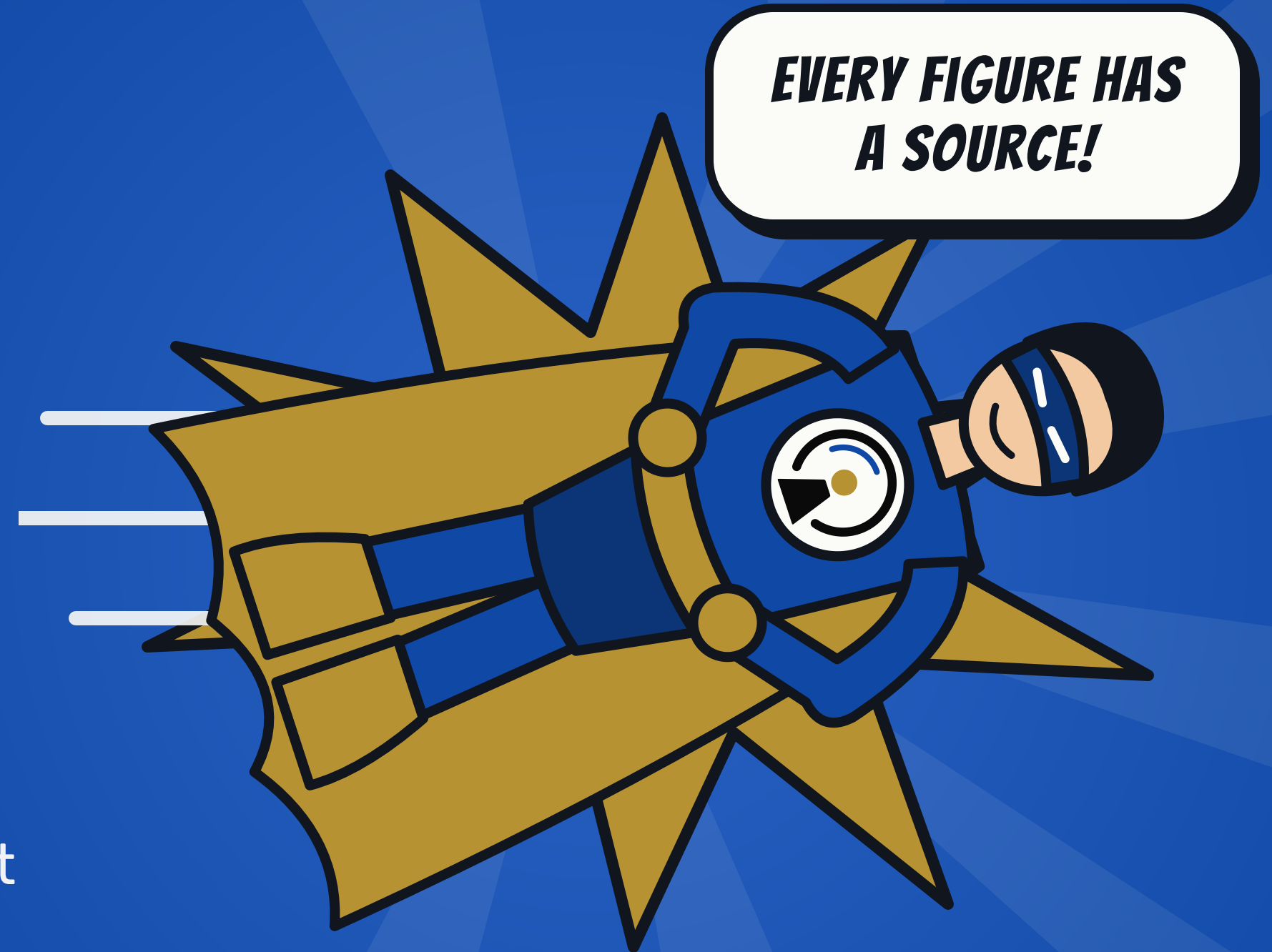


WATTRADAR PRESENTS

CHARGING IN SWITZERLAND

The market, the charging network and what
a kilowatt hour costs. As of October 2026.



ALMOST FOUR IN TEN NEW CARS PLUG IN

38,2 %

of all new cars registered from January to September 2026 have a charging socket, fully electric or plug-in hybrid.

In the same period last year it was 32,0 %.

66'294

new cars with a plug, **+22,7 %** on January to September 2025 (54'022).

45'010

of them fully electric. That is 25,9 % of all new cars.

THE PUBLIC CHARGING NETWORK IN THREE FIGURES

Locations

8'821

+919 in one year, +11,6 %

A location is an address, such as a car park.

Charging stations

18'874

+1'808 in one year, +10,6 %

A station is one charger. A location often has several.

Connectors

19'620

+368 in one year, +1,9 %

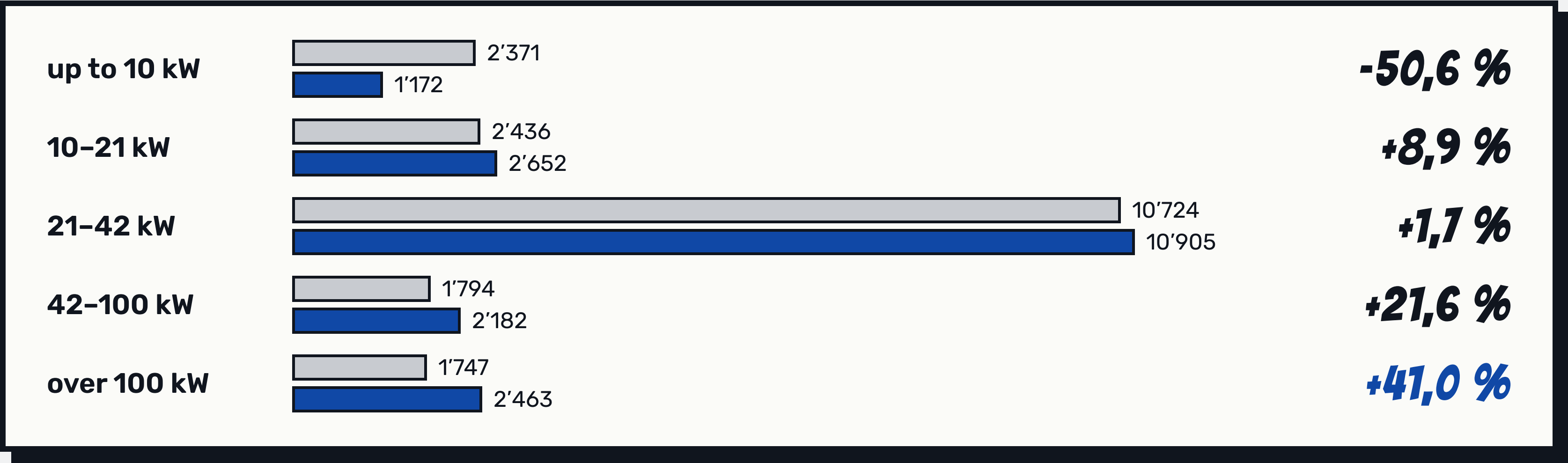
A connector is one socket where a car charges.

The three figures count different things and cannot be added up. When you read “charging points”, ask which level is meant.

Source: SFOE, public charging infrastructure indicators (ich-tanke-strom.ch). Monthly mean, August 2026 against August 2025.

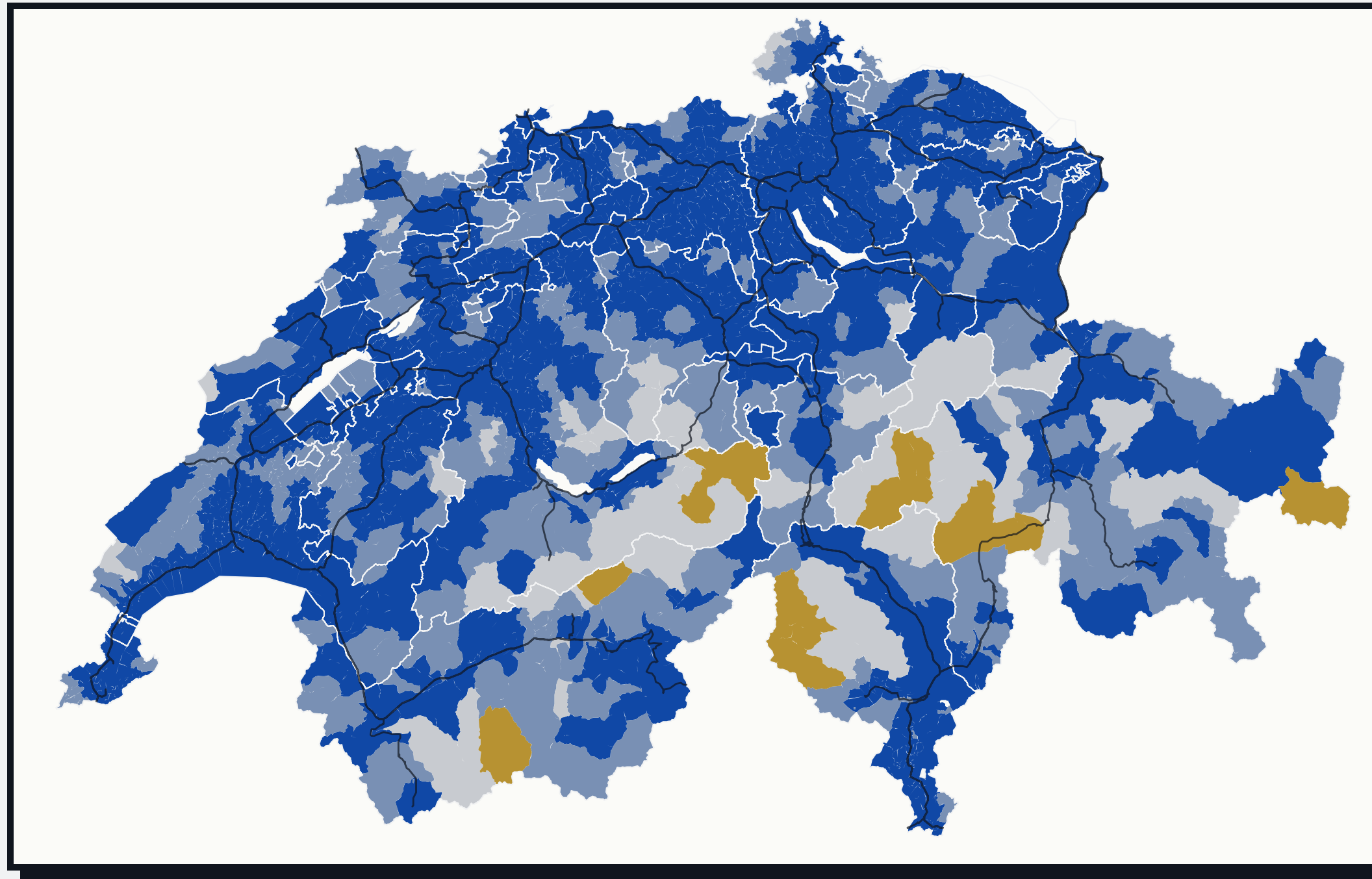
MORE FAST CHARGERS, HALF AS MANY SLOW ONES

August 2025 August 2026 Connectors by power class



Source: SFOE, public charging infrastructure indicators. Power classes count connectors, monthly mean for August.

THE NETWORK IS DENSE



90,1 %

of the population live within 5 km as the crow flies of the nearest fast charger. Within 10 km it is 98,7 %.

18,1 KM

is the longest distance from any national road to the nearest fast charger. The median is 1,4 km.

- up to 5 km
- 5 to 10 km
- 10 to 15 km
- over 15 km: 17 municipalities

Source: SFOE ich-tanke-strom.ch, 25.10.2026, fast chargers above 42 kW • swisstopo, FSO, FEDRO • distance from the municipal centre, as the crow flies

A FRIDAY AT THE CHARGERS

Peak at 12:36

2'830

charging points occupied at the same time. Of 17'846 points in service that is 15,9 %, a little more than one in seven.

17'455

charging sessions in one day, at least

47,5 %

of the points in service were used at least once

1'051

points out of service all day, 5,2 % of all reported

Session length, median

AC **159 min**

DC up to 150 kW **37 min**

150 kW and above **26 min**

HOW OFTEN A CHARGING POINT IS USED PER DAY

93,6 %

of all charging points average fewer than 3 sessions per day.

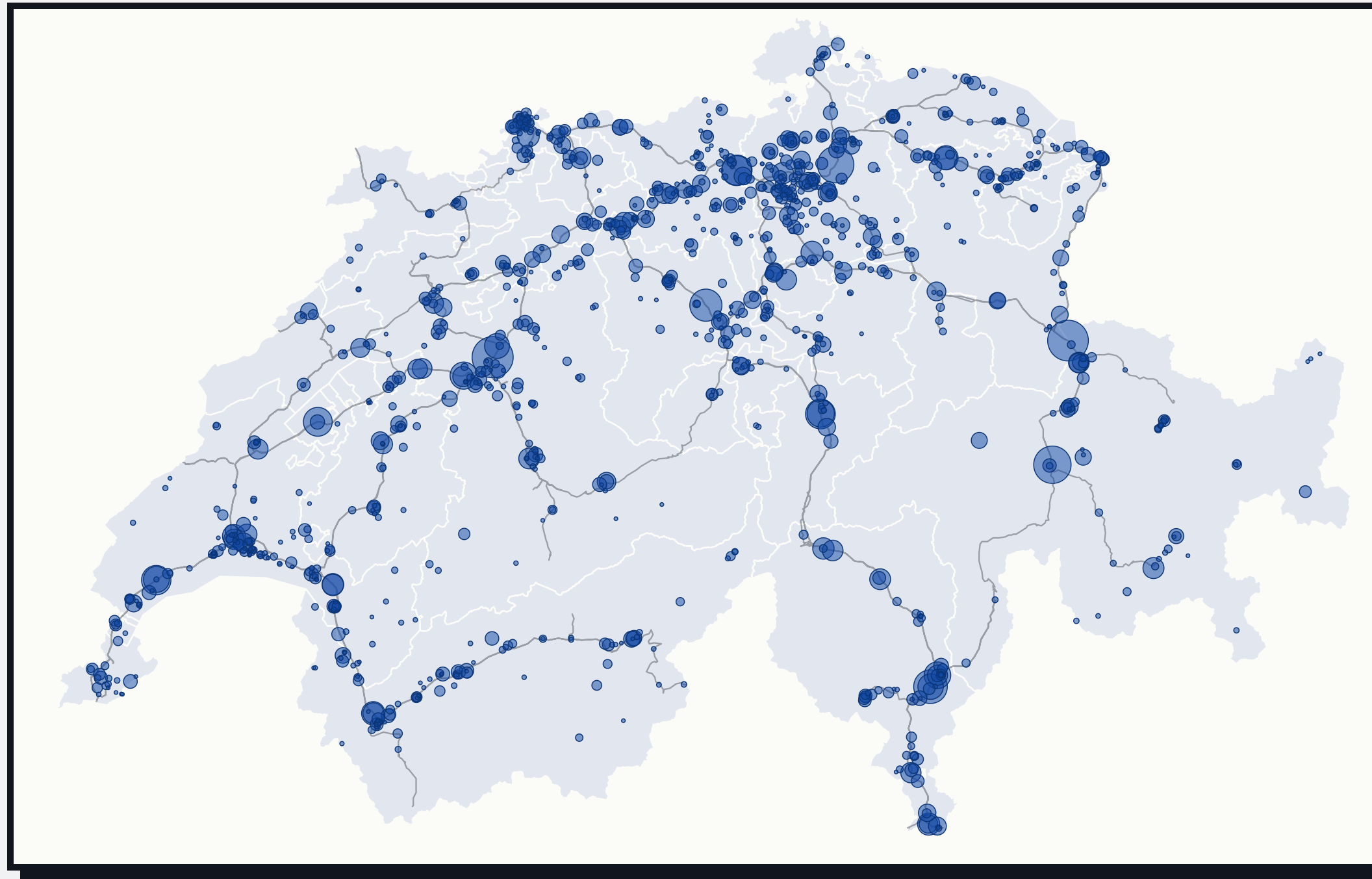
6,3+

sessions per day for the best 10 % of chargers at 150 kW and above. Top value: 19,0.

Sessions per day	Median	Top 10 %	none	under 1	1 to 3	3 or more
AC, 12'561	0,29	from 1,3	32,5 %	50,2 %	17,0 %	0,3 %
DC up to 150 kW, 2'498	1,14	from 3,3	17,7 %	27,7 %	40,8 %	13,9 %
150 kW and above, 2'043	1,71	from 6,3	27,0 %	12,2 %	26,7 %	34,1 %

Source: wattradar, own measurement from SFOE status reports, 10 to 16.10.2026. Points in service on all 7 days; average per day.

WHERE FAST CHARGING HAPPENS



83,2 %

of fast charging sessions take place within 2 km of a national road.

46,4 %

of all fast charging sessions happen at the 130 busiest locations, one tenth of the total.

Sessions per day

IONITY Grauholz BE **136**

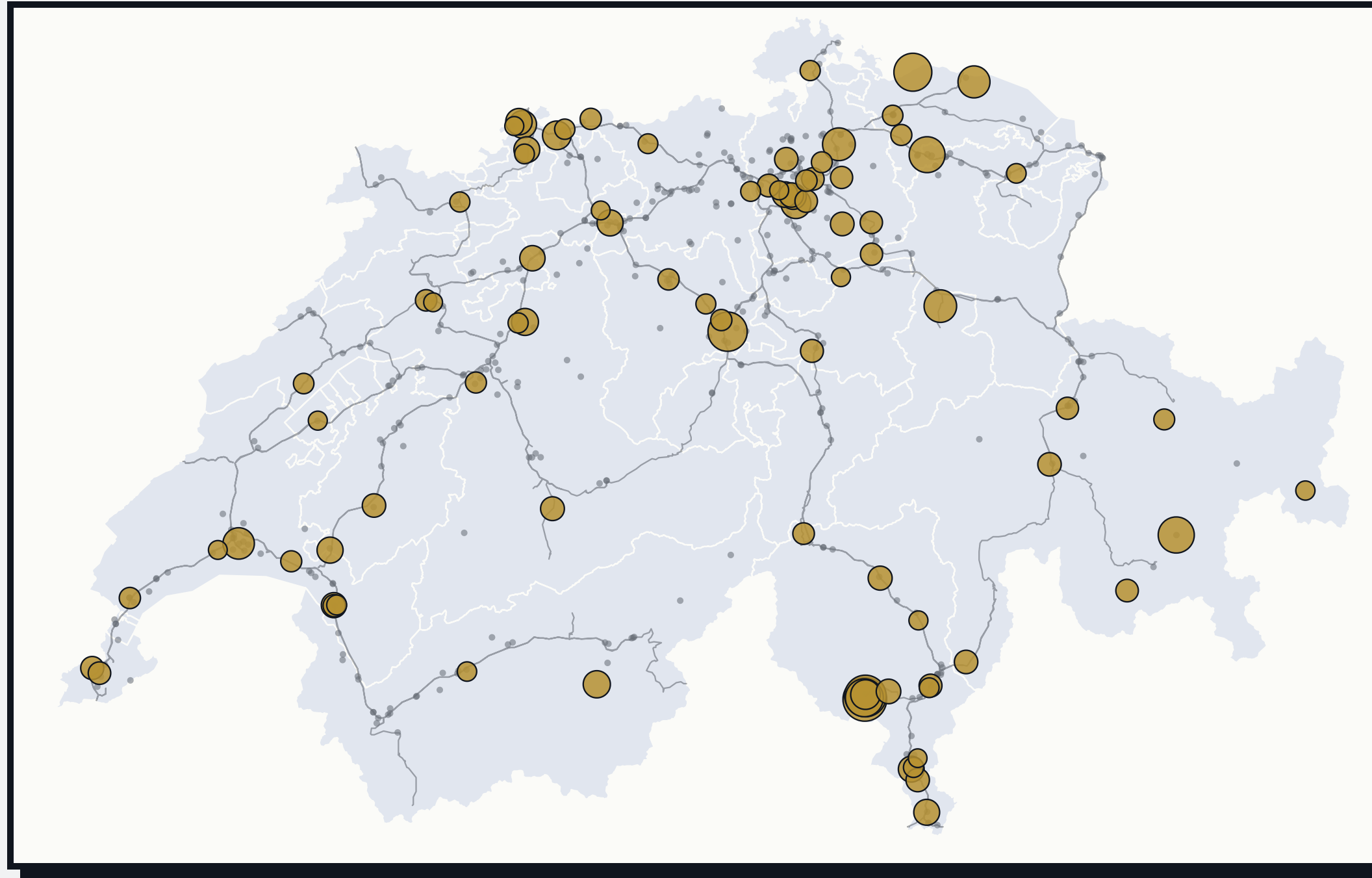
IONITY Heidiland GR **133**

JOYA Viamala, Thusis GR **112**

IONITY Kempththal ZH **106**

Source: wattradar, own measurement from SFOE status reports, DC sessions per location, average 10–16.10.2026. Circle area = sessions per day.

WHERE YOU HAVE TO WAIT



87

of 480 locations: all fast chargers occupied for at least 30 minutes a day on average. 37 of them for over an hour.

It mostly gets tight where there are only two fast chargers

Ascona, Lungolago: over 5 h a day

Lucerne, Winkelriedstrasse: 4 h

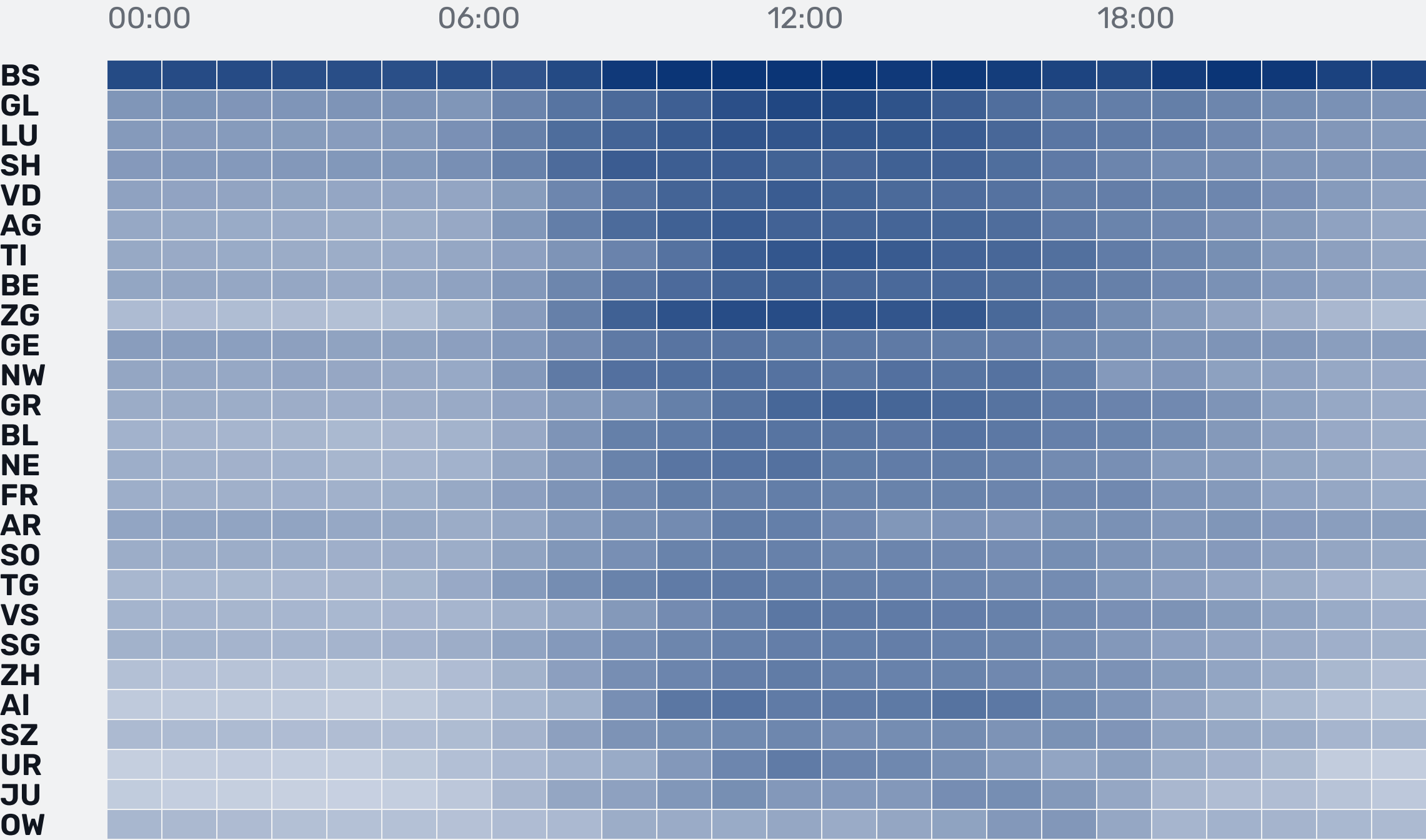
Samedan, Socar: over 3 h

IONITY Bellinzona Süd, 6 chargers: just under 1 h

These are the locations that matter for expansion: people already wait there today.

Source: wattradar, own measurement, 10–16.10.2026. Locations with at least 2 fast chargers and 5 sessions a day. Gold = at least 30 min without a free charger.

WHEN AND WHERE IT GETS TIGHT



20,6
13,5
13,3
12,9
12,0
11,8
11,8
11,7
11,2
11,1
11,0
10,9
10,3
10,0
9,9
9,9
9,7
9,5
9,5
9,4
8,7
8,5
8,4
7,2
6,9
6,9

15,2 %
occupied at noon, the peak of the week

1,1 %
occupied at 4 a.m.

Right: weekly mean in %. The darker, the fuller; darkest cell from 22 %.

Source: wattradar, own measurement, 10 to 16.10.2026. Occupied points as a share of free and occupied ones, by canton and hour.

IDLE AND OUT OF SERVICE

No session for more than 3 days

6'222

charging points in service without a single measured session from 13 to 16.10. That is 35,6 % of all points in service.

5'061 AC, 570 DC up to 150 kW, 588 at 150 kW and above.
5'756 of them reported "free" the whole time.

Out of service for more than 2 days

991

charging points reported "out of service" at every query from 14 to 16.10., including 188 fast chargers at 150 kW and above.

817 of them were out of service on all 11 measured days since 06.10.

No measured session does not prove that nobody charges: some operators do not report status continuously. Another 1'335 points reported no status at all for the whole week.

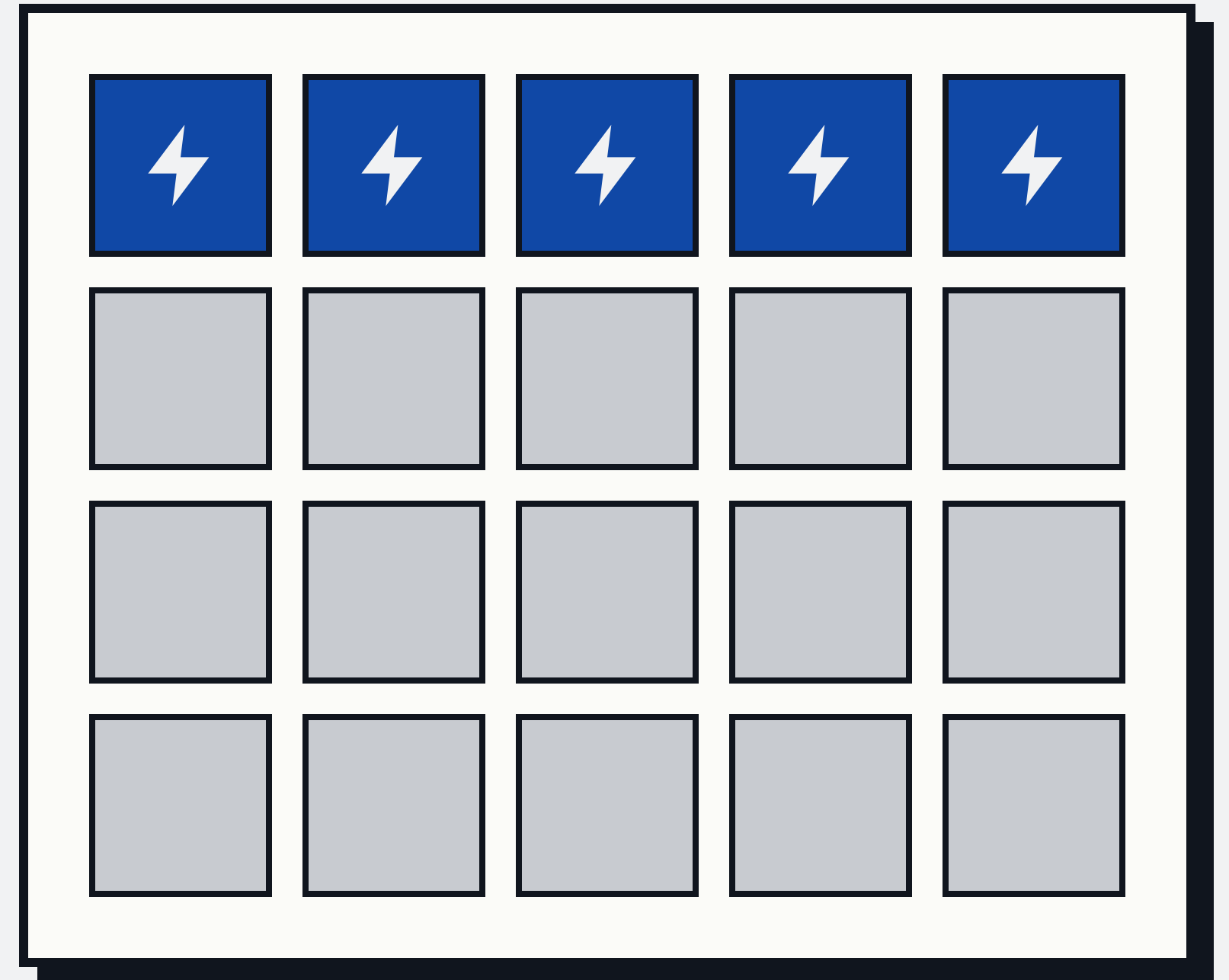
Source: wattradar, own measurement from SFOE status reports every 3 minutes, 06 to 16.10.2026. Count of charging points, not stations.

ONLY ONE LOCATION IN FOUR STATES ITS PRICE

25,0 %

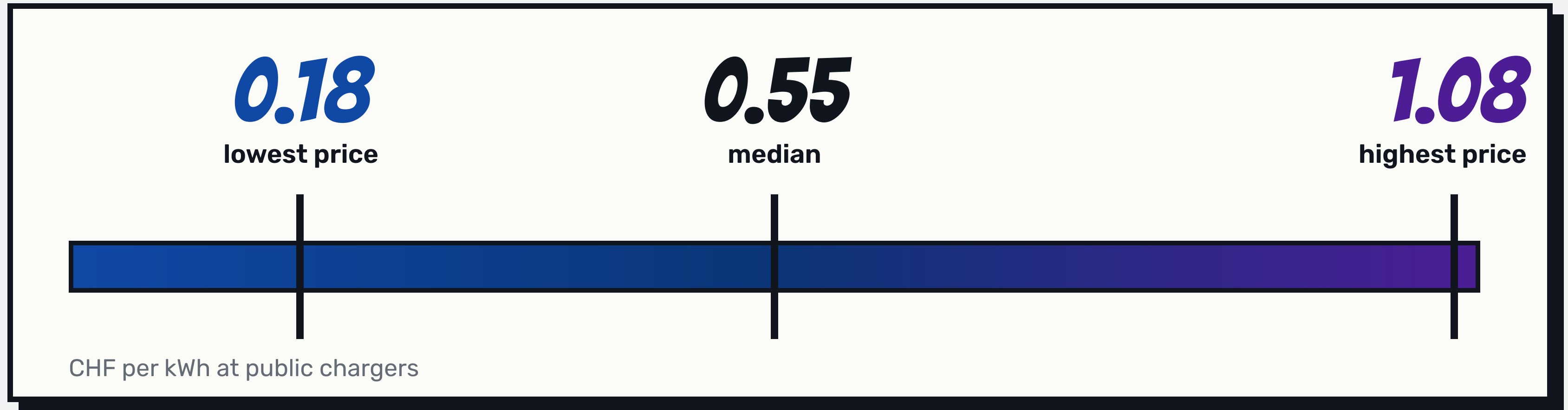
2'308 of 9'236 charging locations report a price per kilowatt hour to the Swiss eMobility price map.

785 of them (34 %) also charge per minute, 59 charge a start fee.



Source: Swiss eMobility price map, via the SFOE export ich-tanke-strom.ch. As of 17.10.2026. Blue = with price, grey = without.

THE SAME KILOWATT HOUR AT SIX TIMES THE PRICE



At the median of CHF 0.55, half of the locations with a price are cheaper and half are more expensive. Charging at the most expensive charger costs six times as much as at the cheapest.

Source: Swiss eMobility price map, 2'308 locations with a kWh price, as of 17.10.2026. Reported 0.00 values do not count as a price.

WHAT 12'000 KILOMETRES A YEAR COST

At home, wallbox



CHF 679

27,07 cts/kWh + VAT, with 6,9 % charging loss

Public, median



CHF 1'188

CHF 0.55 per kWh, charging loss not measured

Petrol car



CHF 1'652

6,8 l/100 km at CHF 2.02 per litre



EV 18 kWh/100 km. Sources: ElCom H5, median effective price 2026 • Swiss eMobility 17.10.2026 • machelo 16.10.2026 • ADAC charging losses



WHERE YOU CHARGE DECIDES HOW MUCH YOU SAVE

CHF 973

less per year than petrol if you
charge at home on a wallbox

CHF 464

less if you only charge in
public at the median price

Based on 12'000 km a year; figures and calculation on the previous slide.

THREE FINDINGS



Nobody needs to get stranded

90,7 % of the population live within 5 km of the nearest fast charger. On the national roads it is nowhere more than 18,7 km.



Expand where people wait

At 87 locations all fast chargers are occupied for at least 30 minutes a day, mostly where there are only two. On top of that, 17 municipalities lie more than 15 km away.



Disclose prices

Only 25,0 % of locations report their price, and between CHF 0.18 and 1.08 per kWh there is a factor of 6.

FOUR THINGS TO CHECK BEFORE YOU CHARGE



The price before you plug in

Between CHF 0.18 and 1.08 per kWh there is a factor of 6. Reported prices are on the map at wattradar.ch/en.



Count the per-minute fee

34 % of the locations with a price also charge per minute. Slow charging gets expensive there.



Wallbox, not a household socket

The ADAC measures 14,2 % charging loss at a household socket and 6,9 % at an 11 kW wallbox.



Know your electricity tariff

Depending on the municipality, household power costs 9,49 to 42,76 cts/kWh + VAT (ElCom 2026, profile H5).

SOURCES AND ASSUMPTIONS

Data	Source	As of
New registrations	auto-schweiz, ASTRA/IVZ register	30.09.2026
Charging network	SFOE, public charging infrastructure indicators	mean Aug. 2026
Occupancy	wattradar, own measurement from SFOE status reports, every 3 minutes	06–16.10.2026
Maps	swisstopo municipal boundaries, FSO population, FEDRO national roads	01.10.2026
Charging prices	Swiss eMobility price map, via SFOE ich-tanke-strom.ch	17.10.2026
Household power	ElCom, tariffs 2026, profile H5, effective price excl. VAT	07.10.2026
Petrol	machelo, daily mean unleaded 95 from reports at the pump	16.10.2026
Charging losses	ADAC, charging loss measurements, Germany	06.08.2026

Assumptions: 12'000 km a year, EV 18 kWh/100 km, petrol car 6,8 l/100 km, as in the total cost calculator on wattradar.ch.
Not included: depreciation, insurance, tax, servicing.

UPDATED DAILY ON WATTRADAR.CH

Charging

Radius search, price map and what a kilowatt hour costs

wattradar.ch/en/charging →

Live occupancy

Where people are charging right now and where no fast charger is free

wattradar.ch/en/charging-occupancy →

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