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# **Investment Highlights**

Fastned is the leading European public DC charge point operator (CPO) with an expansion strategy focused on top-tier, high traffic locations

European leader in public DC fast charging at high traffic locations	<ul> <li>1,000 stations in 2030</li> <li>Unparalleled track record at the public tender line</li> <li>Proven &amp; expanding private location strategy</li> </ul>
Best positioned to both capture and enable the tailwind of BEV adoption	<ul> <li>BEV adoption to 5x by 2030</li> <li>&gt;30% market share for public fast charging</li> <li>Larger, faster batteries enabling more sales</li> </ul>
Best-in-class and most recognisable charging concept, managed in house	<ul> <li>A charging network EV drivers know is reliable</li> <li>Highest customer satisfaction scores</li> <li>Outperform competitors 4x at shared locations</li> </ul>
Market-leading station economics and business model	<ul> <li>Capex efficiency from in house construction</li> <li>Operational EBITDA margin &gt;40%</li> <li>Pricing flexibility from superior business case</li> </ul>
Mission driven management with ESG at the core of everything we do	<ul> <li>Thought leader in charging &amp; BEV transition</li> <li>Displacing CO2 emissions by enabling EV adoption</li> <li>Actively manage scope 1, 2 &amp; 3 emissions</li> </ul>



#### **Our mission**

Accelerate the transition to electric mobility by giving freedom to electric drivers

## Our goal

A European network of 1,000 large stations

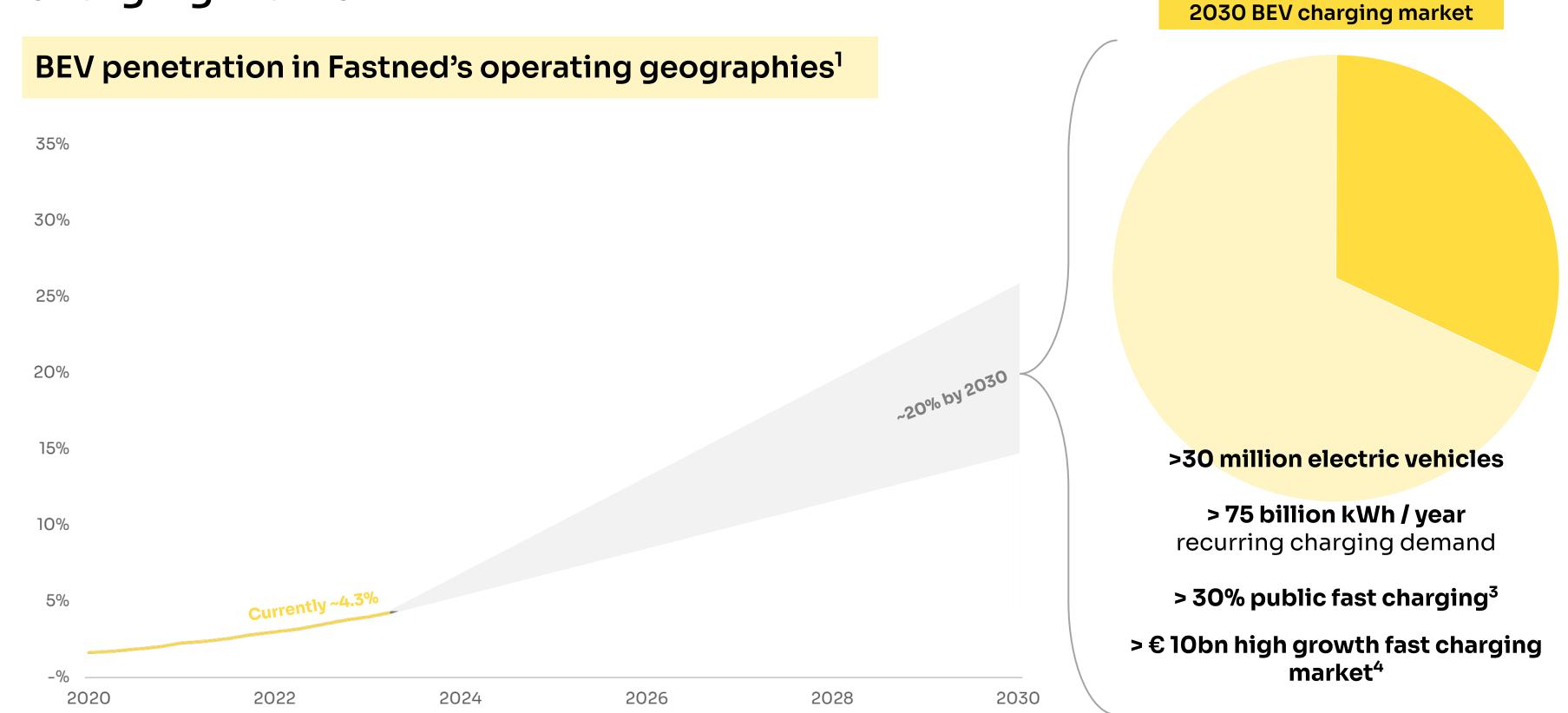
## Our climate impact

With every kWh sold we displace fossil fuels burning into the atmosphere





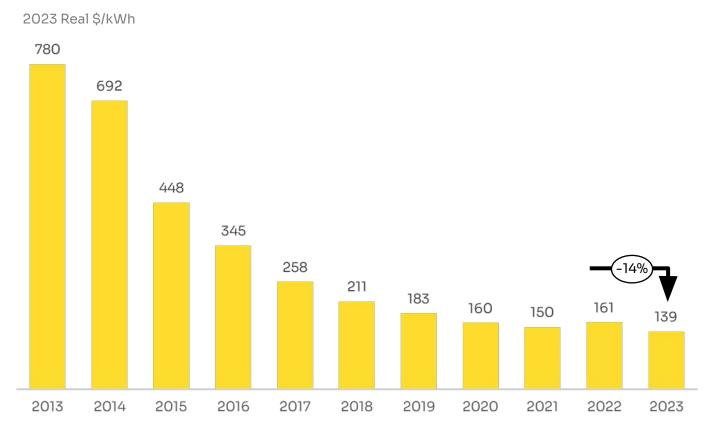
BEV fleet is scaling: creating a large, high growth fast charging market



# Long term BEV growth drivers in place

- Government incentives due to CO2 reduction targets
- Increasing supply of BEVs
- Battery technology advancements
- Growing consumer preference
- Increasing charging speeds & better infrastructure

# Battery prices are continuing to fall following transitory price increase in 2022<sup>1</sup>...



#### ... with continued price reduction expected in 2024



Source: BNEF

BOOM! EVs Win!

## Who is leading the charge?

Top 10 players in the Western European public fast charging market<sup>1</sup>

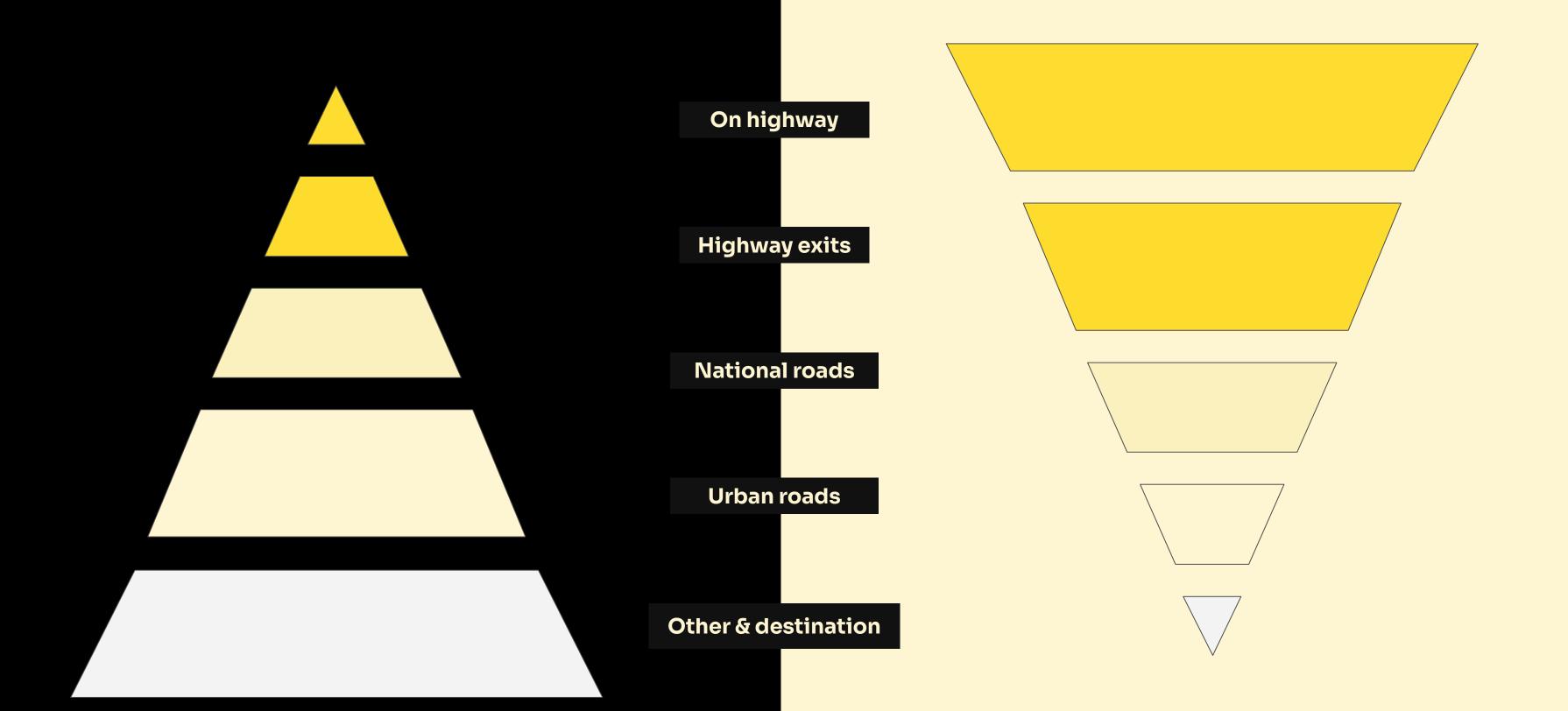


Туре	Overall sales	Sales / location	Main location strategy
OEM	High	High	Off highway - navigation pull
Pure play	High	High	Highway / high traffic roads
Utility	High	Low	Parking lots
ОЕМ	High	High	Highway / high traffic roads
Oil major	Medium	Low	Adding chargers - on/off high traffic roads
Pure play	Medium	Low	Off highway
Pure play	Low	Medium	Highway / high traffic roads
Utility	Low	Low	Parking lots
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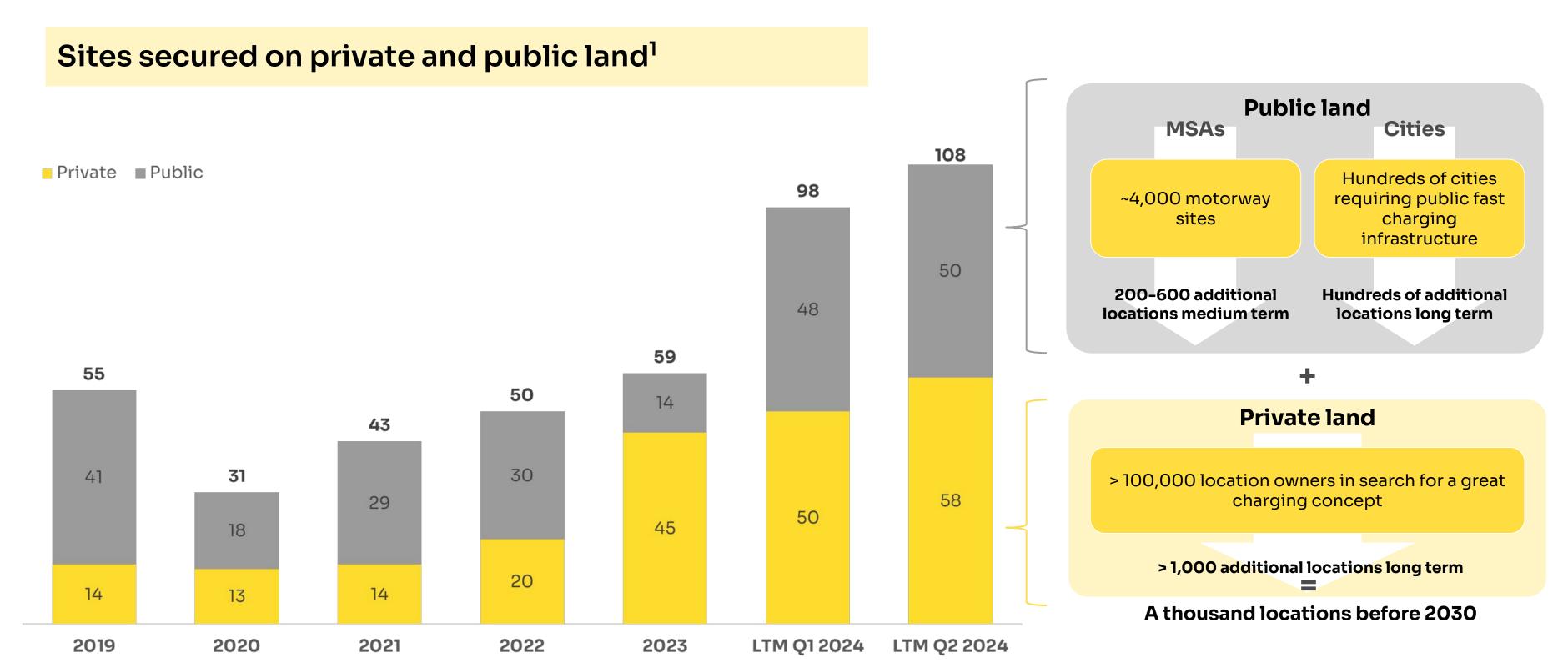
- Fastned ranks among the top 3 fast charging companies in Western Europe
  - Leveraging high sales per location - due to high traffic location strategy & great concept
  - Despite having 4x less locations than some market participants
- High sales per location lead to:
  - High customer satisfaction & utility
  - Efficiencies (cost & utilisation)
  - Great business case

# Location availability

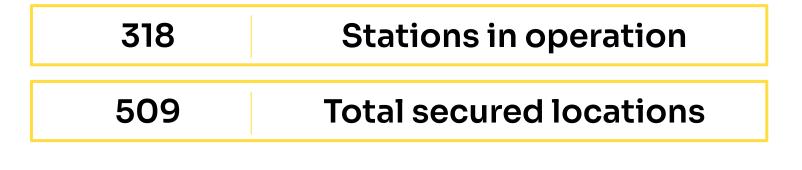
# Portfolio ambition



# Fastned path to 1,000 high-traffic locations: motorway service areas, private land and urban sites

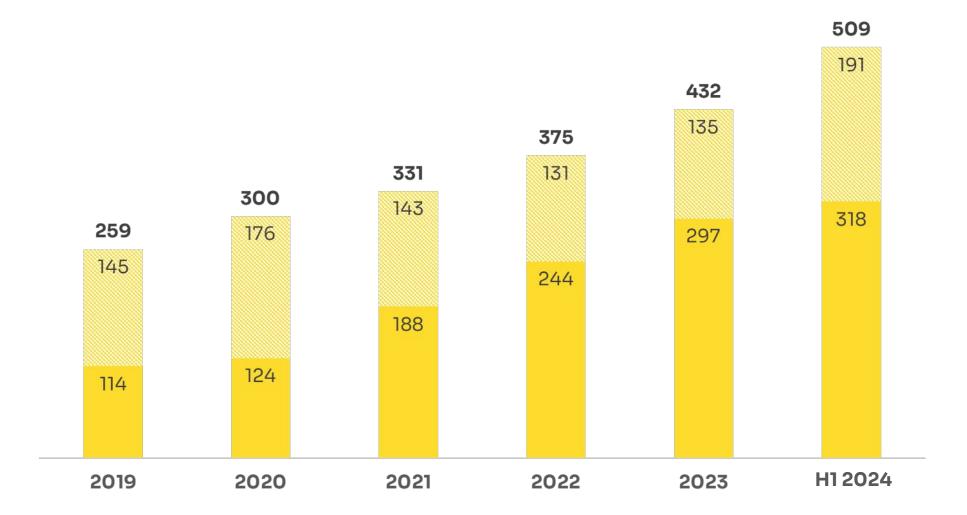


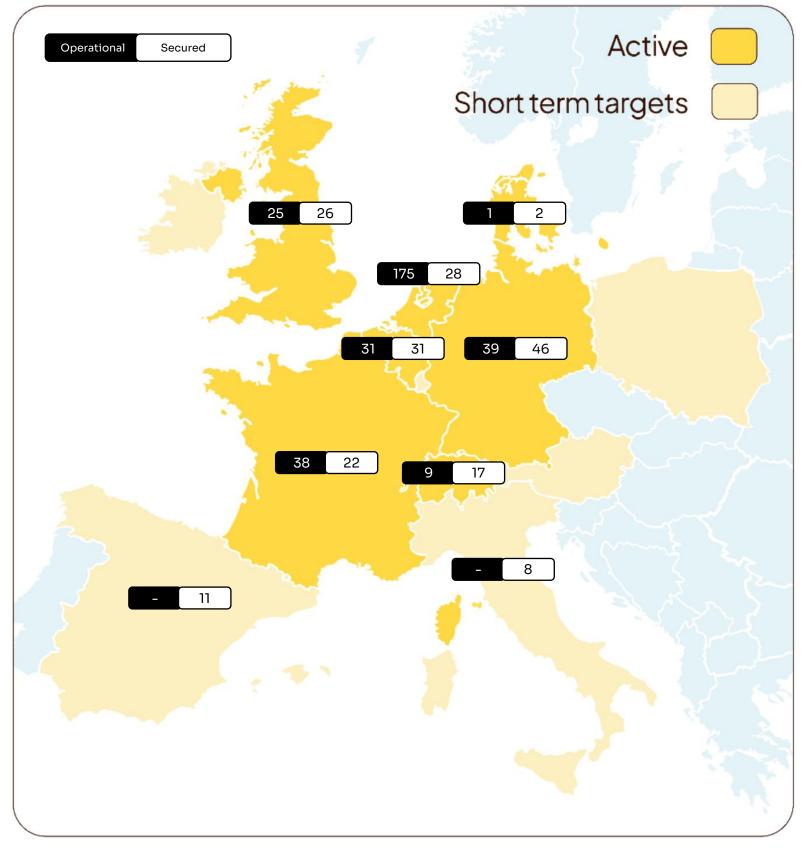
# Halfway to 1,000 stations: 500+ sites secured



#### Historical station pipeline

OperationalSecured





## We have built the best charging concept in the market

High traffic location strategy



High traffic business case supports the necessary investment to realise best charging concept



2

# Vertically integrated business model













Best customer experience



99.9% station uptime

Google
4.4/5
net promoter score

zapmap
 #1
 charging network

Chargemap

charging network

## Fastned remains the top choice for EV drivers



Highest Google reviews in the market

vs. competition between 3.3 and 4.1

#### Customer Net Promoter Score of 60, considered excellent



Which fast charging network is your favourite?



42% Fastned

31% T=5L5

15% IONITY

8% Shell Recharge

1% M

1% TotalEnergies

2% Other



Rank #1 most reliable EU charging network, 2023

The best-rated networks in terms of infrastructure reliability in Europe

Fastned	
Tesla Superchargers	
Electra	
Carrefour	
Allego	
Chargy	
IONITY	
e-Vadea	
larecharge	
SDEM50	

Infrastructure reliability is an important criterion for electric car drivers. This includes ease of use, the start of charging, the ratio of power delivered to power expected, the condition of the charging point and cables, etc. Fastned came first in the ranking

Chargemap – 2023 EU charging network blog<sup>2</sup>

Best EV charging networks 2023
Rapid / En-route



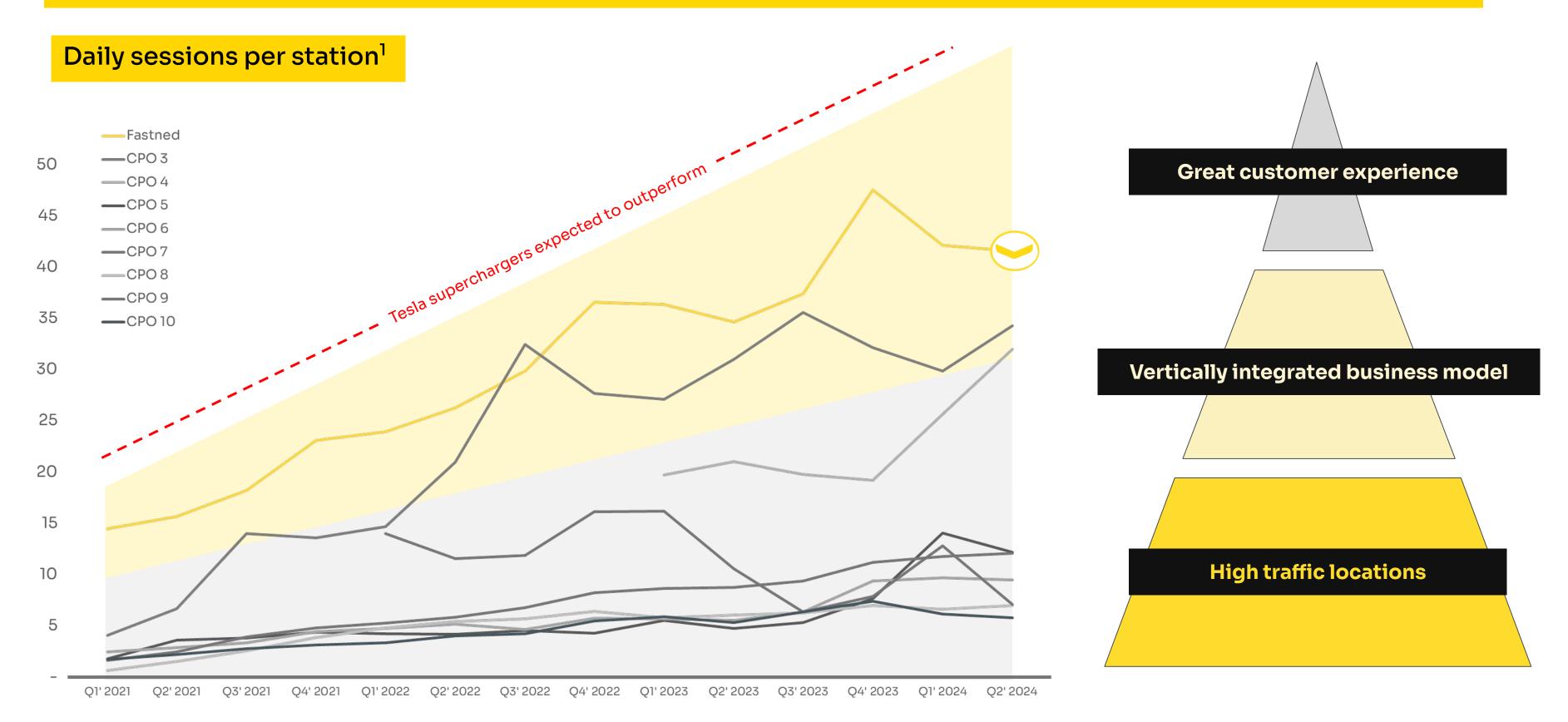
Rank	EV network	Overall rating*	Star rating**	Equivalent Rank 2022
1	FASTNED 💛	4.3	****	1
2	muter had group Fast Clean Energy	3.9	****	1
3	Osprey	3.8	****	4
4	IONITY	3.7	****	5
5	INSTAVOLT	3.6	****	3
6	GRIDSERVE ELECTRIC HIGHWAY	3.2	****	6
7	ChargePlace Scotland electric vehicle charging	3.1	****	7
8	SWARCO E.CONNECT	3.0	****	8
9	Shell Kecharge	2.9	****	9
10	<sup>bp</sup> ρulse <sub>⊙</sub>	2.3	****	11
11	GeniePoint	2.0	****	10

Highest score in UK driver survey<sup>1</sup>
~3600 EV drivers surveyed

<sup>1)</sup> Zapmap Best EV Charging Networks 2023

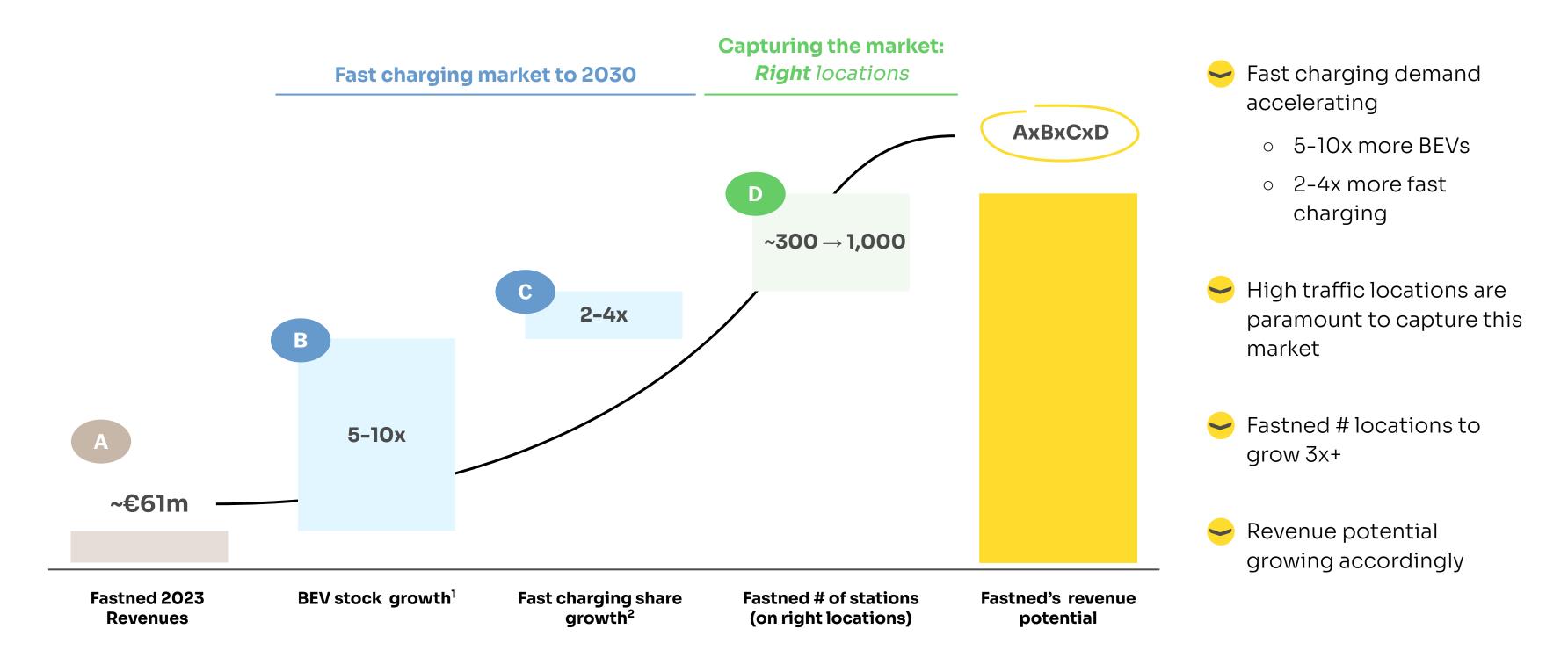
<sup>2)</sup> ChargeMap 2023 rankings of best charging networks in Europe

# High traffic locations and great concept, leading to outsized sessions



<sup>1.3</sup> 

## Fastned's strategy leads to exponential revenue growth



# The business case improves with BEV adoption

€k	Average station Q2 2024	Top 5 stations Q2 2024	Average station 2030
Average daily traffic	~30k	~87k	~30k
BEV penetration	~4.6%1	~5.5% <sup>1</sup>	~20%1
Sessions per day	43	141	
Average MWh delivered (Annualised)	403 MWh	1,151 MWh	>2,000 MWh
Annualised revenue / station	243 <sup>2</sup>	€685k <sup>2</sup>	>€1,000k²
Gross margin	193 (€0.48/kWh)	552k (€0.48/kWh)	
Operating costs per station	97 <sup>3</sup>	162k <sup>3</sup>	
Operational EBITDA (B)	96 (40%)	390k (57%)	>400k (40%)
Initial investment (A)	710	1,196k	
ROIC (= B / A)	14%	32.6%	
Utilisation rate	11.6%	21.9%	
ROIC at 30% utilisation, current charge speed	>40%		

- Top line growth is directly linked to BEV adoption large revenue tailwinds
- Best-in-class charging concept captures more traffic resulting in higher number of sessions vs peers
- Outsized session numbers lead to a superior business case which allows price flexibility
- Fully wrapped construction capability delivers high quality and capex efficient infrastructure

### Guidance & outlook

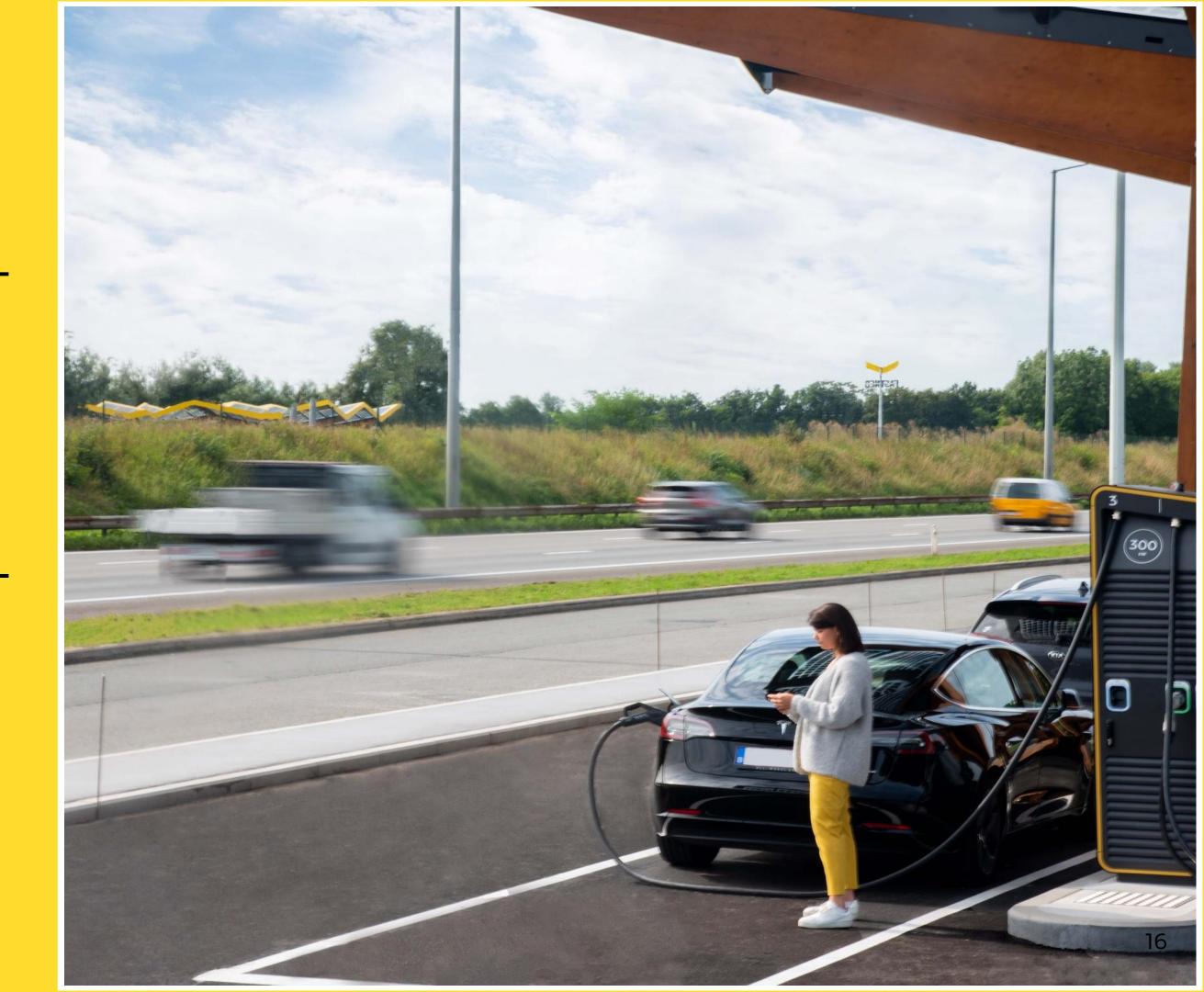
#### Network

- 335 to 350 stations operational by year end 2024
- 420 to 450 stations operational by year end 2025
- Target of 1,000 stations before 2030

#### Financial<sup>1</sup>

- Revenue per station >€400k in 2025 and > €1m in 2030
- Operational EBITDA margin >40% by 2025
- Underlying company EBITDA positive in 2024

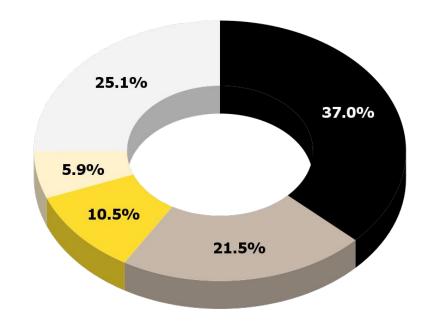
1) Based on current forecasts. Underlying company EBITDA excludes exceptional items such as employee options.

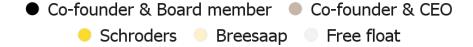


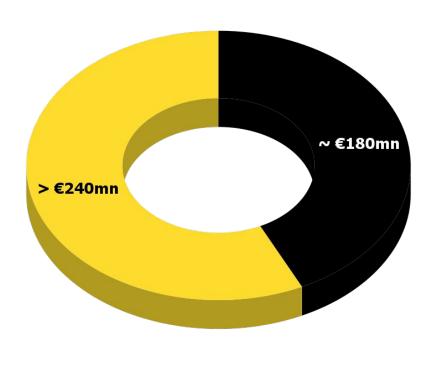
# >€420m capital raised - funding >400 stations

- Funding to date:
  - > € 240 million in equity funding, through a combination of private placements, an accelerated bookbuild and founders investments
  - ~€ 180 million in financial covenant-free retail bond funding
- In Q4 2022, Schroders' infrastructure fund invested €75m in equity, became a board member, and long-term partner in our target of 1,000 stations before 2030
- Current funding allows us to build more than 400 operational stations, expected in 2025
- Likely future funding options include (but are not limited to) retail bonds, accelerated bookbuilds and/or private placements

#### Current funding and shareholding structure







# Appendix

# Highly motivated, mission driven team - led by an experienced Executive Team



Michiel Langezaal

**CEO & Founder** 









Lieke Duijmelings

Commercial Director











Victor van Dijk

CFO





Yannick Schuermans

Director Operations & Analytics





Maria Garcia

Director Location Design





Georg Schmidt-Holtmann

Director Construction Management





**Robin Wouters** 

Director Product and Engineering





Caro de Brouwer

Director Network Development









## Strong organic and inorganic revenue growth

		Delta YoY		irst half	
	€ million	<b>'23-'24</b>	2024	2023	2022
	Revenues related to charging	45%	37.8	26.1	12.6
2	Gross profit related to charging	52%	29.8	19.6	7.8
	Gross profit per kWh (€)		0.47	0.47	0.38
	Network operation costs	67%	(15.0)	(9.0)	(4.8)
	Network operation costs per charger (€k)		8.3	6.6	5.7
3	Operational EBITDA	39%	14.7	10.6	3.0
	Operational EBITDA margin		39.0%	40.6%	23.8%
4	Network expansion costs	40%	(10.9)	(7.8)	(5.6)
	Underlying company EBITDA		3.2	2.8	(2.7)
-	Exceptional items		0.1	(3.3)	(0.4)
-	EBITDA		3.3	(0.5)	(3.0)
-	D&A and provisions		(9.8)	(6.9)	(4.7)
	Finance income/(cost)		(4.9)	(2.2)	(3.7)
_	Underlying net profit		(11.6)	(6.3)	(11.0)
	Net profit		(11.4)	(10.3)	(11.4)

#### 1 Strong organic and inorganic revenue growth

Fastned has two big revenue growth drivers:

- Organic volume growth, at +29% YoY in H1 2024, at the 244 stations operational at 1 January 2023.
  - This is driven by the (secular) expansion of the BEV fleet (+31% YoY fleet penetration growth in H1 2024) and Fastned being able to capture charging demand growth at existing stations at high traffic locations
- Inorganic growth through new station openings, at +21% YoY in H1 2024, with 76 stations opened since 1 January 2023 (+31%). This is driven by Fastned's ability to secure new high traffic locations, deploy its award winning charging concept on them and quickly ramp up sales

#### 2 Gross profit per kWh stabilised post energy crisis

#### **3** Significant expansion of Operational EBITDA

5-folding over the last two years, due to a high operational leverage, with significant upside. Close to our target of 40% Operational EBITDA margin

#### 4 Net profit negative, due to high expansion effort

Negative net profit level now almost fully attributable to network expansion costs. These costs are expensed now, but will yield over the 15+ years of station lifes

# Operating cash flow near neutral and strong funding position

	Delta YoY	F	irst half	
€ million	<b>'23-'24</b>	2024	2023	2022
Revenues related to charging	49%	37.8	26.1	12.6
Gross profit related to charging	52%	29.8	19.6	7.8
Gross profit per kWh (€)		0.47	0.47	0.38
Network operation costs	67%	(15.0)	(9.0)	(4.8)
Network operation costs per charger (€k)		8.3	6.6	5.7
Operational EBITDA	39%	14.7	10.6	3.0
Network expansion costs	40%	(10.9)	(7.8)	(5.6)
Underlying company EBITDA		3.2	2.8	(2.7)
Exceptional items		0.1	(3.3)	(0.4)
EBITDA		3.3	(0.5)	(3.0)
Operating Cash Flow		(1.0)	(2.5)	(8.3)
Сарех		21.9	38.0	23.4
Cash level		145.8	132.6	116.6

#### 5 Strong funding position

Funding to date:

- ~ € 250 million in equity funding realised
- ~€ 195 million in retail bond funding, 6% coupons, no financial covenants
- € 146 million in cash on balance sheet

We expect to issue one more retail bond tranche in 2024, funding the 2024/25 rollout

#### 6 Operating cash flow near positive

Operating cash flow strongly improved over the last years and is near positive. Note this is including network expansion cash costs of € 12.4 million

This puts Fastned in an autonomous position:

- Strong organic growth at our existing stations, underpinned by secular BEV fleet growth, will continue to increase operating cash flow generation
- High cash position at € 146 million
- Attractive and successful retail bond programme

Combined, we expect this to fund at least a considerable part of further expansion beyond 2025

# Expanding into new markets

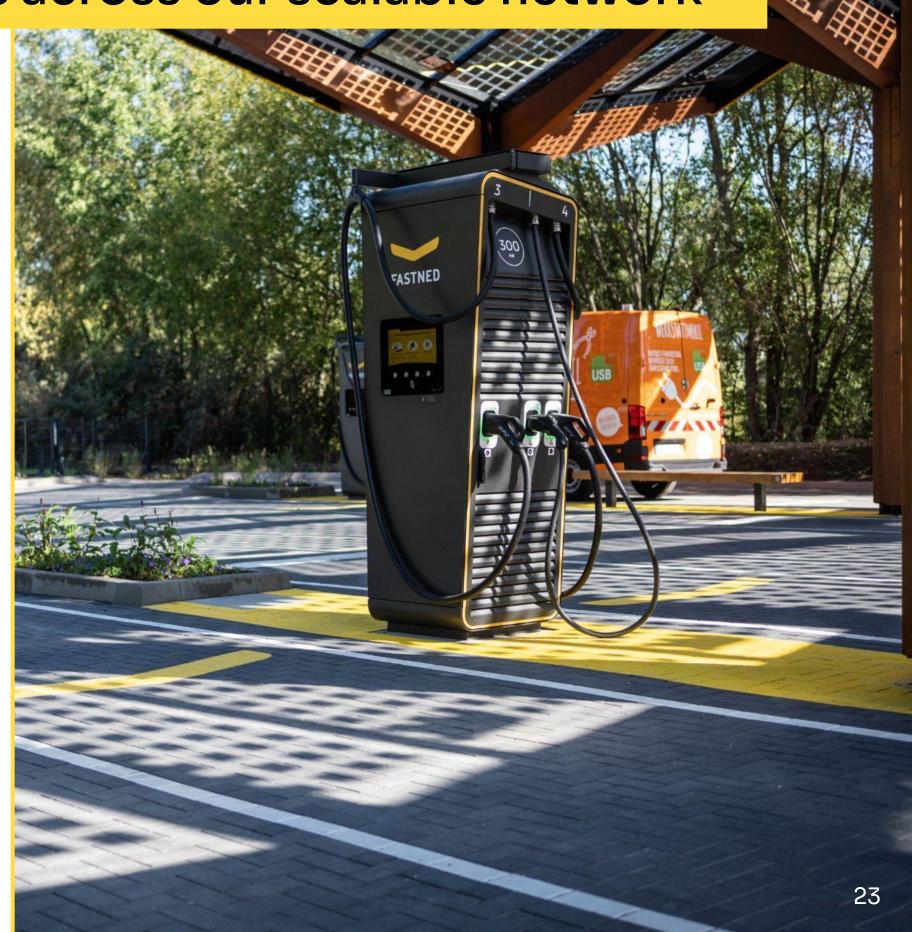
318	Stations in operation
509	Total secured locations

	in operation	under development	total
	175	28	203
	39	46	85
	31	31	62
	38	22	60
	25	26	51
+	9	17	26
	-	8	8
	1	2	3
200	-	11	11



# Pioneering the way with 1,863 chargers across our scalable network

	300-400KW	150KW-175KW	50KW	Total
	750	219	37	1,006
	189	_	24	213
	176	4	4	184
	100	8	28	136
	268	12	-	280
	40	_	-	40
	4	-	-	4
Total	82%	13%	5%	100%



# Improving ESG performance through fulfillment of roadmap milestones

- ✓ Adopted UN SDGs in 2022, included in <u>annual</u> report
- ✓ Completed first materiality assessment incorporating "double materiality" concept in Q4 2022
- Working towards integrated reporting, as per CSRD requirements
- → Implemented sustainability reporting platform for GRI Standards
- → Expect to share a more comprehensive ESG dataset in Fastned's 2023 Annual Report















# Regulatory compliance, footprint analysis and making a positive impact are the main pillars of our sustainability focus

#### **Compliance and reporting**

- Preparing for CSRD (estimated to be in scope in 2025)
- EU Taxonomy eligibility and alignment
- Follow GRI standards for sustainability reporting
- Selected and implemented a sustainability reporting platform

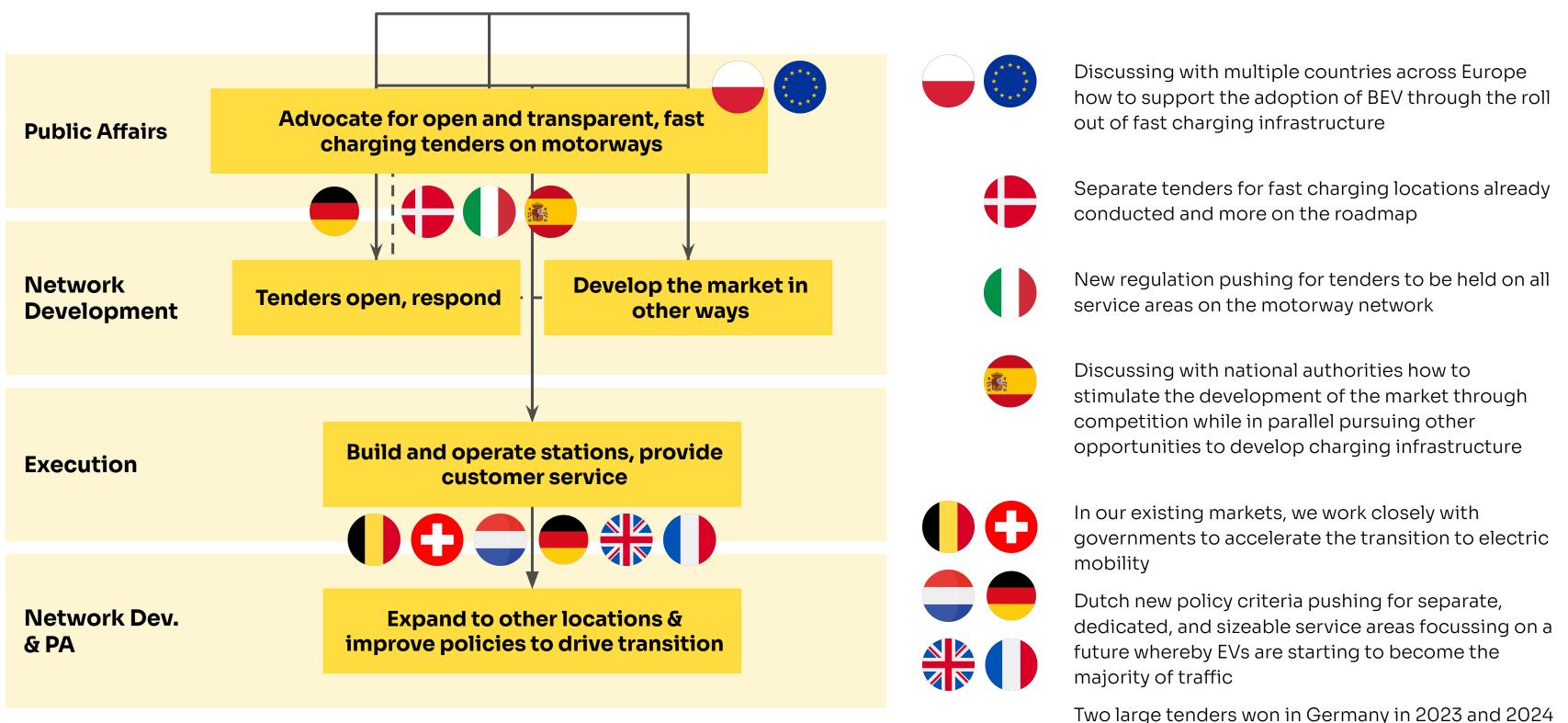
#### **Understanding our footprint**

- Calculated CO2 footprint data for all Fastned stations based on the life cycle analysis of a standard station in NL
- Calculated and published scope
   1, 2 and 3 emissions
- Achieved Level 4 of CO2 Performance Ladder certification
- 2030 CO2 emissions / kWh reduction targets of 80% for scope 1 & 2, 50% for scope 3<sup>1</sup>

#### Making a positive impact

- Engage in community outreach initiatives
- Piloted a low-carbon construction project
- Advocate against the use of fossil fuels in the public domain (e.g. <u>signed letter to</u> <u>stop fossil fuel subsidies</u>)





# Recent Alternative Fuel Infrastructure Regulation accelerates tenders

**CORE** network

2025

400 kW of power output every 60km, including at least one recharging point of at least 150 kW

2027

600 kW of power output every 60km, including at least two recharging points of at least 150 kW

~1,000 sites

**COMPREHENSIVE** network

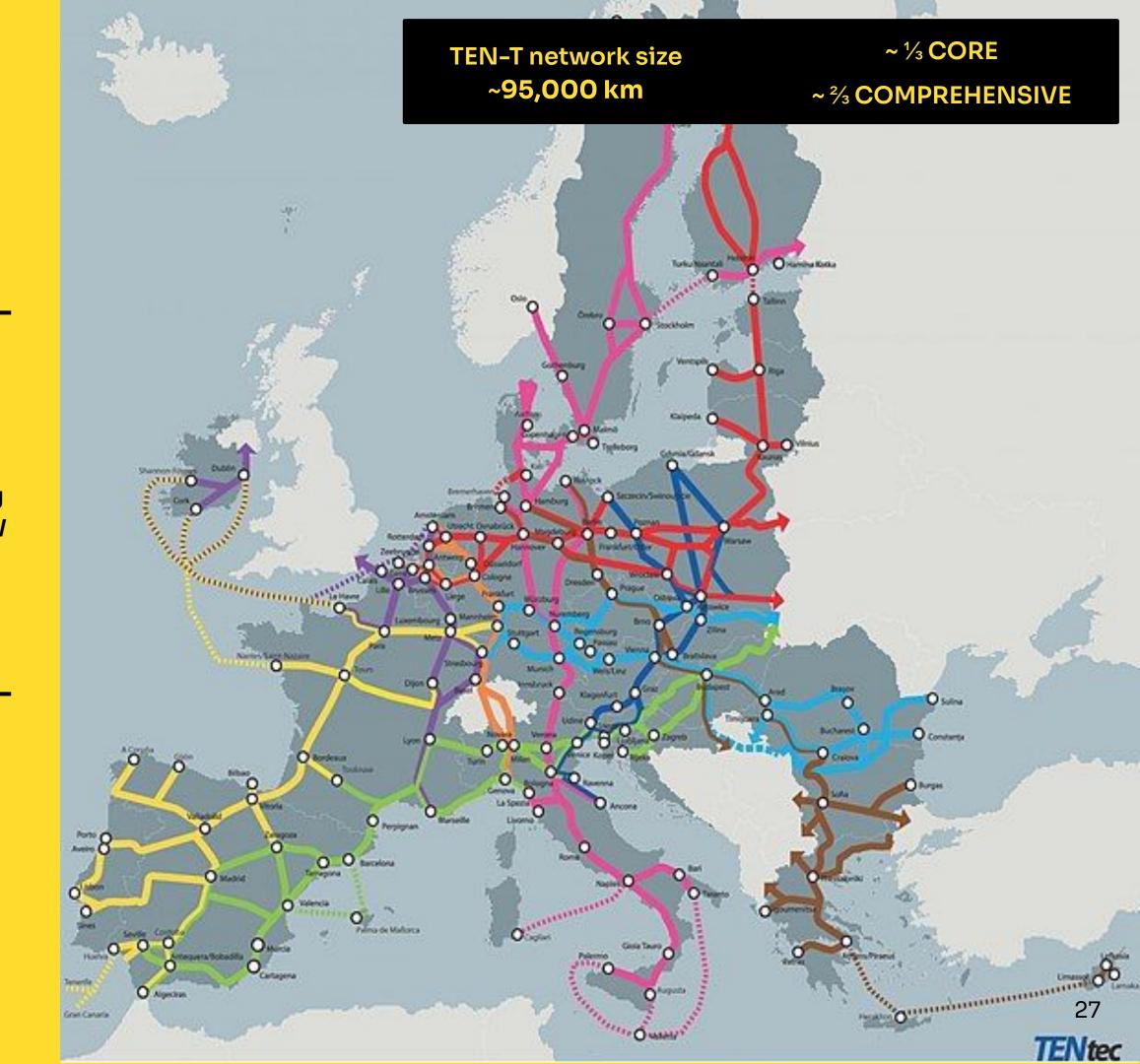
2030

300 kW of power output every 60km, including at least one recharging point of at least 150 kW

2035

600 kW of power output every 60km, including at least two recharging point of at least 150 kW

up to ~1,500 sites



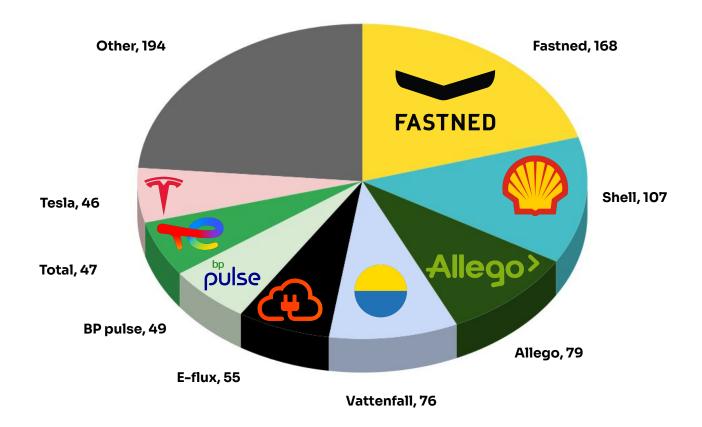


- In Q1 2023, Fastned won first ever fully dedicated service areas tender
- Fastned was able to prove its concept against multiple competitors
- Gentbrugge (Belgium) tender gives us a glimpse into the future of service areas
- Dutch new service areas policy proposal advocates for a similar structure
- AFIR will accelerate the realization of infrastructure of this size and type across Europe in the coming years

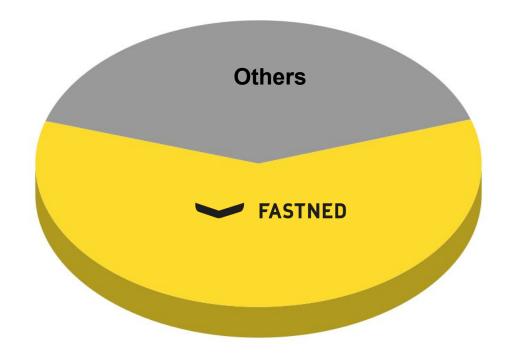
# High traffic locations capture fast charging volume

- Learnings from one of the most mature BEV charging markets worldwide
- Fastned operates nearly 20% of the fast charging locations in the Netherlands
- But responsible for nearly 60% of fast charging volume<sup>2</sup>
- Meaning Fastned locations do ~5x more sales than other locations
- This is driven by high traffic, as well as an excellent customer experience
- >90% of Fastned stations on motorways, highest traffic roads in the Netherlands

#### NL fast charging locations<sup>1</sup>

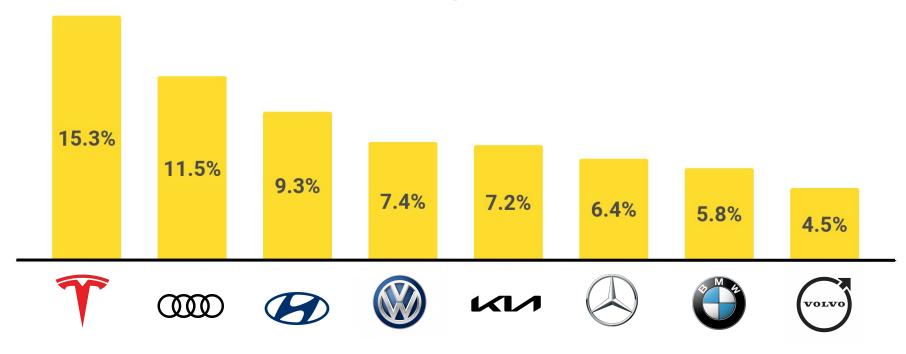


#### NL fast charging share<sup>2</sup>

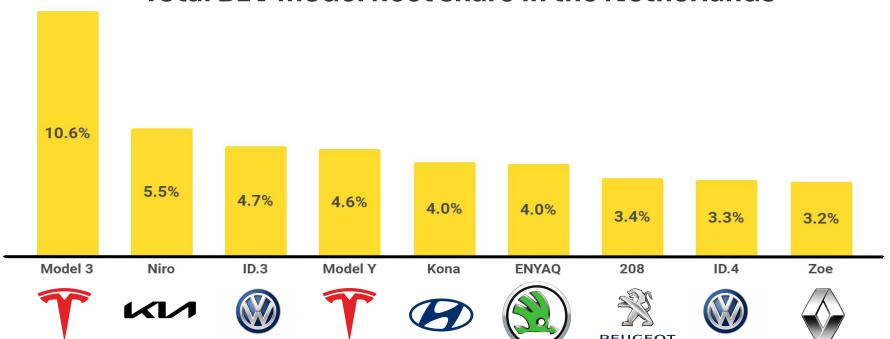


### Who charges at Fastned?

#### Total all time kWh charged at all Fastned stations

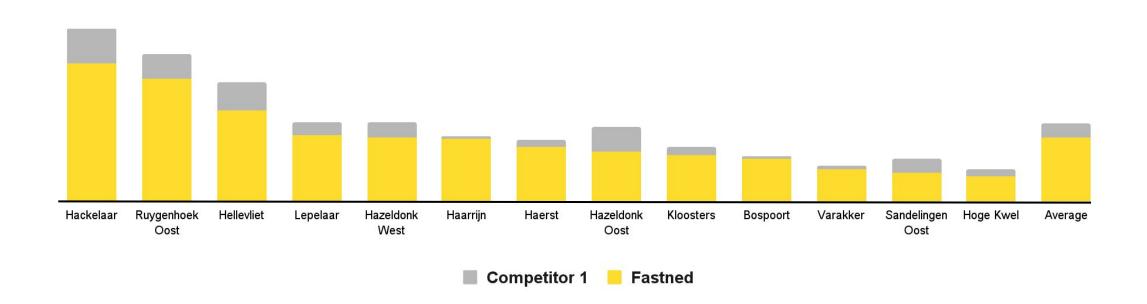


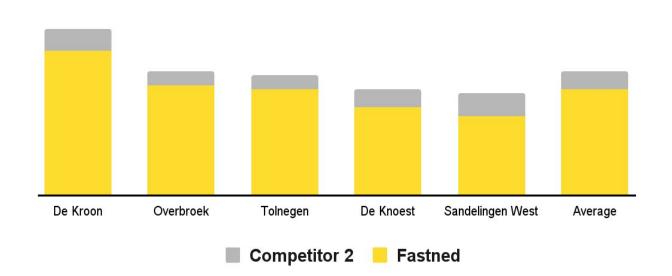
#### **Total BEV model fleet share in the Netherlands**



- Measured as % of kWh charged by customers using the Fastned app
- Major BEV manufacturer Tesla also the most common sight at our stations
- 'Long range' BEV's topping the list of most kWh per car model debunking the myth that long range cars don't do fast charging
- Fastned's customer base is representative of the BEV fleet share in the Netherlands

## Outperforming competitors at co-locations<sup>1</sup>



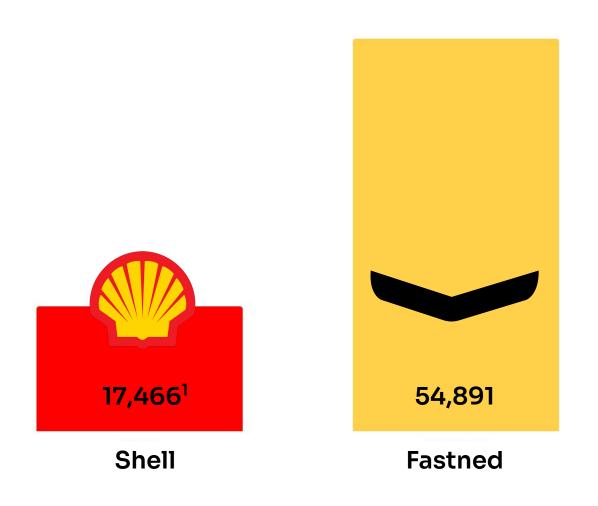


- Measured as sessions per day during 2023 at co-locations in the Netherlands
- Co-locations are defined as locations where a competitor has fast charging available in the same area as a Fastned station (legacy of current tender regime)
- Between Fastned and Competitor
   1, Fastned does 82% of the sessions
   at co-locations
- Between Fastned and Competitor
   2, Fastned does 85% of the
   sessions at co-locations



# Case Study: 3x Charging Volumes at co-located Hackelaar stations with equal number of charging points

Total number of sessions in 2023



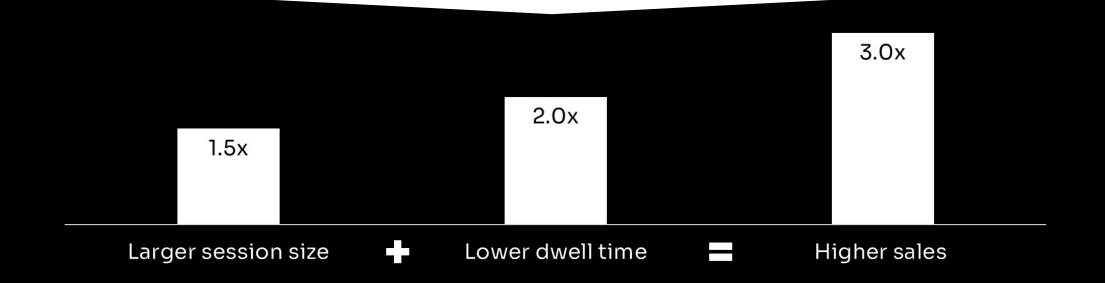


Source: 1) Shell, LinkedIn post

# Charging at motor service areas has as superior business case vs. location charging

- Stations on MSAs benefit from a naturally higher demand due to positioning on high traffic roads resulting in ~3-4x more sessions per day
- Because people will charge at MSAs when their battery is low, rather than their fridge being empty, State of Charge (SoC) is expected to be lower, increasing maximum potential session sizes
- Dwell time behaviour is determined by the location of the charging station
  - Supermarkets drivers will occupy a charger until they finish their shopping, regardless of SoC
  - MSAs drivers will charge until they reach a sufficient SoC

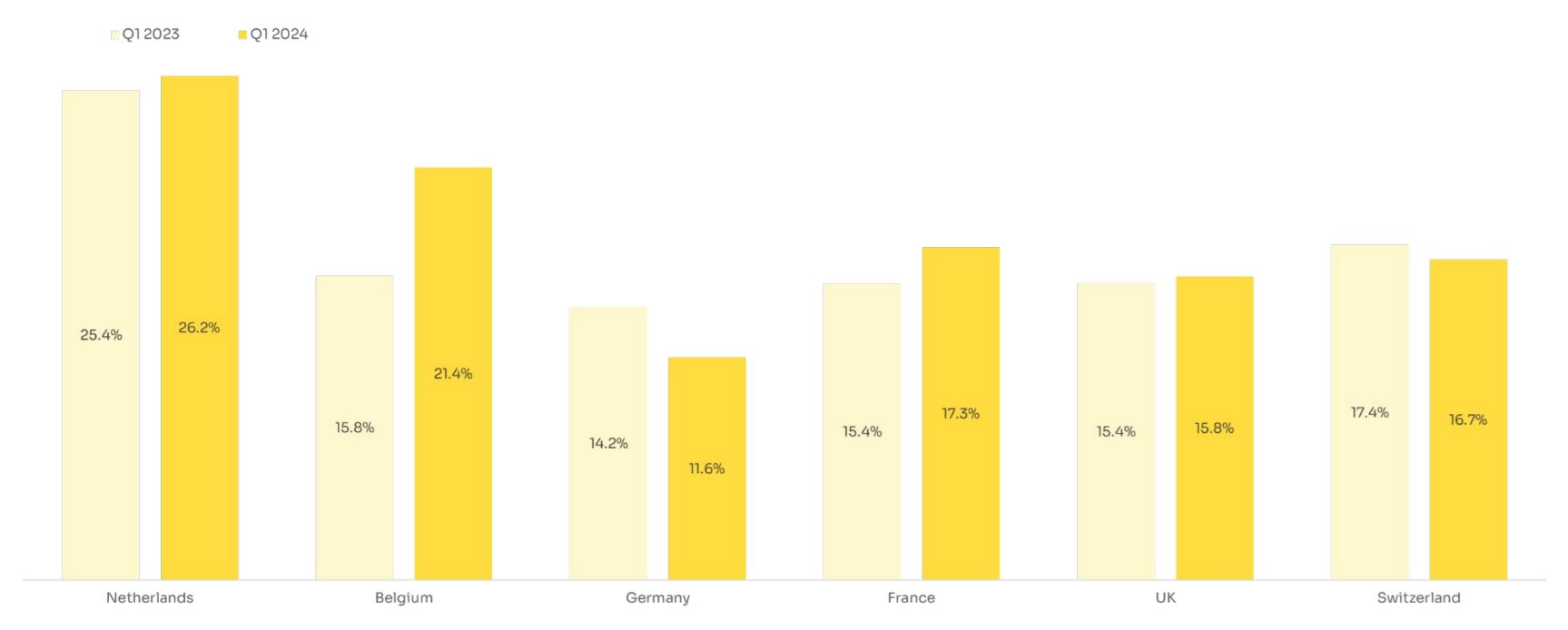
2030 business case comparison	MSAs	Supermarket
Daily traffic	30,000	1,000
BEV penetration	~20%	~20%
Daily BEV traffic	6,000	200
Capture rate	2.5%	20%
Sessions / station / day	150	40
State of Charge	25%	50%
Battery size	69 kWh¹	69kWh <sup>1</sup>
Maximum session size	52 kWh	35kWh
Dwell time	15 min	30 min²
Maximum charger speed	207 kW	69 kW
Utilisation rate	25%	25%
Max. annual per charger throughput	453 MWh	151 MWh
Max. annual revenue per charger <sup>3</sup>	€227k	€76k
Max. annual revenue per station	€1,417k	€252k





# Shift from subsidy-based to norm-based incentives ongoing, causing slower BEV sales in several markets currently

BEVs as a % of total car sales<sup>1</sup>

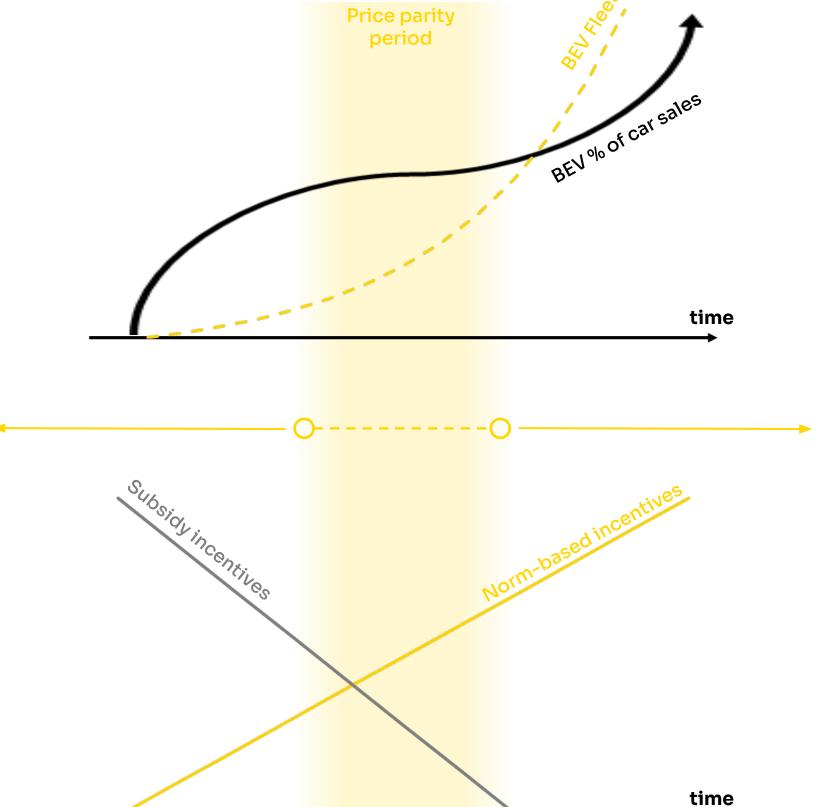


1) ACEA - January-February data, March data not published at the time of the release

# The twilight zone – in the price parity period



Tesla Model Y ~€45,000





Renault 5 ~€25,000

## We are getting ready for all the electric trucks on the roads





We are preparing to cater for many of them



Image source: Hans Hermans, Fastned founder

# 1,000 large stations

Electric Freedom

