwings. The formalities of the partnership will be agreed this year.

Migros invests in electromobility

Migros is committed to environmentally friendly private transport and is a proponent of electromobility. In the reporting year, it decided to expand its **network of parking spaces with electric charging stations** to 200 by the end of 2019. By the end of 2017, customers at 30 Migros branches were able to charge their e-cars at a total of 96 parking spaces. Migros therefore offers more publicly accessible charging stations for electric cars than any other Swiss retailer.