

Presentation in English, part 1 of 3

Ellevio Contractors day 2025

22 januari 2025
Clarion Sign

The text in this presentation has been automatically translated, which means that there may be discrepancies and inaccuracies in the translation compared to the original text

ELLEVIÖ

Welcome to all companies
that are here today!

Geomatikk

linxon

selectric

PMA

ahlsell

HARJU ELEKTER

NCC



SKANSKA

ABEKA
-FÖR KRAFTEN VIDARE!

neitel

netcontrol

AXEDA
ENTREPRENAD

Infratek

ELMER
HV ERKEN

NKT

one

SLL
ENERGI & INFRASTRUKTUR

bravida

OMEXOM

Hitachi Energy

SVENSKA ELNÄT

craftor

Frijo

KL INDUSTRI AB
MORE ELECTRIC GROUP

NYAB

taihan
CABLE & SOLUTION

VEO

DAMMARSBERG
ENTREPRENAD

LWE

KONČAR
Inspired by challenge

TROLK
EI & Tele AB

VATTENFALL



EITECH

ELTEL

Linje
montage

Prysmian
Group

OneCo

VICTOR

ELLEVIO

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Agenda morning

- 09.00–09.30 Coffee break
- 09.30–09.40 Welcome! Stefan Ytterbom and Sarah Östberg
- 9.40–10.00 Together we electrify Sweden Conversation with Johan Lindehag
- 10.00–10.30 A project becomes Magnus Lommerdal
- 10.30–10.45 Break
- 10.45–12.00 Ellevio's business plans Jörgen Hasselström, Tomas Brunzell, Magnus Albinsson, Anders Eriksson
- 12:00–13:00 Lunch

Afternoon agenda

- 13.00–13.45 Project pitch Anders Åkesson, Amanda Lundin, Anders Eriksson
- 13.45–14.15 Sustainability and Safety Award Karolina Viksten, Camilha Botvid-Nilsson
- 14.15–14.45 Coffee break
- 14.45–15.45 Security – a team game Terje Steisjö, Thomas Widén and group discussions
- 15.45–16.45 Electrically powered projects Mathias Stenemyr, Pure Energy and Veronica Sund, Oslo Municipality
- 16.45–17.00 Thank you for today! Stefan Ytterbom, Sarah Östberg, Jörgen Hasselström
- 17.00–18.00 Mingle
- 18.00–21.00 Dinner with award ceremony for Excellent Entrepreneur 2024

Together we electrify Sweden

Conversation with Johan Lindehag, CEO
Ellevio

ELLEVIÖ



A project is born

Magnus Lommerdal

Content

- Investment or reinvestment
- Target nets
- Data-driven decision-making processes
- Packaging of projects

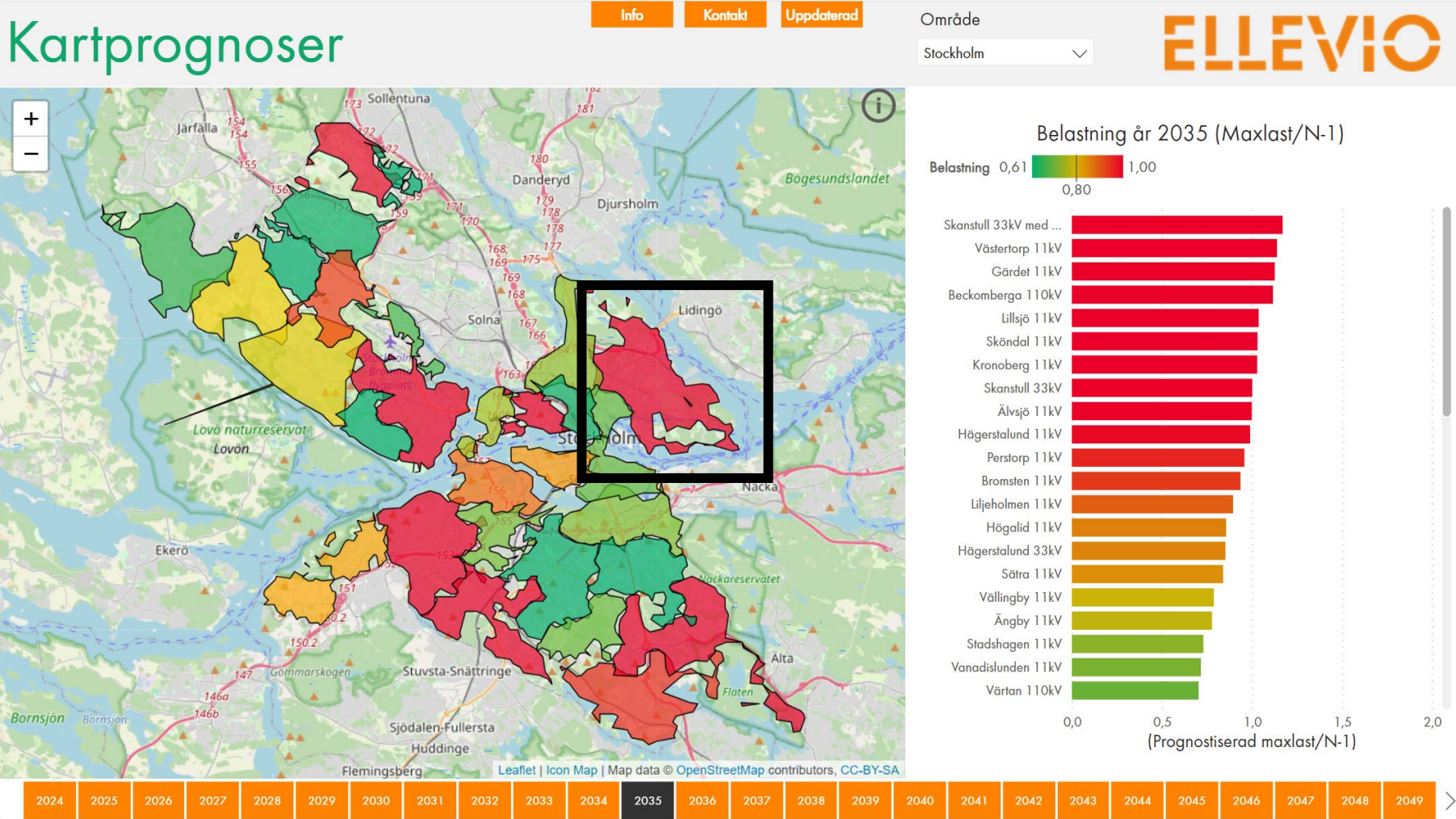


Investment and reinvestment

- Investment – initiated by an external stakeholder
- Reinvestment – our choices for remodeling

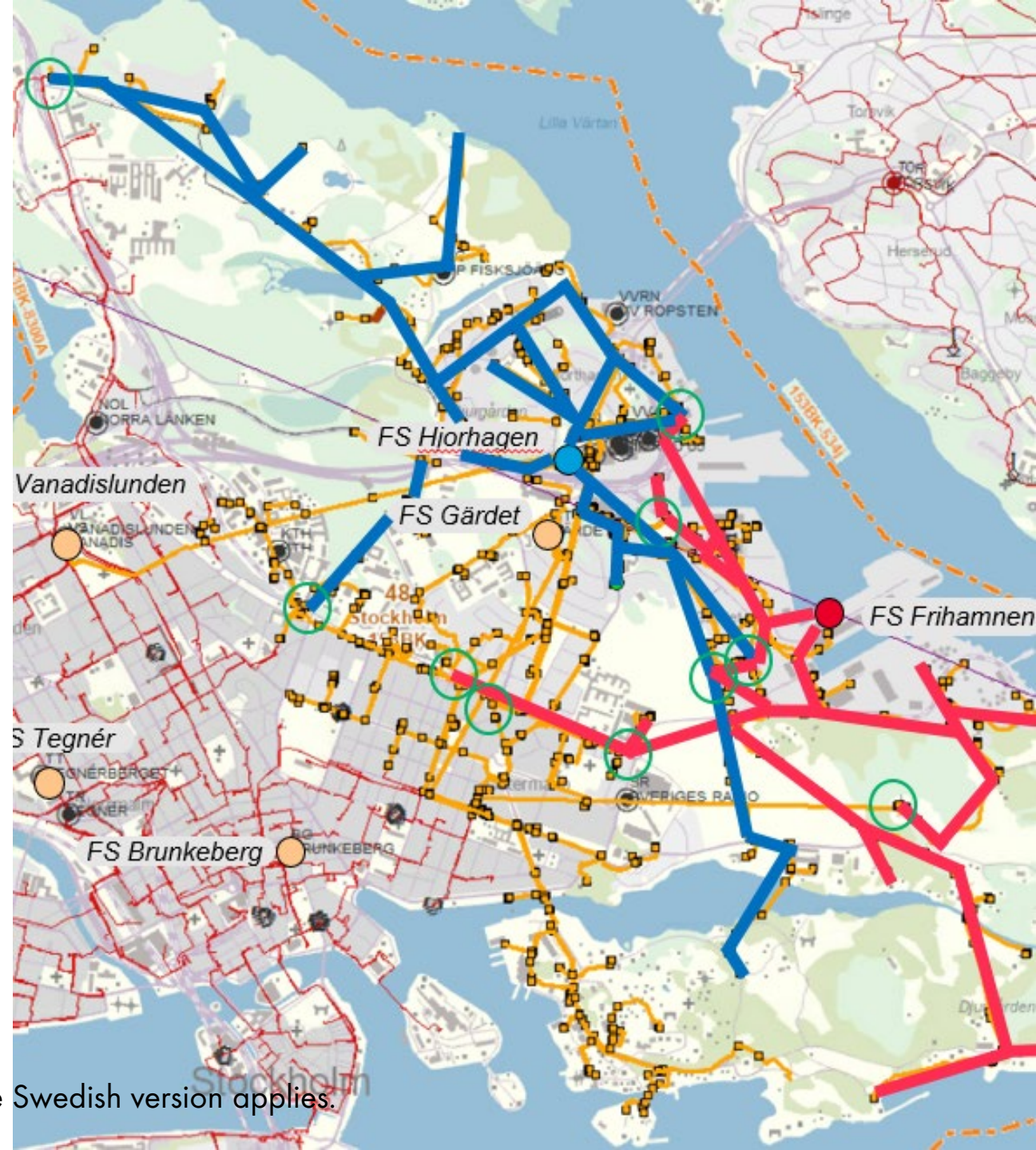


How do we know what our network will look like in the future?



How do we know what our network will look like in the future?

- Establish new distribution stations
- Optimize existing loops
- "Target network"

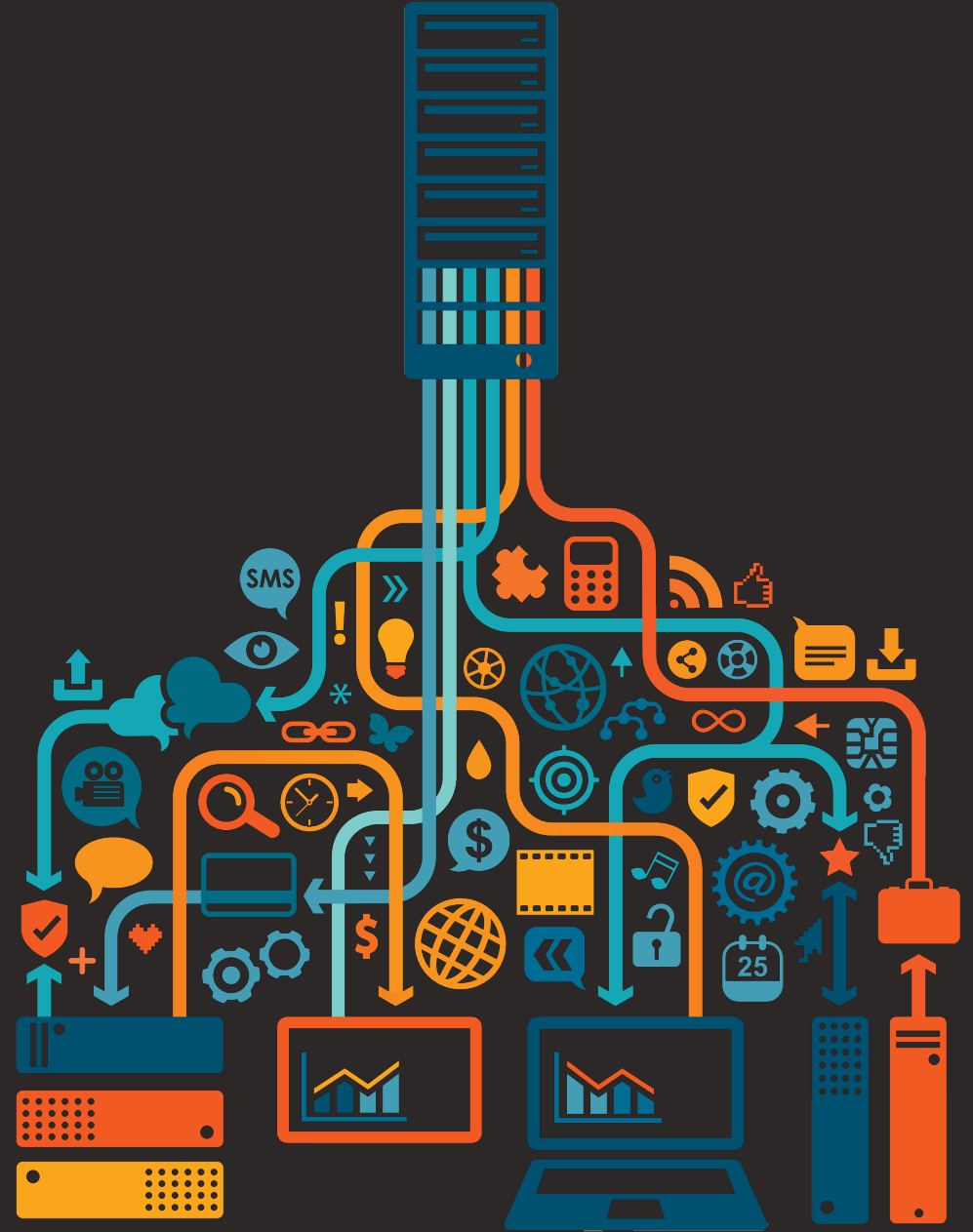


Target network and reinvestment plan

- The target network describes visionarily what the network structure will look like in the future
- The reinvestment plan tells you which parts will be rebuilt, when and why

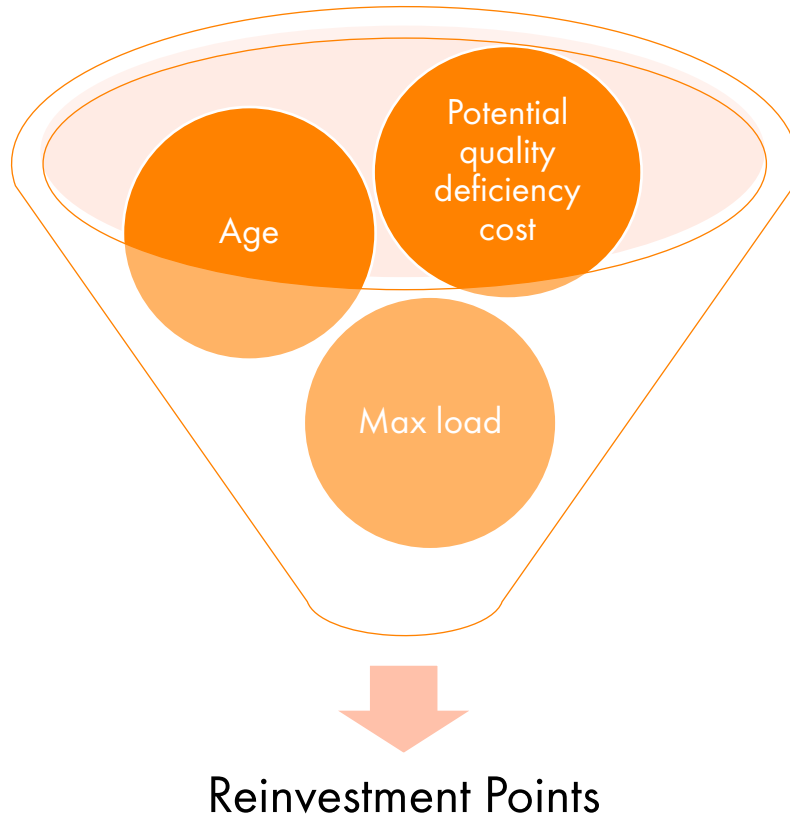
Data-driven decision-making processes

- Development started in Stockholm in 2023
- "Reinvestment Points"
- LEAP – Ellevio's analytics platform 2024
- To be implemented in central Sweden in 2025

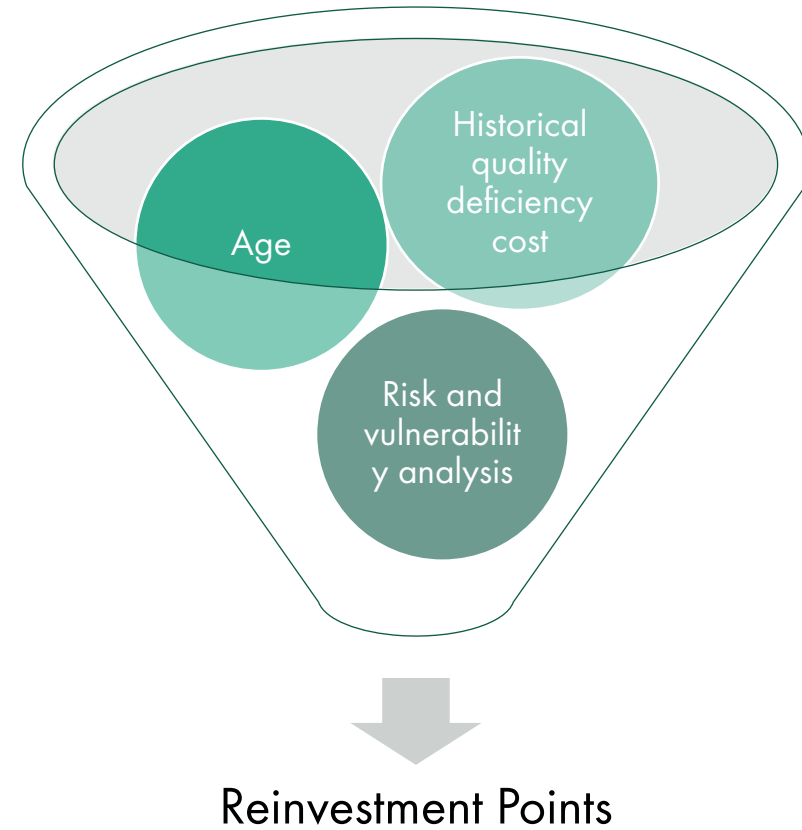


Reinvestment Points

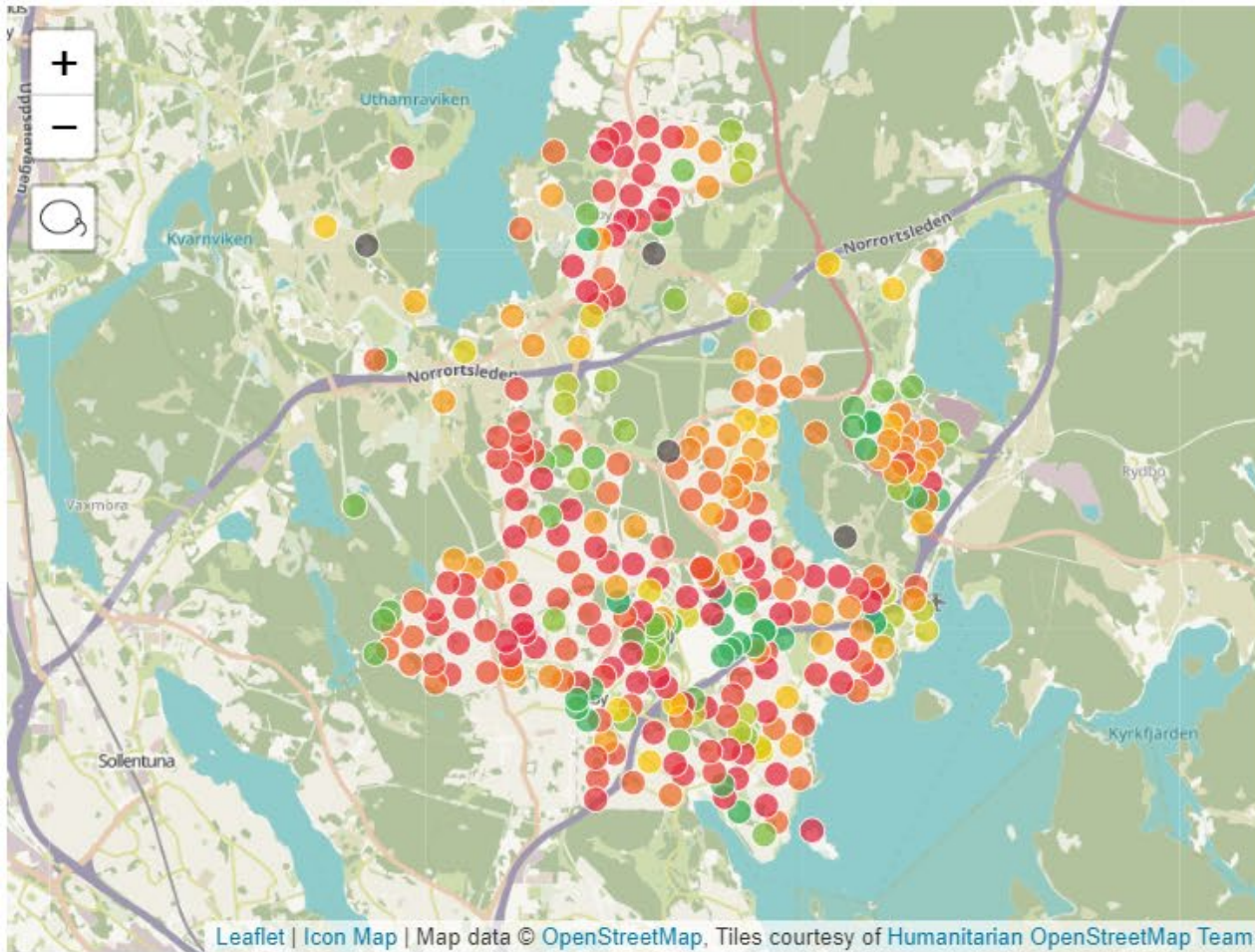
Substations



Medium voltage network



Age of substations – Täby

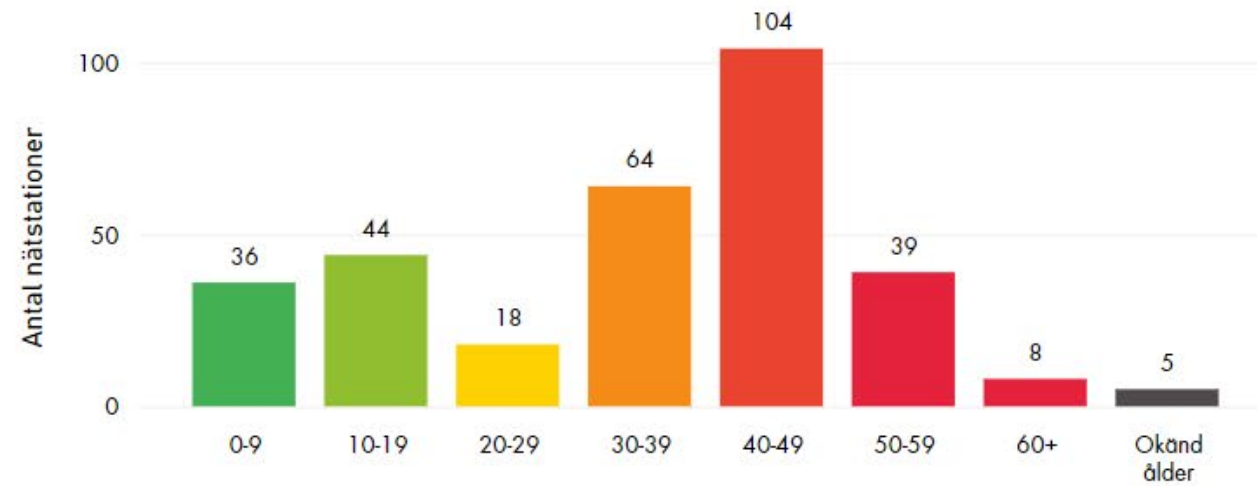


Medelålder på nätstationer i området: 34,4 år



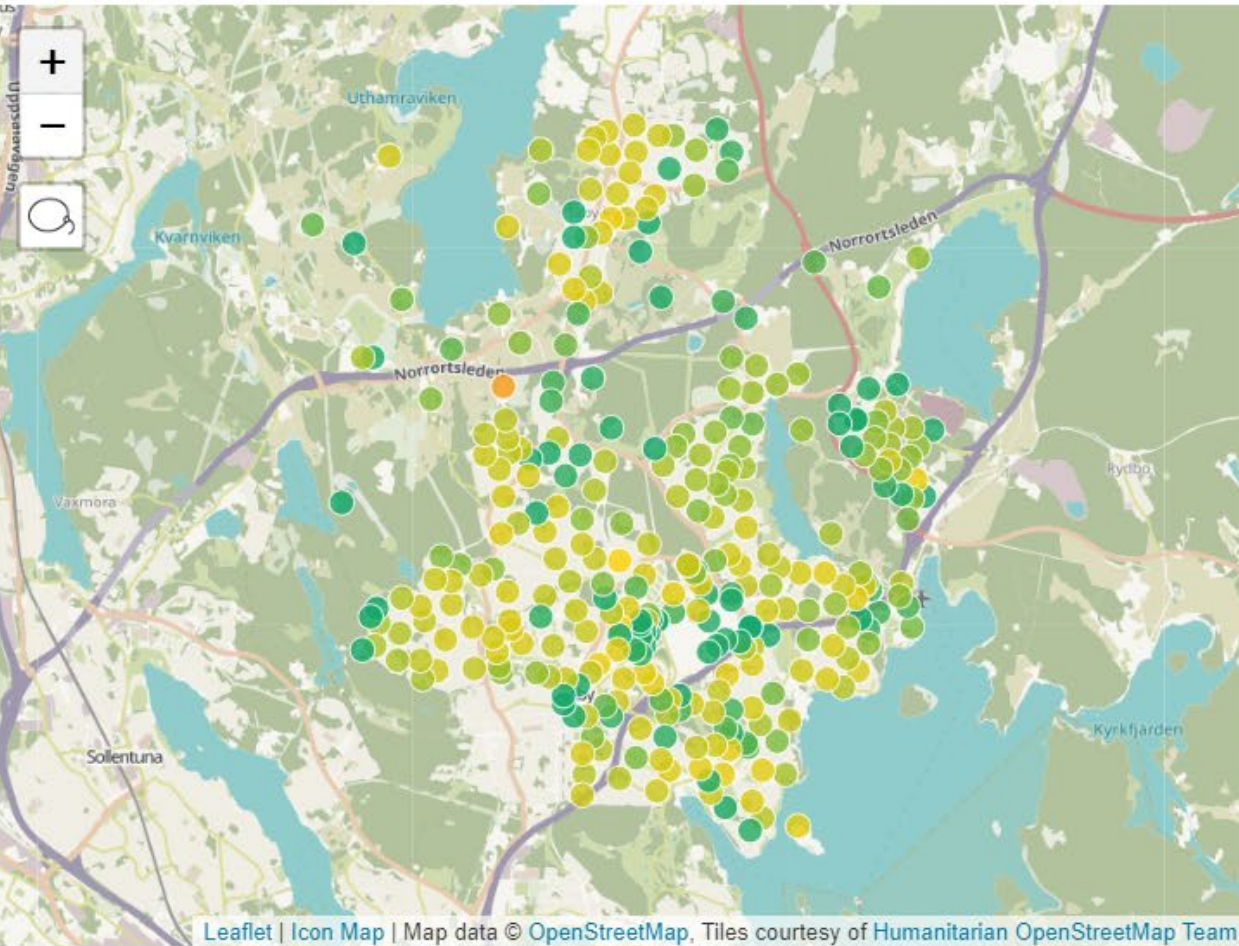
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Need for renewal based on age and lack of spare parts

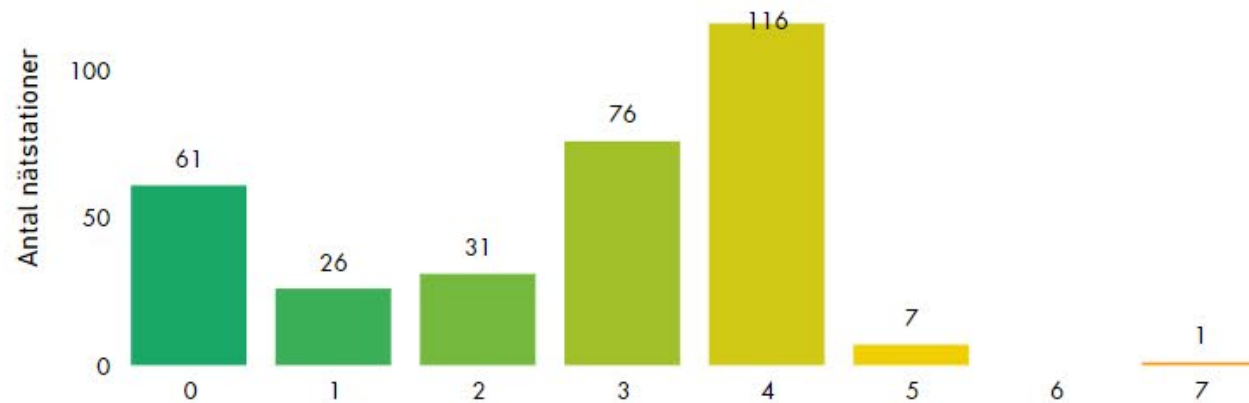
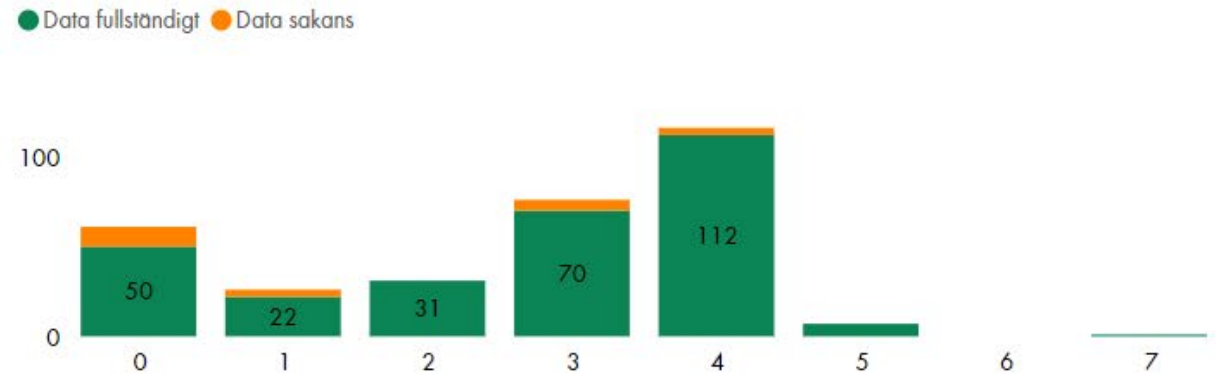


Antal NS per ålderskategori	Medelålder per matande station	Medelålder per matande linje	Ålder per NS
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Reinvestment Points Network Stations



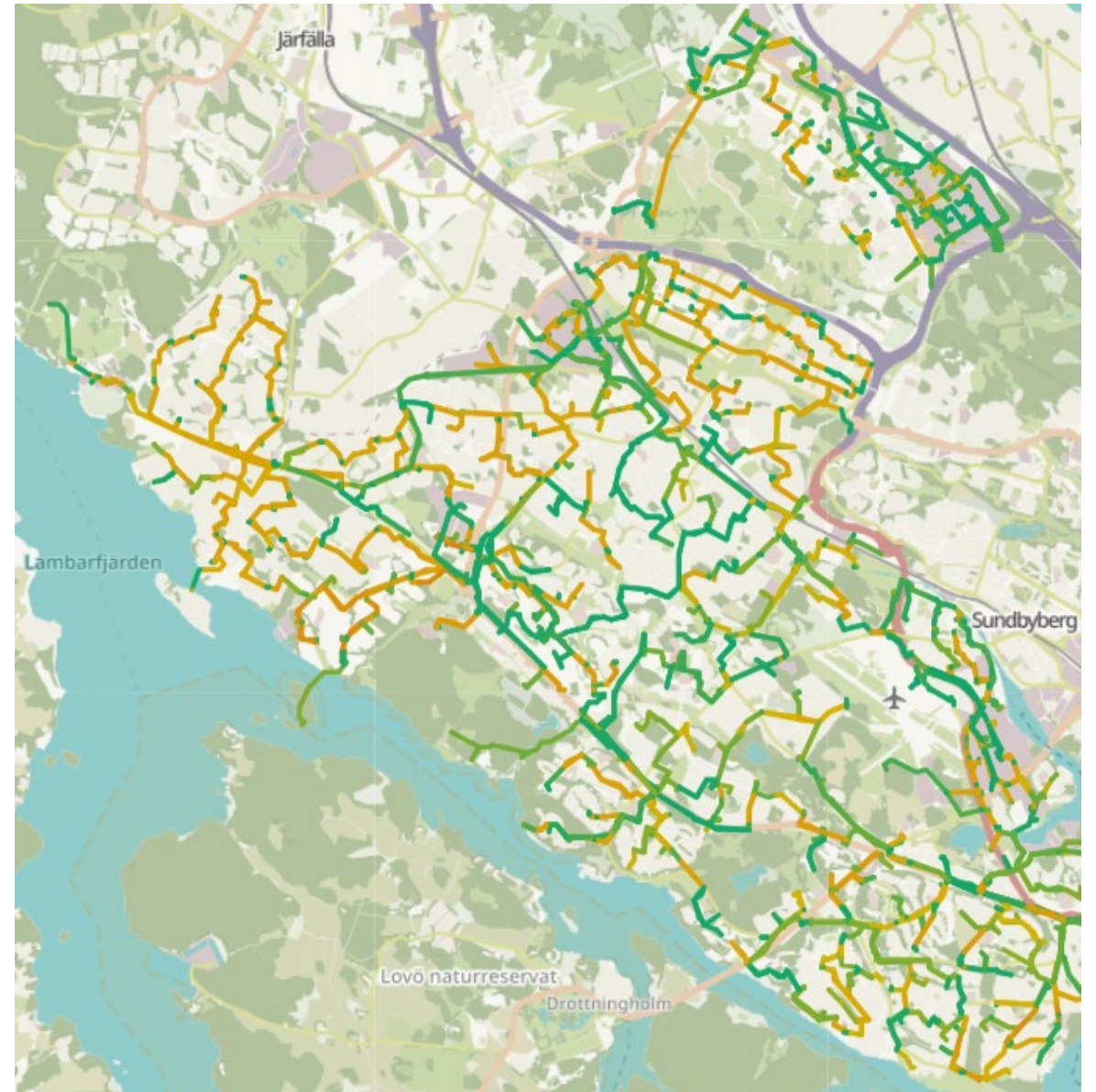
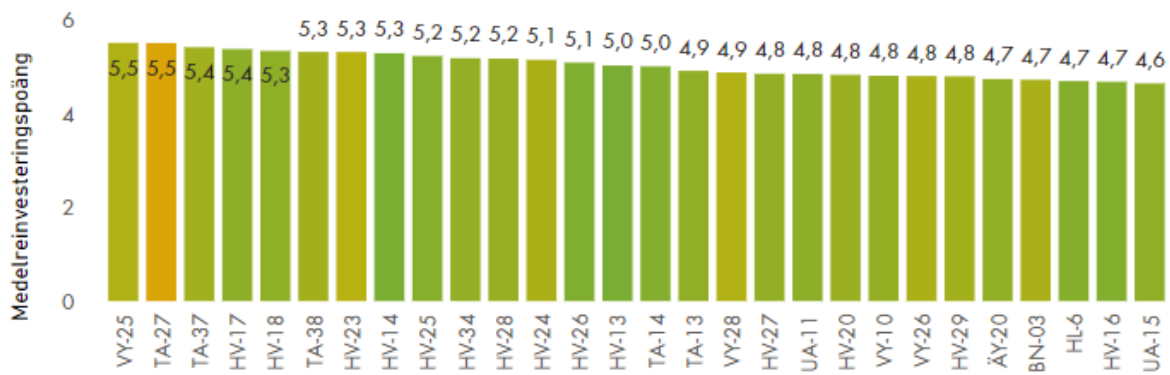
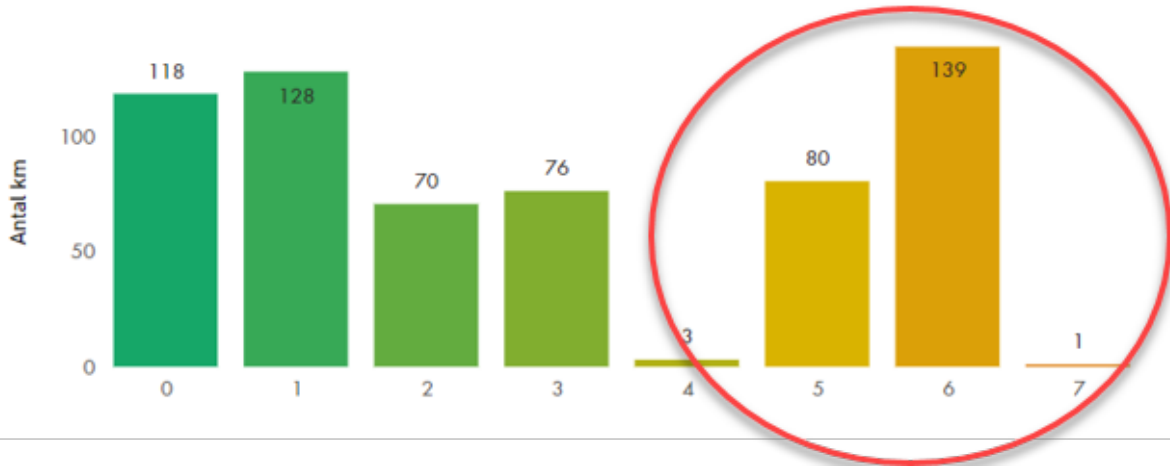
Medelvärde på nätstationers reinvesteringspoäng i området: 2,6



Antal NS per reinvesteringspoäng	Medel reinvesteringspoäng per matande linje	Medel reinvesteringspoäng per matande station	Reinvesteringspoäng per NS
2,6	2,6	2,6	2,6

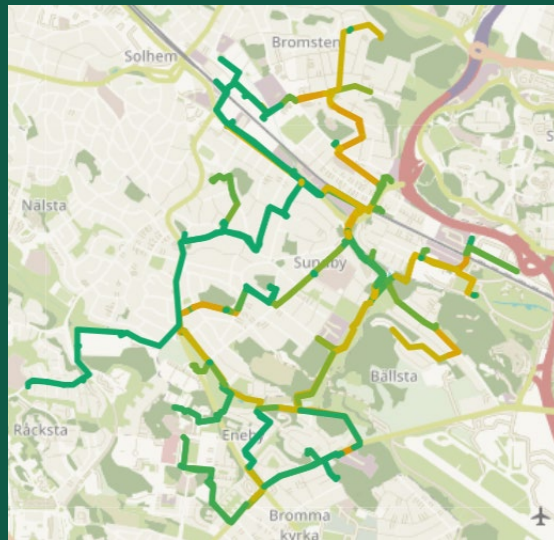
Autotranslated. In case of discrepancies, the Swedish version applies.

Reinvestment points medium voltage network



Bromsten

- Are there ongoing or future exploits?
- Are there faulty cables?

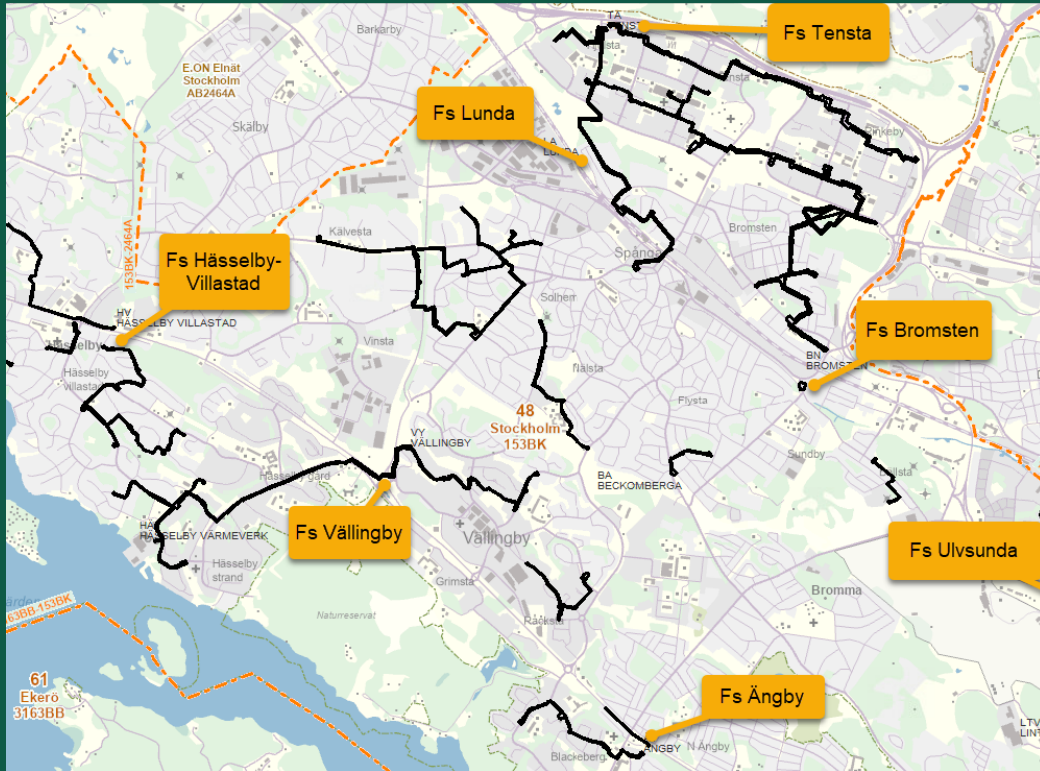


In this case,
extra distances
were included



Västerort – project 2024–2027

Identified projects



Procurement strategy

Västerort

2024

2025

2026

2027

LUF

Vällingby

Bromsten

Hässelby Villastad

Ulvsunda

Tensta

Lunda

Ängby

MT/Program



Reinvestment plan to business plan

- Identified projects in each area become reinvestment plans
- Reinvestment plans from all areas become a project portfolio that matches Ellevio's business plan



Packaging and procurement

- Our agreements are adapted to different types of projects
- We have limitations in resources (internal/external)
- We have a tactic for our investments in the next few years
- But we look forward to working with you to find more and better packages



Summary

- Investment or reinvestment
- Target nets
- Data-driven decision-making processes
- Packaging of projects



Break

We start again at 10.45

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Ellevio's business plans

Jörgen Hasselström,
Head of Asset Management
and Operation

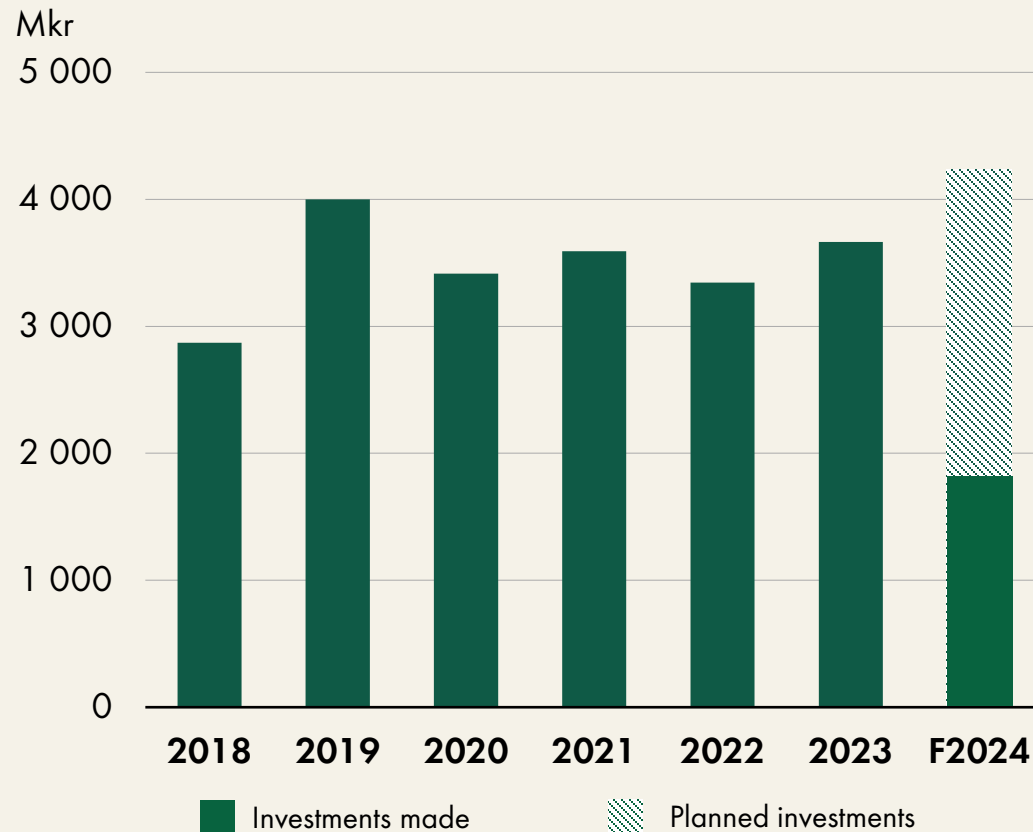
2024 an eventful year at Ellevio – thank you for a great job!

- Facilities worth approximately SEK 3.7 billion commissioned
- Procurement of the next generation Radisson 3B/C agreement completed. The new agreements will enter into force on 1 July 2025
- Investment decision and awarded contracts for a new main station in Västra Dalarna (Tandö)
- Framework agreement for large power transformers (420/145 kV) signed with South Korean HD Hyundai
- Restructuring agreement signed with Svk: Storstockholm Väst. Renovation of the Beckomberga and Bredäng stations is planned
- Key milestones reached in the NorthSouth, Everest and Vision 2030 programs
- Network development plans for Ellevio's network areas developed
- Good progress in maintenance projects and professional management of fault rectification



Investments in our electricity networks 2018–2024 SEK ≈25bn

Ellevios investments 2018–2023



Ellevios investments 2024

c. 4234 Mkr

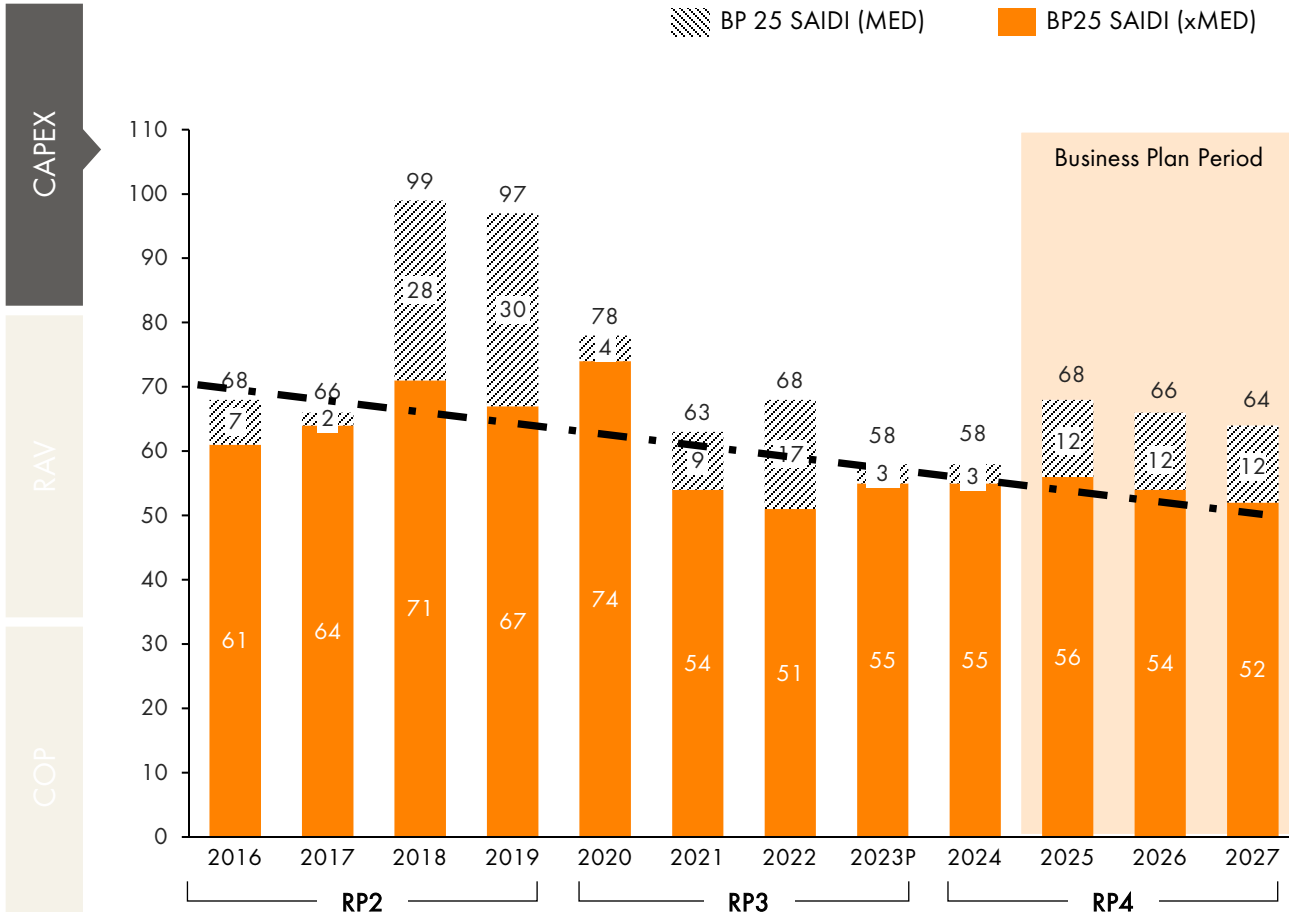


Increased security of supply in our electricity networks

SAIDI = SAIFI x CAIDI



Customer Impact Overview (SAIDI xMED + MED)



- Three main reasons for reducing average downtime:
- Targeted reinvestments to reduce vulnerability to weather-related power outages
- Increased degree of remote control and automation
- Efficient fault rectification through good cooperation between fault rectification resources in the field and Ellevio's operations centre
- Expected improvements up to 2027 are mainly due to increased digitalization and automation, which means that customers get power back faster when faults occur

Major future investment needs in Ellevio's network



ELLEVIO

Autoöversatt. In case of discrepancies, the Swedish version applies.

Still high pressure on electrification, right?



The energy transition is happening here and now



Energy storage: battery systems, flex



Electrification of transport and industry continues



Digitalisation and new technologies in society and electricity networks – smart grids



More renewables: micro-generation, offshore wind power, small-scale photovoltaic production



Outdated grid, investment needs for electricity networks at all levels at the same time as increased demands for availability

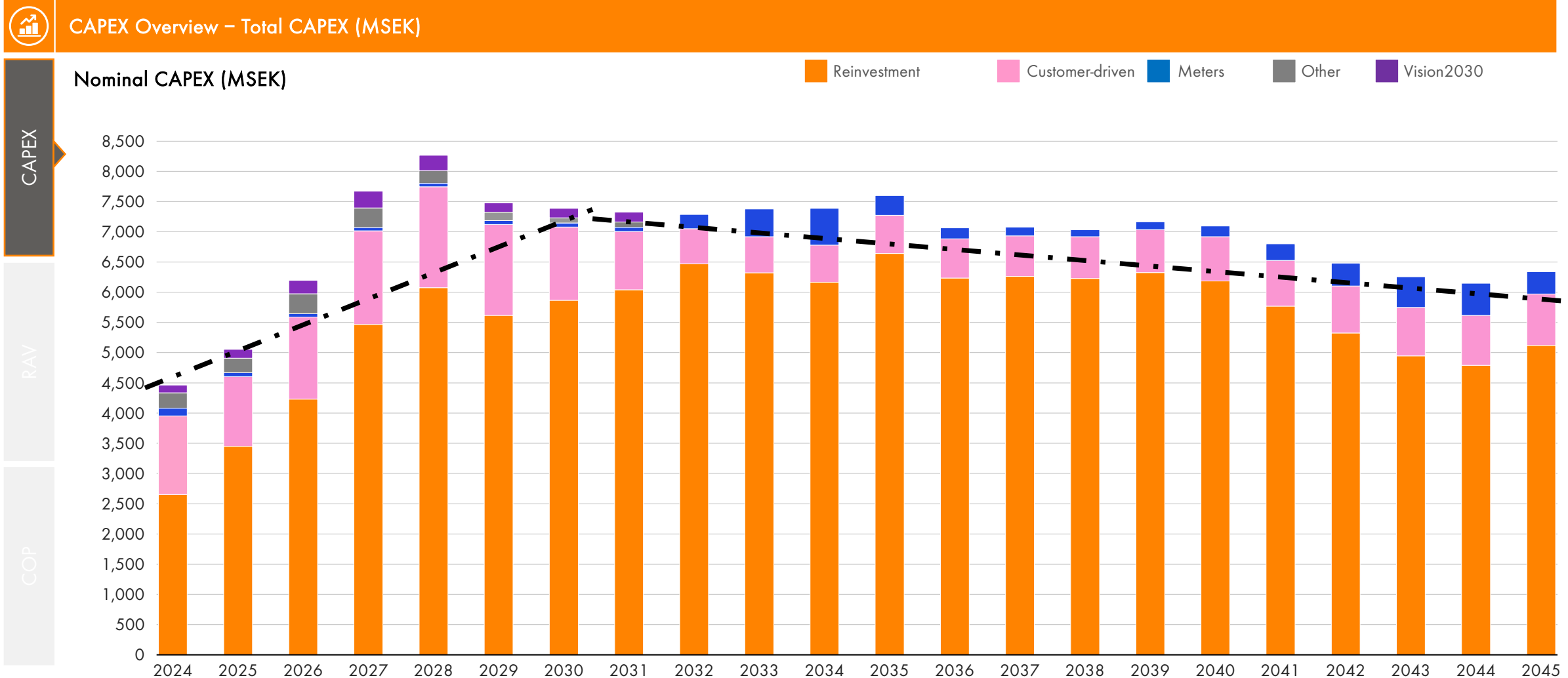


Great interest in establishing and connecting data centers



Shortage of suppliers, contractors, materials and critical components

There is a great need for future investment – and then we are still conservative with customer-driven investments



In order for us to solve the equation, we need...

- Long-term rules of the game
- shorter permit processes
- Efficiency and standardisation
- Delivery ability at all stages
- Focus on safety and the environment



The need for maintenance is also great

- We are largely maintaining the previous level of ambition for maintenance in the coming plan
- We must ensure that maintenance money goes to activities that do the most good (risk and condition management) rather than fixed intervals
- We must measure progress on preventive maintenance in a structured way in relation to plan
- AI, digitalisation and automation will bring new ways of working, not least for maintenance and fault rectification

A lot of electricity grids must be built* and interest in our industry must increase

- We need to attract more employees to the industry. From the investment analyst at Ellevio to the excavator operator in the field
- We need to increase the number of suppliers of field and contracting services and also the number of suppliers of strategic materials
- We need to productize, standardize, and find economy-of-scale
- Ellevio is not alone in increasing its network investments, it is a global trend

* Flexible services, batteries, conditional subscriptions, and new tariff structures are also expected to play an important role going forward as alternatives to investments to handle new requests

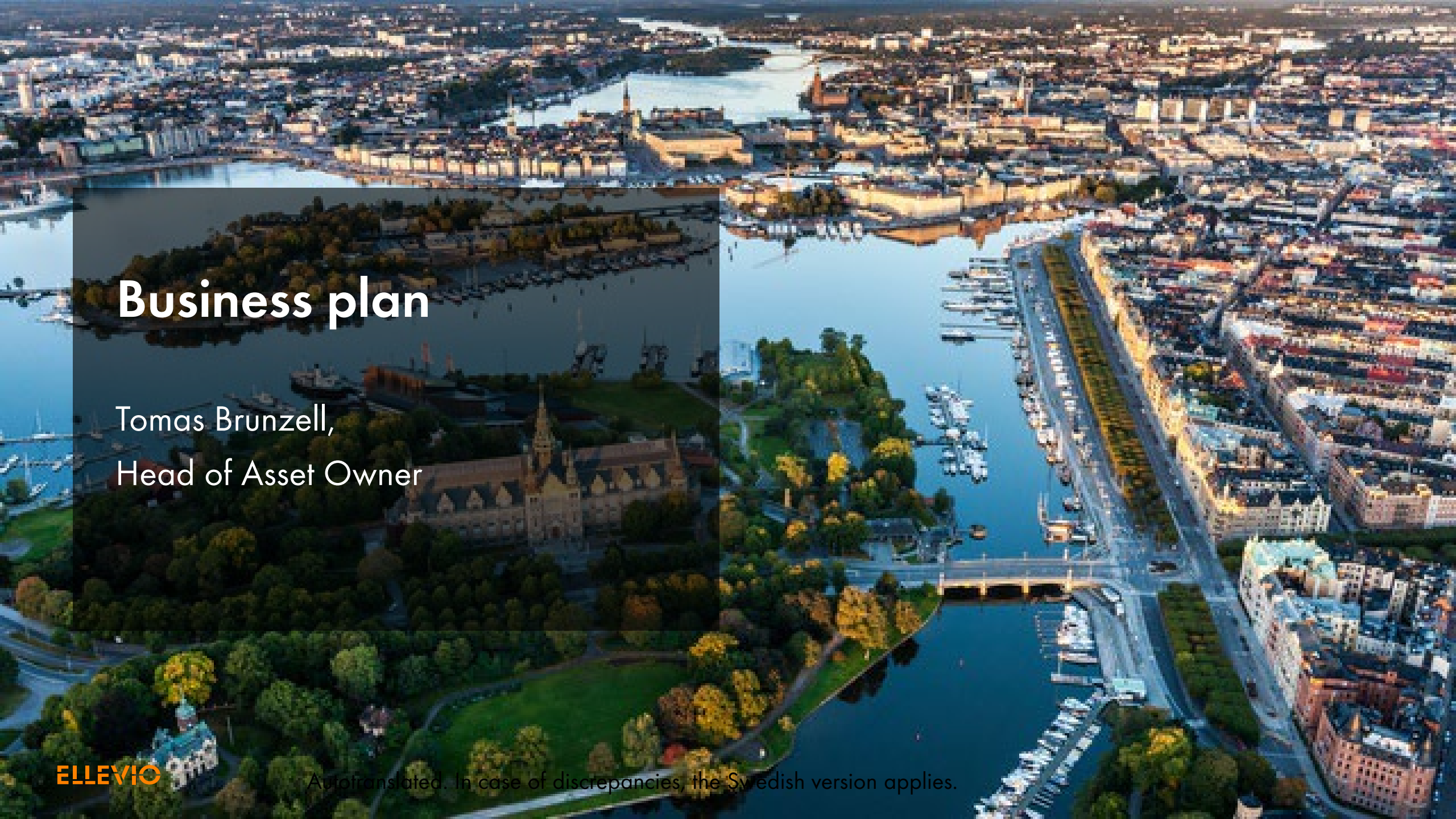


We operate together in a fantastic industry!

- We are part of enabling net-zero emissions by 2045
- We electrify existing Swedish industry and enable the establishment of new industry with a significant role in the energy transition
- We connect new electricity production to meet growing needs
- We electrify the transport sector, ports, road transport and public transport
- We are upgrading an aging electricity grid, increasing capacity, digitizing, and increasing the degree of automation



ELLEVIIO

An aerial photograph of a city, likely Stockholm, Sweden, showing a dense urban area with a river and a bridge. The image is used as a background for the text.

Business plan

Tomas Brunzell,
Head of Asset Owner

Ellevio's network in Stockholm

Number of customers

600 000

Area

- Stockholms stad
- Ekerö
- Lidingö
- Täby
- Nynäshamn
- Vallentuna

Number of stations

Substations (local networks)	3 000
Substations (regional grid)	80
Primary substations	5

Primary substations

- Värtan
- Beckomberga
- Bredäng
- Skanstull
- Högdalen

Ellevio's network in central Sweden

Number of customers

370 000

Number of km line

High voltage	6 200
Medium voltage	23 000
Low voltage	35 000

Degree of insulation 2014	69 %
Degree of insulation 2024	87 %

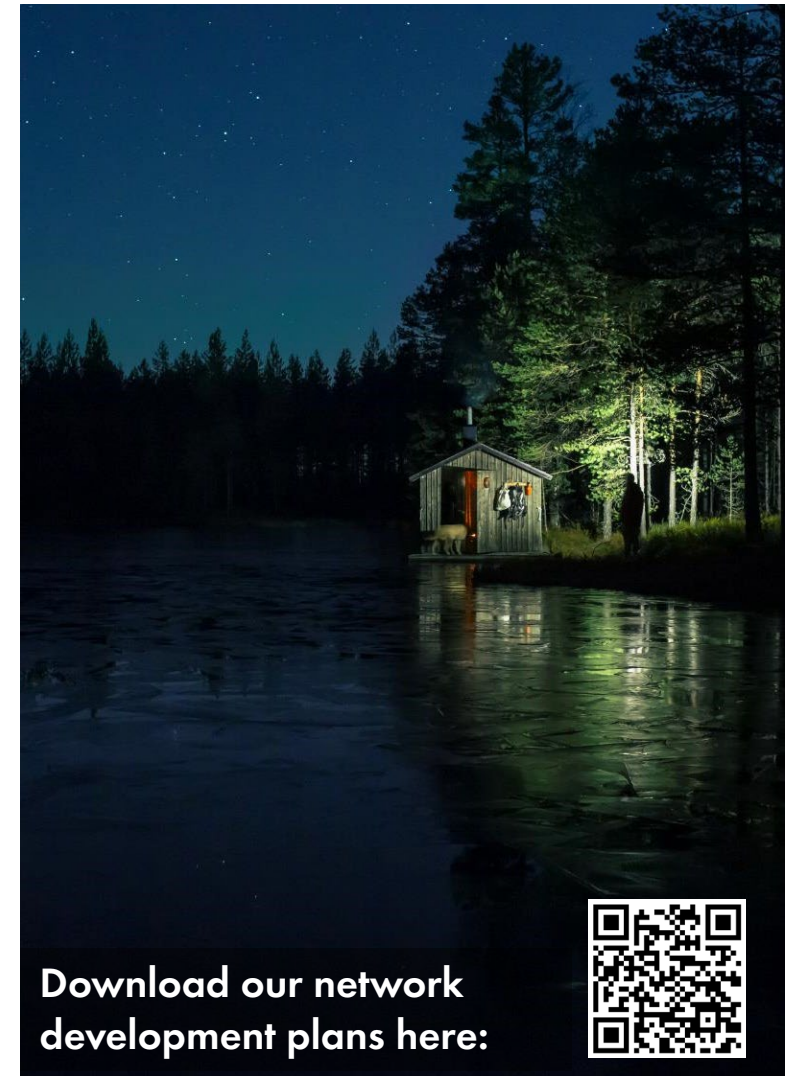
Number of stations

Substations (local networks)	21 000
Substations (regional grid)	430
Primary substations	11



Happened in 2024

- New organisation within AMO – we have gone from two geographies (central Sweden and Stockholm) to a more process-adapted organisation
- Network development plans – Reports published on external website
- Volvo has announced a delay in the battery factory in Mariestad
- Gäddtjärn 340 (740) MW. Wpd wishes to pause the entire project for 2-3 years, i.e. commissioning in 2030-2031 instead of 2027-2028
- Kvarnsveden 250 MW: EcoDataCenter steps in instead of Northvolt
- Several LUF procurements in Stockholm
- Several ongoing transformer procurements
- Package 1 assigned to Hyundai 6pcs (+2) 750/500MVA 420/145 kV power transformers
- Package 2 is in progress 5 (+2) 750/500MVA 420/145 kV power transformers
- Package 3 consists of 4 500MVA 420/220 kV power transformers
- Framework agreement procurement is underway for about 100 10–25 MVA transformers

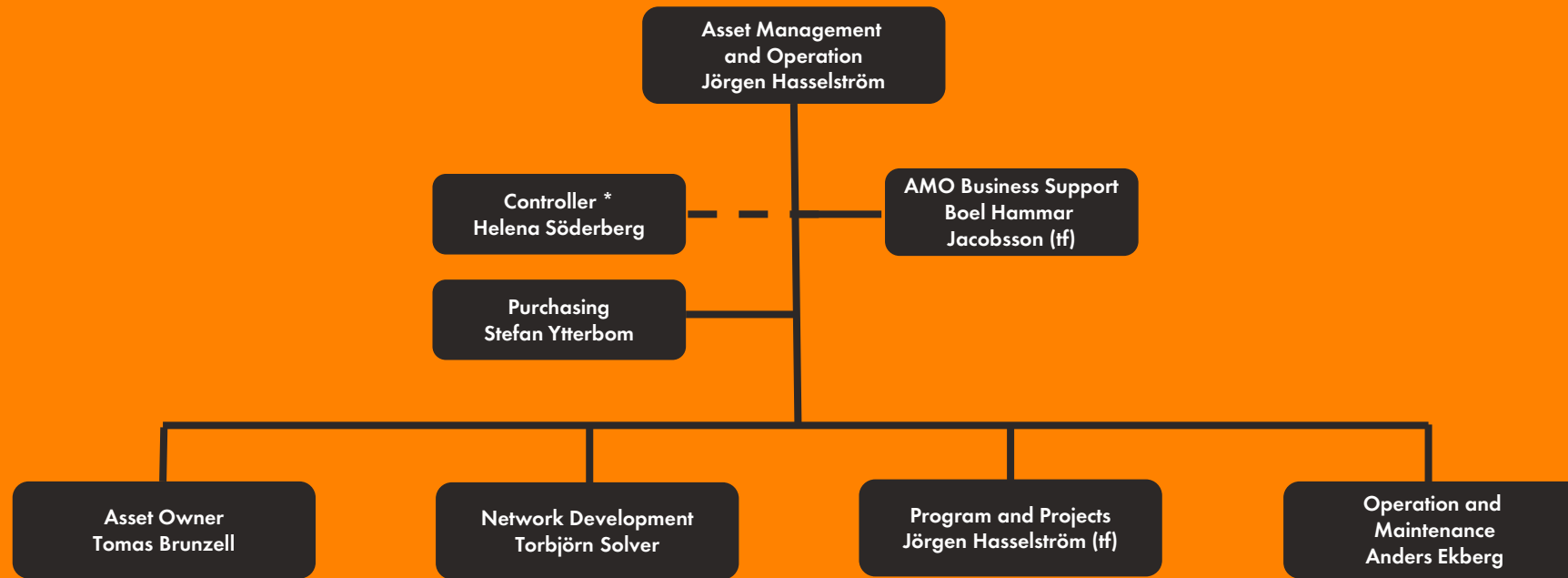


Download our network
development plans here:



Asset Management and Operation

Structure from 1 October 2024



We are increasing investments in tomorrow's electricity grid to meet customer needs and energy transition

Goal 2027

Through a geographically independent organization and strategic initiatives, we have achieved a high degree of digitalization in the electricity grids and a data-driven decision-making process

We are perceived as a responsible and innovative industry leader, which makes us attractive to work with, and contributes to efficient investments

Activities focus on, among other things:

Investments that enable electrification: renewal, capacity, digitalization, storage, flexibility

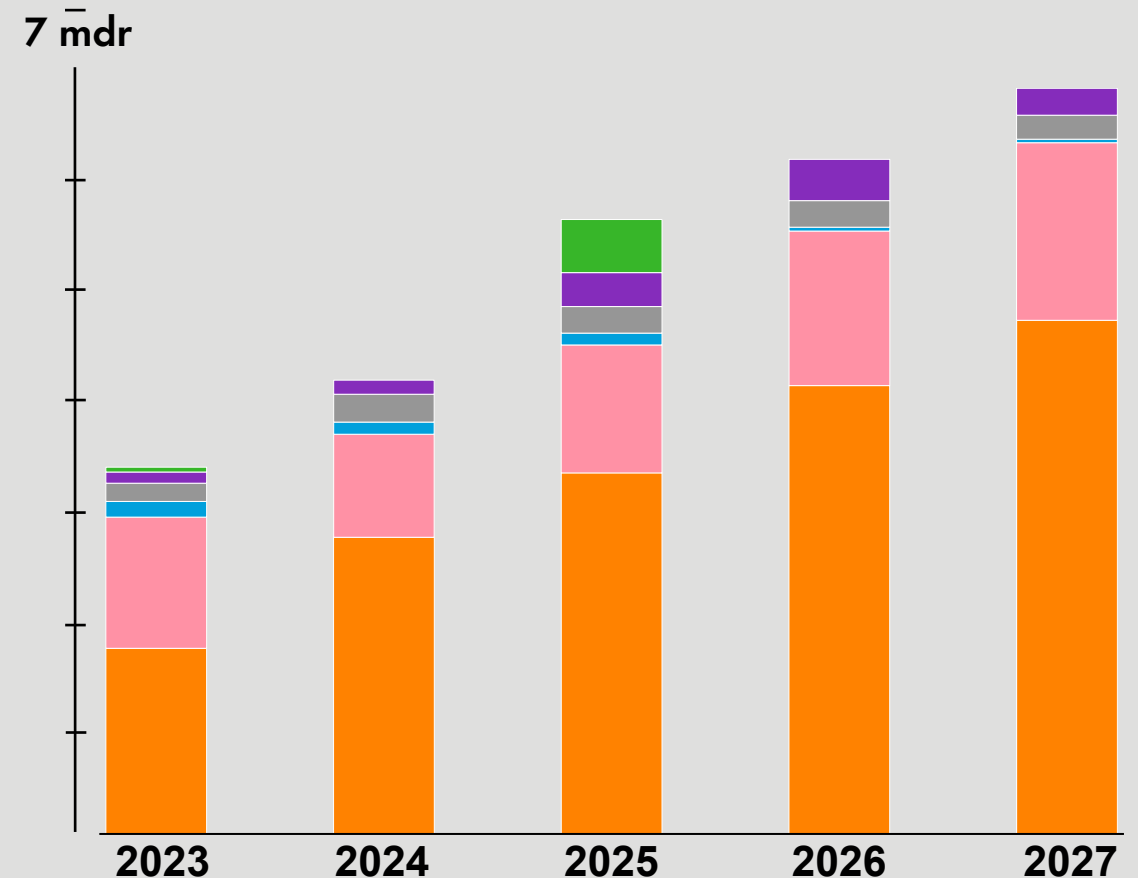
Develop decision-making process with data-driven prioritization of investments

Improved operational systems with new tools for analysis

New business integration

Constant focus on safety

Investment plan in billions of kronor



Network development plans

Nätutvecklingsplaner = NUP

Download our network development plans here:



Background – Why do the electricity network companies do this?

The Electricity Market Directive



2019

2022

2024

2025

Implemented in the Electricity Act and in the Ordinance on Electricity Network Operations

Final regulations for the NUP entered into force (incl. a guide)

The grid companies have a job to do here

31 December: First reporting of the NUP for 2025-2034



And further of course...

What should the network development plans contain?

- Forecast of transmission capacity needs
- Need reported in MW per sub-area
- Current and future grid constraints, as well as the need for flexibility services
- Reporting of capacity constraints in own electricity grid and in overlying electricity grid
- Planned capacity-enhancing investments
- As well as the forecasted need for flexibility services
- The company's assessment of the capacity situation



Driving forces in Ellevio's electricity network

Large-scale solar power generation increases the need for transmission capacity



Electrification of the transport sector affects the need for transmission capacity throughout the country



New establishments and electrification of existing industry are a clear driving force



Great interest in new wind power establishments that create threshold effects in demand forecasts



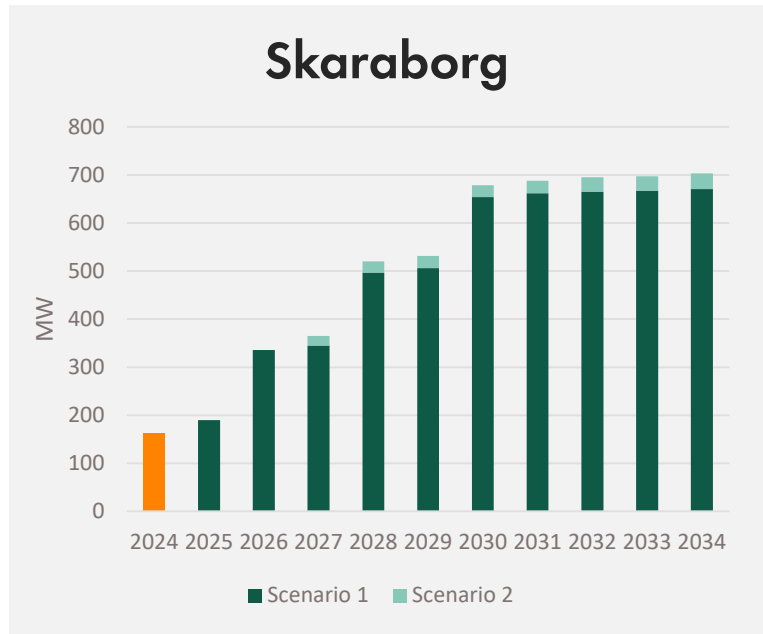
New data and data centers are driving the need for transmission capacity for consumption in many of our sub-areas



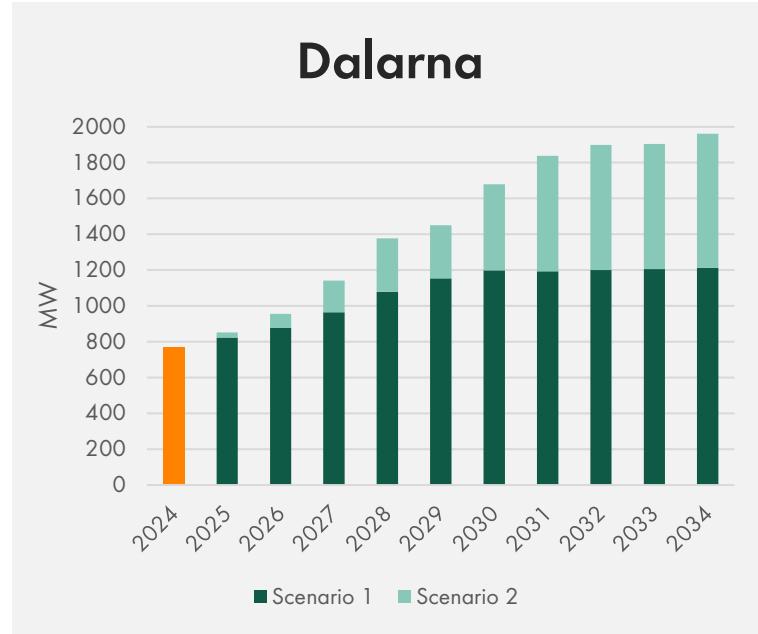
Population growth and associated needs affect the need for transmission capacity at the local level, but have a marginal impact at the regional level



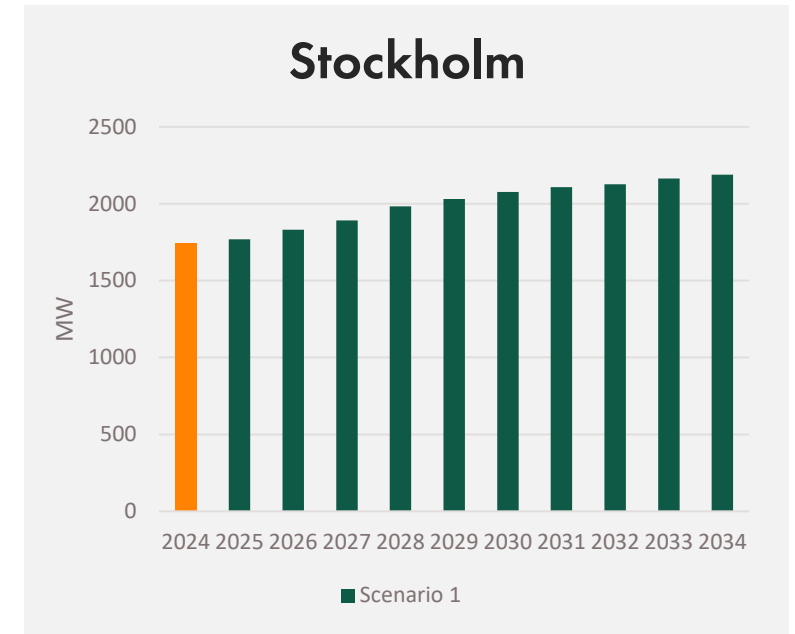
Development in sub-areas differs



- Example of an area with typical threshold effects in the forecast
- Large additional establishments that drive the need



- Example of an area with a high number of requests at an early stage
- The uncertainty about future needs is getting a little bigger



- Example of an area where population growth and associated needs are the main driver
- Higher security

Capacity assessment of our sub-areas

Against overhead power grids:

- In several of our sub-areas, we have current or possibly future restrictions on overhead electricity networks
- Plans to remove these restrictions exist in most areas
- In the areas where concrete plans are currently lacking, dialogue is ongoing about potential solutions

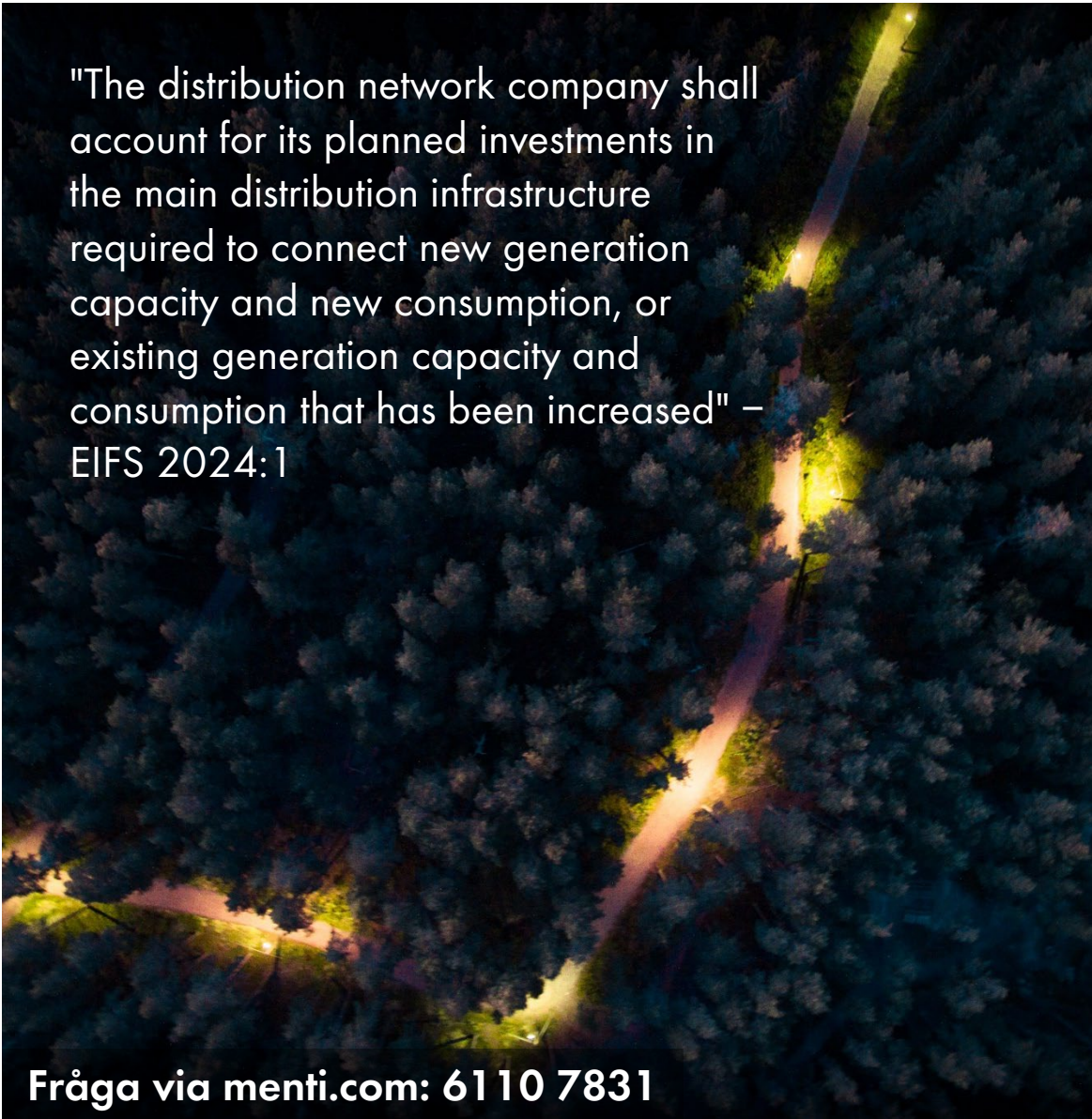
In your own electricity network:

- In several of our sub-areas, we also have current or possibly future restrictions in our own electricity network
- Additional investments are needed in the period 2025-2034 to meet the need
- The limitations arise mainly during fault cases
- Generally large point loads and production facilities that are challenging

Possible solutions

- Further capacity-enhancing investments
- Conditional and bilateral agreements
- Can enable connection of a larger customer before the network is expanded
- Market-based flexibility solutions
- Can enable effect in a sub-area
- Power tariffs





"The distribution network company shall account for its planned investments in the main distribution infrastructure required to connect new generation capacity and new consumption, or existing generation capacity and consumption that has been increased" – EIFS 2024:1

Fråga via menti.com: 6110 7831

Reporting of investments in the network

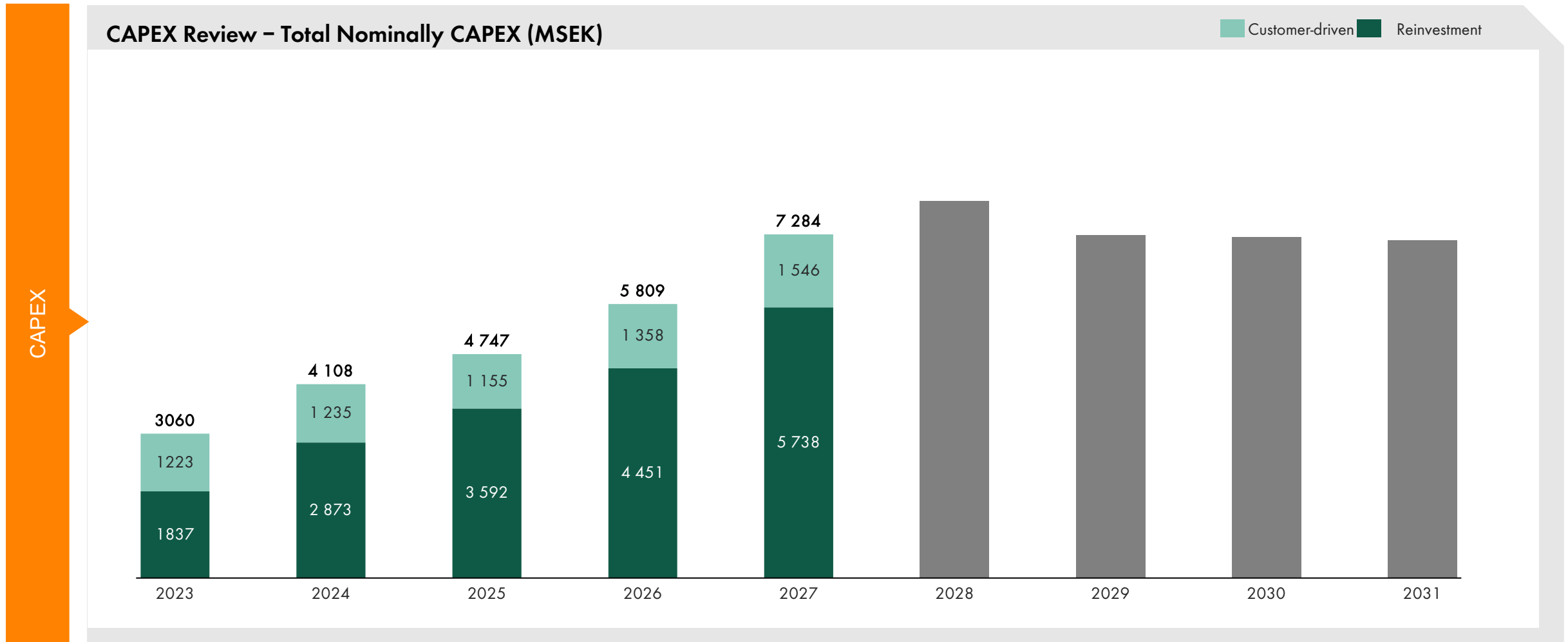
- The investments reported are mainly capacity-enhancing projects in the regional network,
- Area-by-area review of investment projects or investment packages.
- Ellevio's network development plan for 2025–2034 was submitted to Ei on 20 December 2024 and was preceded by a public consultation between 13 September and 31 October.
- The plan is available on Ellevio's website <https://www.ellevio.se/om-oss/elnat/natutvecklingsplan/>



An aerial photograph of a high-voltage power line tower situated in a dense forest. The tower is a complex metal lattice structure with multiple cross-arms supporting several power lines. The surrounding area is a mix of green deciduous and evergreen trees, with a dirt road or path visible near the base of the tower. A semi-transparent black rectangular box is overlaid on the center of the image, containing the main title text.

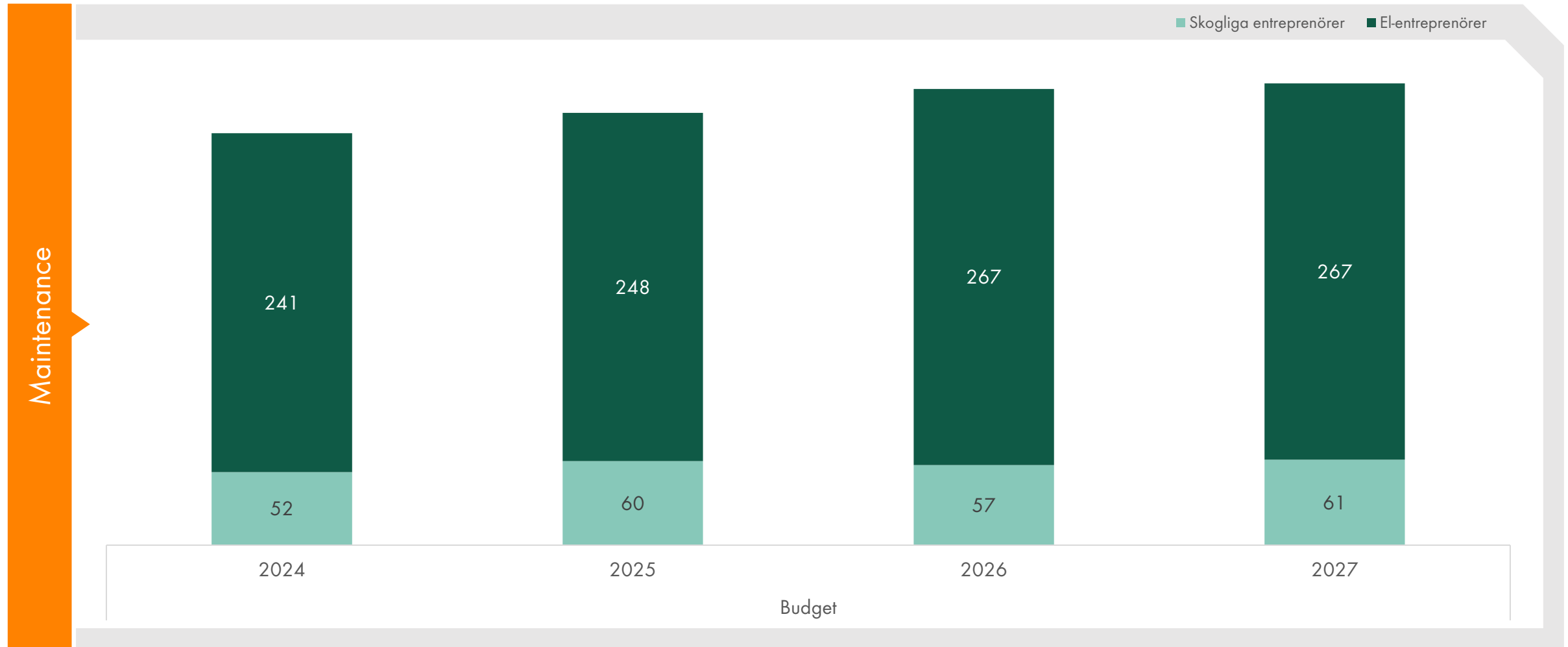
Upcoming investments and maintenance

Future investments (2023-2031)

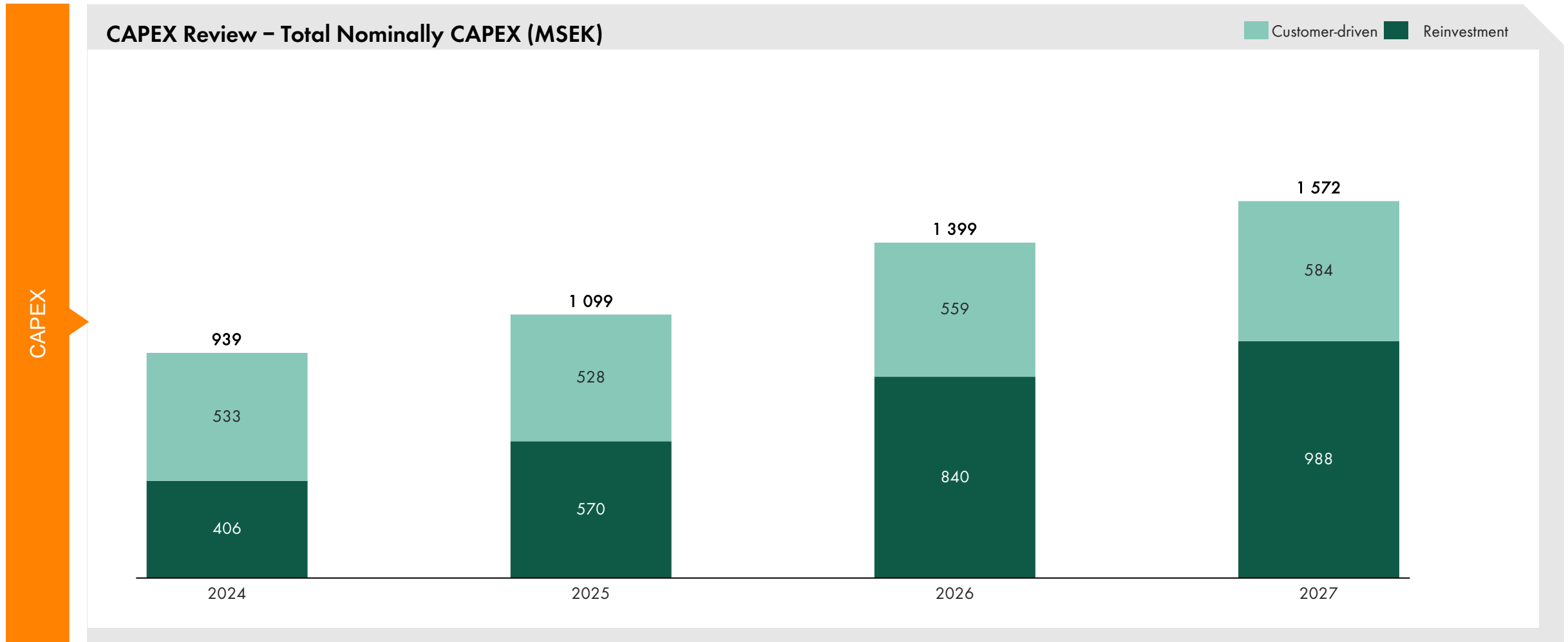


Maintenance – Ellevio

2023–2027

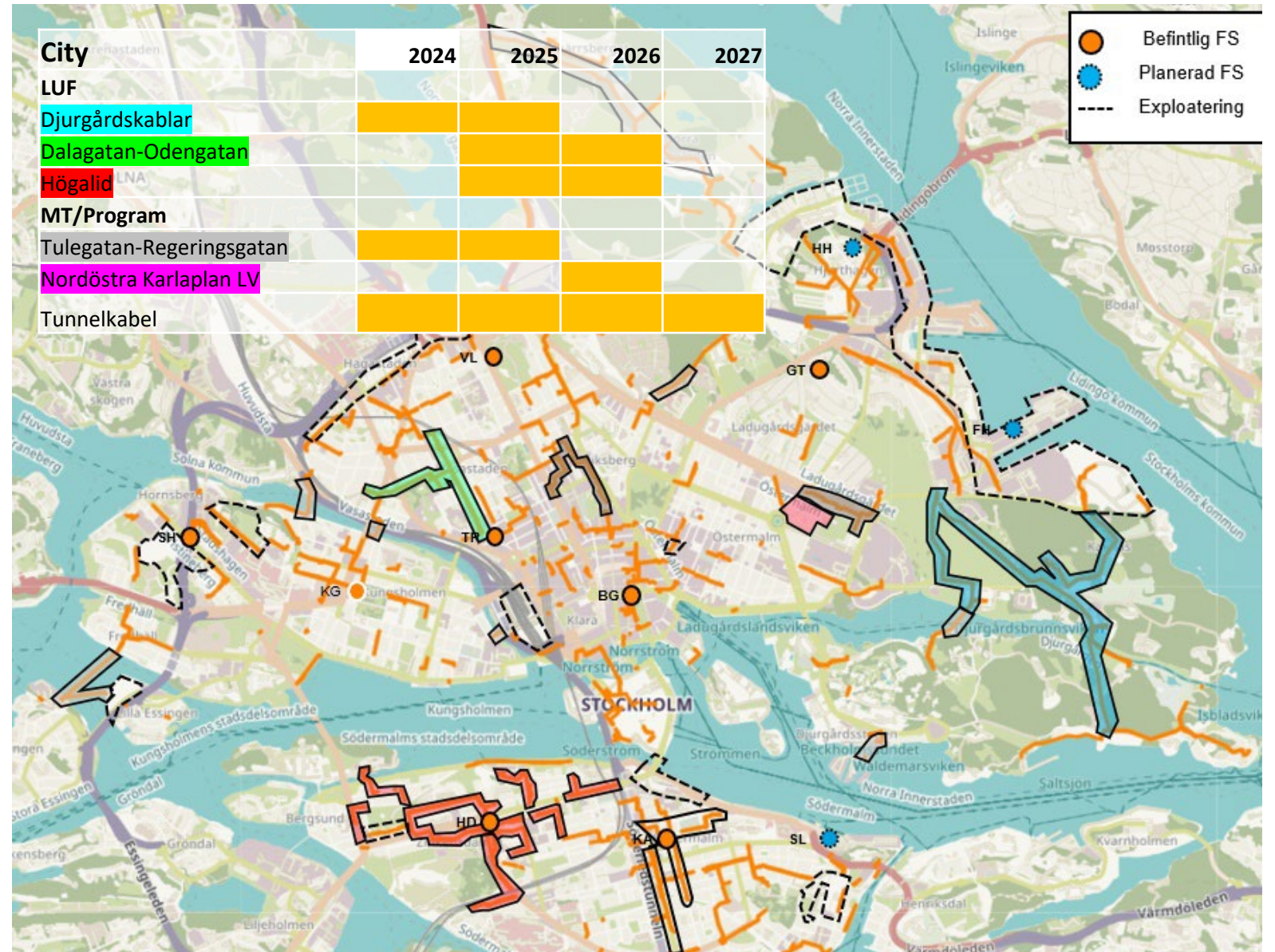


Upcoming investments in local networks Stockholm (2024–2027)

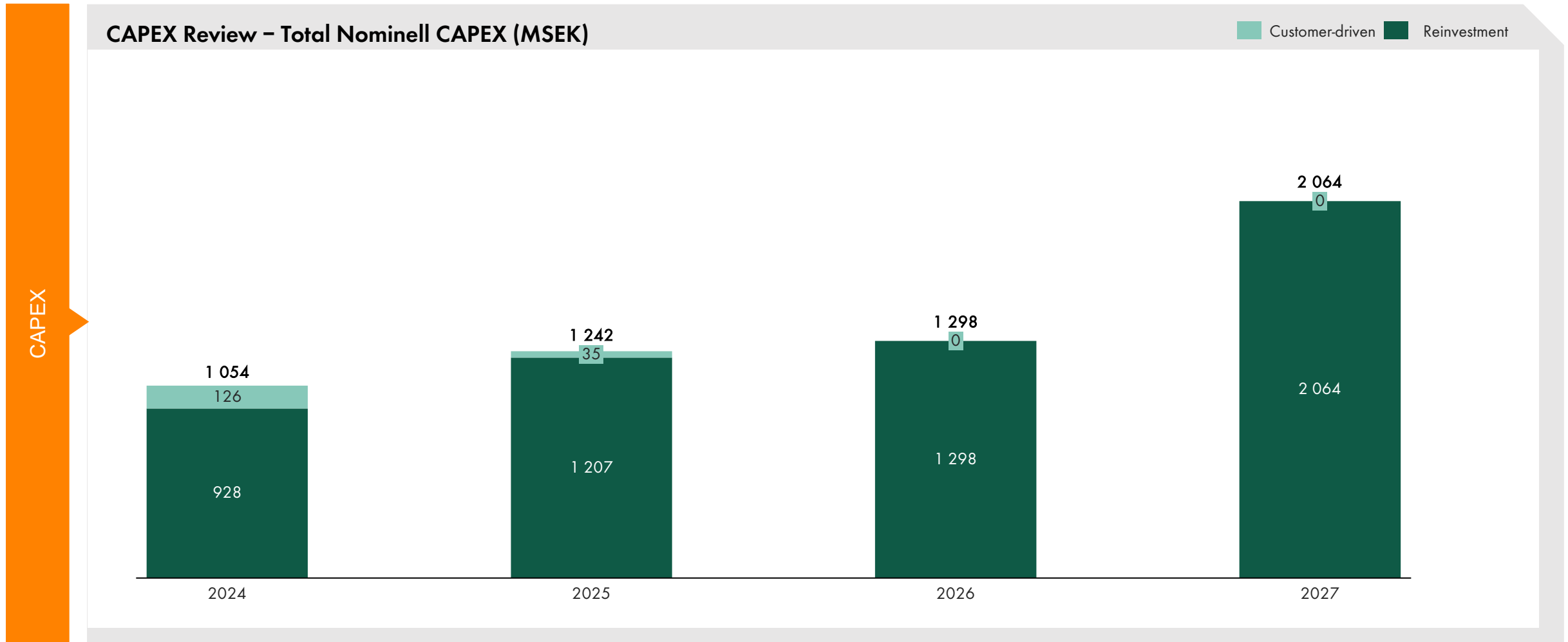


Example large projects/programs

- Renewal of 0.4 kV cable network
- Northeastern Karlaplan LV renewal
- Tunnel cable MV
- Lead Paper Exchange (BG/TR)
- Submarine cable renewal
- Renewal/reinforcement 10 kV cable network
- Högalid MV renewal
- Dalagatan-Odengatan MV renewal
- Djurgårdskabellar MV renewal
- Tulegatan-Regeringsgatan renewal
- Östgötagatan renewal



Upcoming investments in regional networks Stockholm (2024–2027)



Examples of some large projects

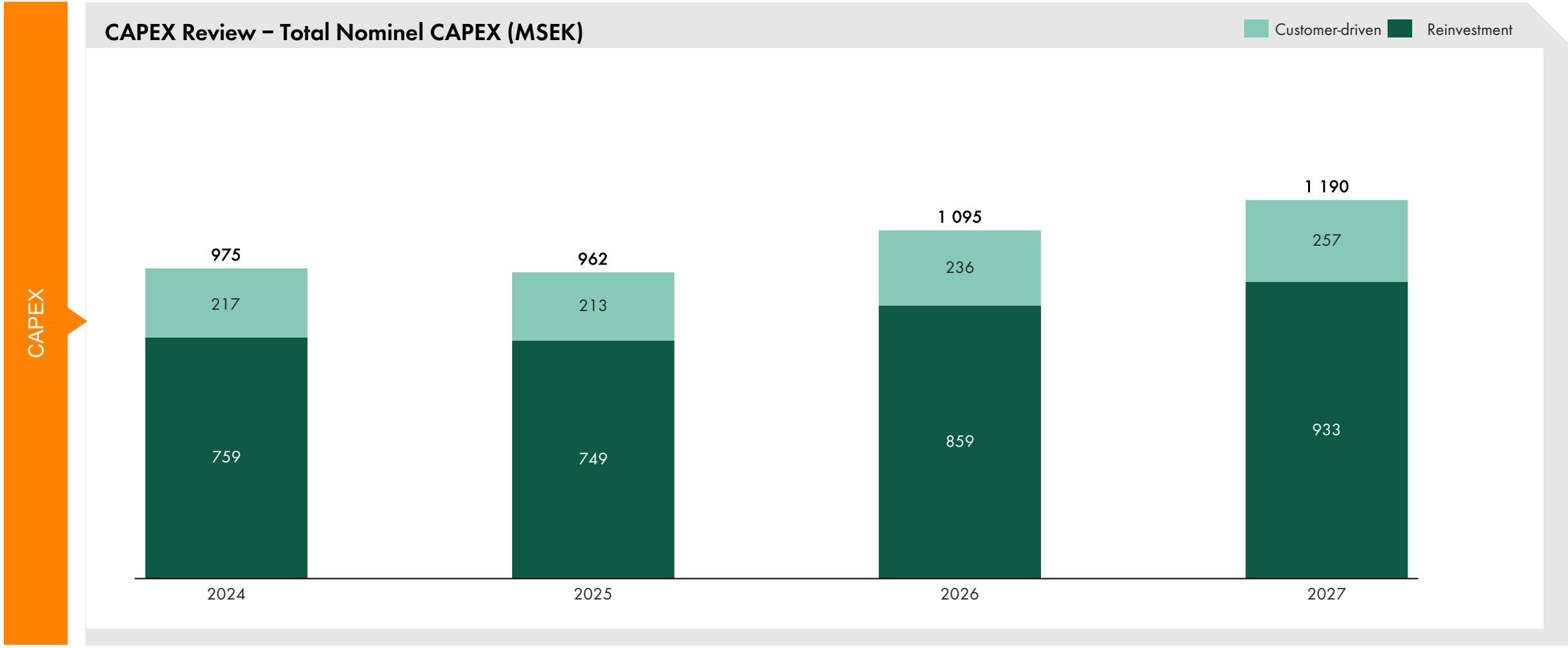
Station projects

- Liljeholmen
- Perstorp
- Bromsten
- Bredäng
- Tegnerberget
- Kronoberg

Transmission projects

- RL9 (Högdalen – Skanstull)
- KL27/KL28 (Tegnerberget – Skanstull)

Upcoming investments in local networks in Central Sweden (2024–2027)



Examples of Local Network Projects Central Sweden

General focus areas

- Capacity to secure growth and customer satisfaction
- Weatherproofing
- Vision 2030
- Substation and cable cabinet replacements

Dalarna, Hälsingland

- Continue weatherproofing, older parts are fixed
- Ryssa and Lindesnäs
- Two-set

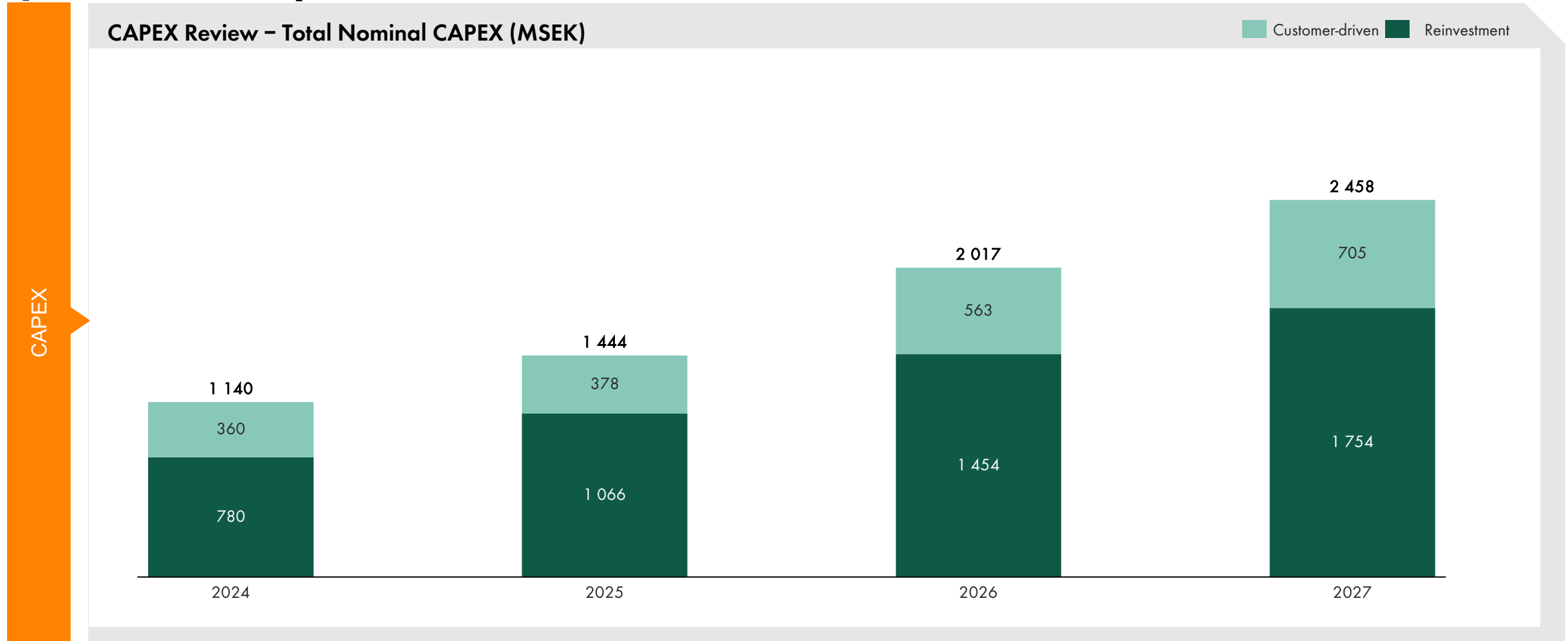
Västra Svealand

- Continue weatherproofing, older parts are fixed
- Kyrkheden, Mölnbacka, Munkfors
- Väsby
- Substation changes Bergslagen

Västkusten

- Continue weatherproofing (but not to the same extent as other areas due to a higher degree of insulation)
- Orust and Tjörn
- Substation and cable cabinet replacements

Upcoming investments in regional networks in central Sweden (2024–2027)



Examples of Regional Grid Projects Central Sweden

Station projects

- Tandö
- Repbäcken
- Njutånger
- Volvo i Mariestad

Transmission projects

- Sälen – Brattströmmen
- Idala – Väröbacka XL1 1
- Njutånger – Norränge AL102
- Kil – Karlstad – Dalstorp OL8

Programs and Projects



Current projects/procurements Central Sweden

Magnus Albinsson,
Head of Program & projekt Mid-Sweden

Local network project Central Sweden

- 202 projects commissioned in 2024, corresponding to approximately:
- 686 substations 12kV & 24kV
- 566 km cable 400V
- 322 km cable 12kV
- 110 km cable 24kV
- 7 different (total) contractors involved ...
- ... with a continued focus on safer projects



Regional Grid Project Central Sweden 2024

- 32 commissioned projects, of which
- 2 overhead line projects
- 2 cable projects
- 21 station projects
- 2 larger battery connections
- Transformer replacements, device replacements, reinforcements, extensions



Follow-up promised by Local Network Central Sweden LUF 2024

Nr	Paket	Project name/area	FFU to market	Follow-up 2024
1	Skaraborg 2	Horn	Klar	
2	Värmland 2	Mölnbacka, Munkfors, Kyrkheden	Klar	
3	Gävleborg 2	Tosätter	Klar	
4	Dalarna 2	Lindesnäs, Ryssa	Klar	
5	Skaraborg 3	Halna, Hjalstad, Åtorp	Klar	
6	Västkusten 4	Orust, Tjörn	Q1, 2024	Done/Ongoing
7	Värmland 3		Q3, 2024	Done
8	Gävleborg 3	Landafors, Sunnansjö	Q4, 2023	Done
9	Dalarna 3		Q2, 2024	Changes
10	Skaraborg 4		Q2, 2024	Changes
11	Värmland 4		Q1, 2025	-
12	Gävleborg 4		Q1, 2024	Done
13	Värmland 5		Q3, 2025	Changes
14	Gävleborg 5		Q4, 2024	Changes
15	Dalarna 4		Q2, 2025	Changes

All promised Radisson A projects: **Done!**

- L008 Borgvik
- M16 H5 Idre, Floåsen
- L015V Brårud, Ås, Sunne
- M25 H5 Gördalen
- M11 Väsa, Blyberg
- L4852 Björsarv, Njuparna
- L4814 Holmberg
- L9216 Humstorp, Fägre, Snillebo
- L6102 Vannsätter, Mobodarne
- L9221 Hunnekulla, Solliden
- M18 H12 Fjätervålen
- L142 Krokstrand, Flåghult, Björneröd

Follow-up promised by LUF Regionnät in 2024

<u>Regionnät</u>	<u>FFU to market</u>	
– Transformatorer 500+750 MVA	2023-Q4	Done
– Dejefors 36kV	2023-Q4	Done
– Myggenäs 40/10 kV	2023-Q4	Done
– Siljansågen 50/10kV	2023-Q4	Done
– Silvergruvan 30/10 kV	2023-Q4	Done
– Borgvik 30/10 kV	2024-Q1	Done
– Öna 50/10 kV	2024-Q1	Done
– Billdal 130/10 kV	2024-Q2	–
– 170 kV ledning Malung, Lyberg	2024-Q2	Done
– Skärhamn 40/10 kV	2024-Q2	Ongoing
– Njutånger 400/130 kV	2024-Q3	Done

General information

Local network Central Sweden

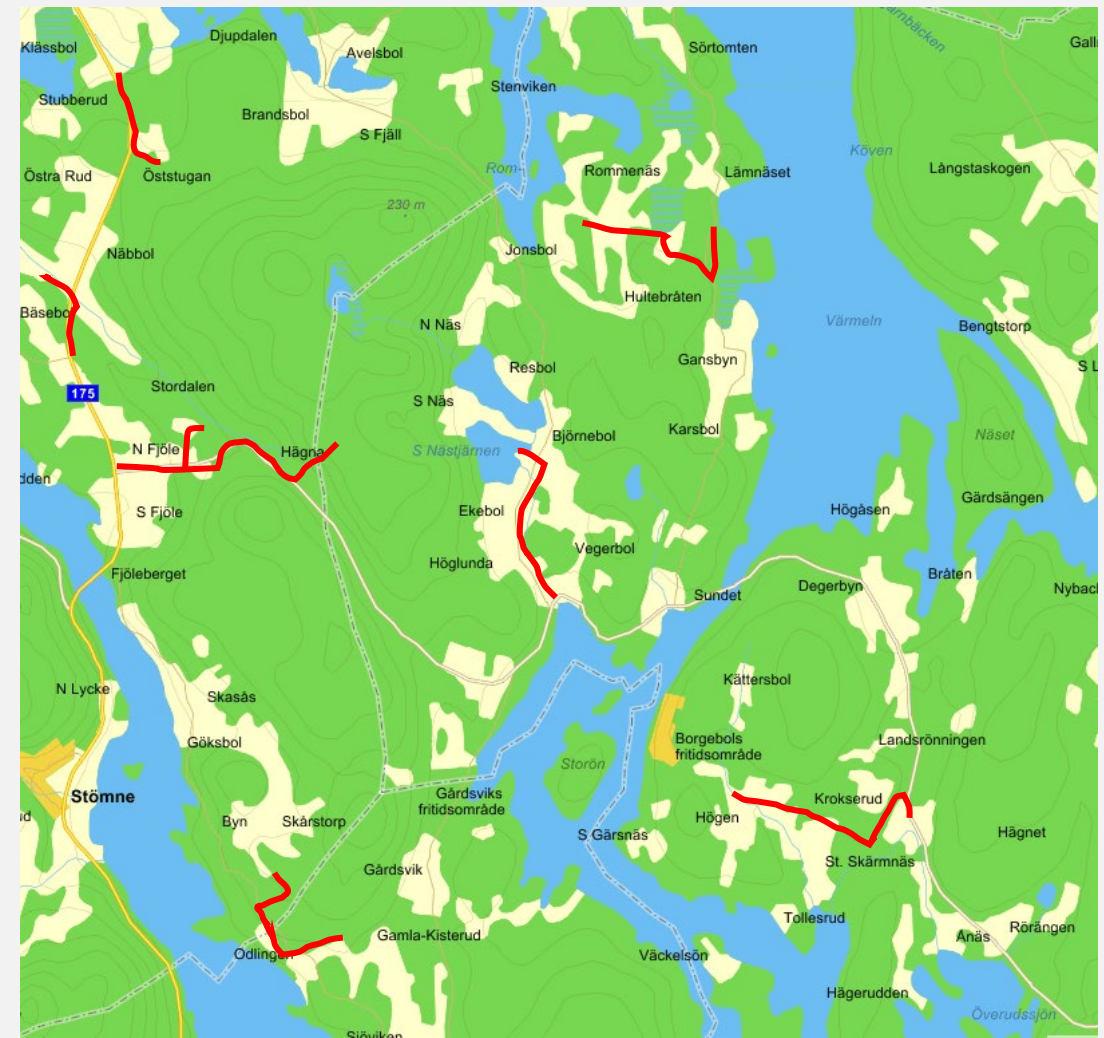
- Continued very high production of local networks in the Ellevio concession area
- Awarded framework agreement Radisson 3B in December 2024
- Operation, maintenance and minor investments
- At least 5 years
- Southern Norrland – One Nordic
- Västra Svealand – One Nordic
- West Coast – Vattenfall Services Nordic



Changed nature of local network projects in the future

- Ellevio has carried out major weatherproofing projects since 2005
- Becoming more difficult to achieve coherent larger project areas entails:
- merging several smaller project areas into one LUF or FKU
- or several smaller projects
- The project size will vary depending on the timing and contractor opportunities
- More moves/replacements of substations and cables
- More time-critical projects
- Major project regarding supplementation of substations to remote-controlled (Vision 2030)

Diversified project area



Local network Investment project SEK <2.5 million

- Radisson 3B at least up to the total guarantee volume per agreement territory
- ELWIN – Qualification system Small contracts
- Bohuslän and Halland
- Possible other agreement areas in the future



Local network Investment projects SEK 2,5–20 million

- Radisson 3A (2023-2027)
- Direct call-offs according to the order of precedence in each agreement area
- Renewed tendering

Planned Radisson A project LN Central Sweden

L9083 Granliden - Blomsterhult - Ekenäs 3 st nya fjärr
L223 Ålgårda
L3206 Hamra-Björkberg- L3224 Malungshed (3nya fjärr)
M16 Vassbo - Guttusjön
L015X Svartserud - Stöpafors (20 kV)
L9593 Mo - Håkanbol (Fjärr, nya 8st)
L238B, L238C Älvestorp (2 nya fjärr i 1 NS)
ÅEB Kablifiering LSP Varla/ Anneberg
L4706 Rogsta-Malsta (5 st nya fjärr)
LIS Lindesnäs Kullen, MV JK & LV
L9415 Anderstorp-Fallet-Grönelid-Kvarnsjöfallet
L189 Töcksfors - Nästeviken
L1013, L1015 Ren-Dönje
L151, L152, L153, L154 Lindome C. Byte ELA 12 samt oisolerade KS. (12 nya fjärr)
L3529 Skästra-Järvsö (4 nya fjärr i NS)
BT34 L341-L342 Tegelstrand omb MV-nät (3 nya fjärr i NS)
Flytt av anläggningar pga Nya Onsalavägen
L6555 Vifors-Hamrångefjärden
L1125 Stavsberg
L158 m,fl Sinntorp Omb Investering Msp-Lsp
M15/M25-M25-H6 Mickeltemplet-Byggevallen
M11 Väsa - Blyberg (Utökn. Blybergssågen)

Local network Investment project SEK >20 million

- Separate LUF procurements – few or none
- None planned at the moment
- Can be relevant in areas where there is a need in the network and contractors who have the opportunity for larger projects



General information

Regional network Central Sweden

- Increasing production of reinvestments, especially in Hälsingland/Gästrikland (NorthSouth)
- Fewer wind power projects compared to previous years
- Difficult with long delivery times for materials, specifically larger power transformers
- Several different project areas with a lot of activity:
 - NordSyd
 - Tandö
 - Mariestad





Regional network investment projects <20MSEK

- Framework agreement Radisson A
- Difficult to get tenders for our smaller regional network procurements
- Long delivery times materials
- Few planned projects in this range
- Replacement power transformers, disconnectors, circuit breakers and RTUs
- Security-enhancing measures and pipeline relocations
- Packaging of smaller projects will take place

Coming RN LUF STN

Rebuilding OT291 Gottskär

Rebuilding TT20 Ängås 40 kV

Kvarnsveden rebuilding 130kV <250 MW

Rebuilding Forshult 1 and 2, 130 and 50 kV

Repbäcken Design Reconstruction

Rebuilding OT251 Sätilla

Regional network investment projects Stations >20 MSEK

- Turnkey contracts
- From smaller wind farm stations to large main stations
- Most rebuilding but possibly new construction as well
- Possible collaboration contract for more complex projects with high uncertainty

Coming RN LUF OHL

55kV OL6 Holmagärde-Grimeton Rebuilding

OL8S2 Karlstad Ö- Väse Rebuilding

OL8S1 Kil-Karlstad Östra Rebuilding

OL8S4 Väse-Dalstorp

44kV BL12 Hjälmsstad-Röd Rebuilding

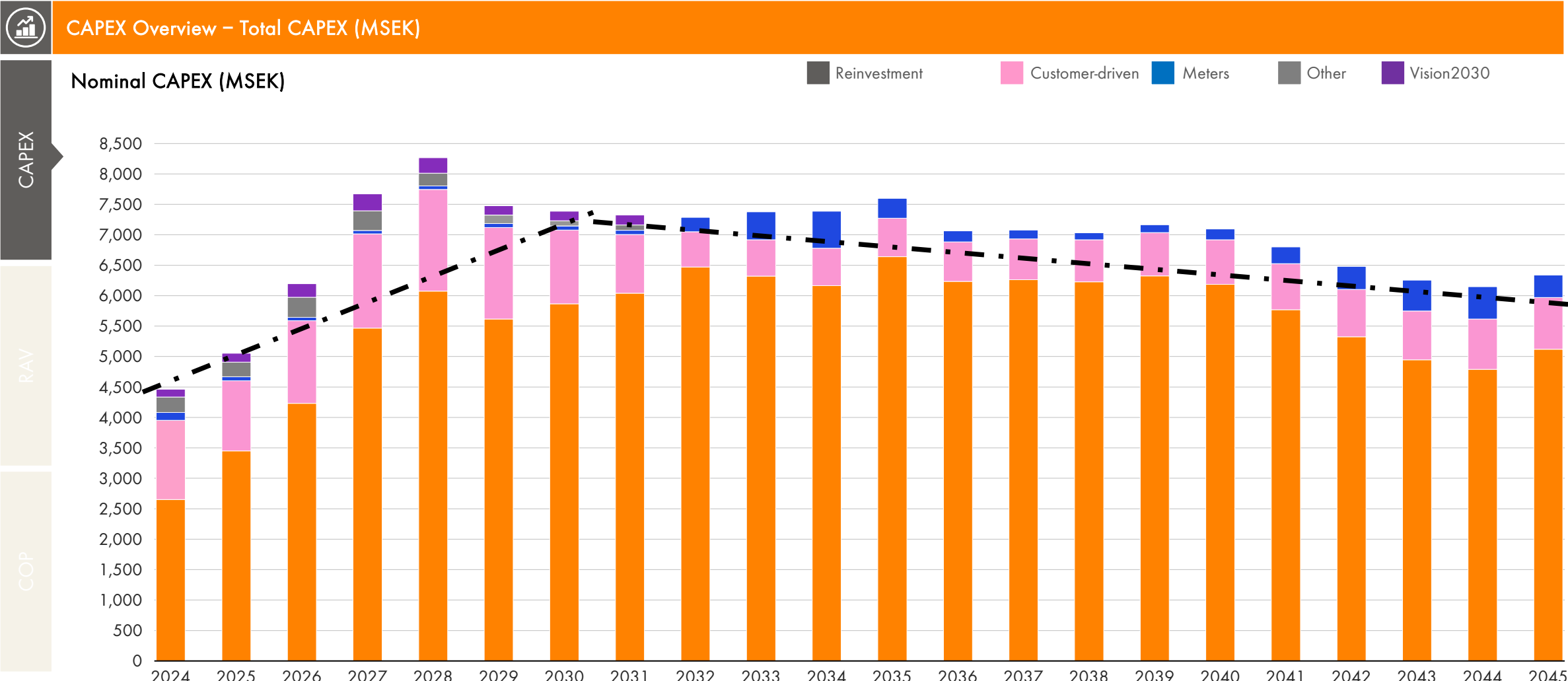
Ny 170 kV line Sälen-Brattströmmen

AL112/AL101 Njutånger-Mekrossla + Mekrossla - L24
(NS-ÖH)

Regional network investment projects Pipelines >20 MSEK

- Design and execution contracts
- Both new pipes and replacements
- Possible collaboration contract for more complex projects with high uncertainty

In conclusion: Continued full speed ahead



Autotranslated. In case of discrepancies, the Swedish version applies.

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Stockholm

Anders Eriksson,
Head of Program & projekt
Stockholm

Local network project Stockholm

165 st

projects commissioned
in 2024 corresponding
to approximately:

61 st

Substations 12 kV

153

km of cable 400 V

131

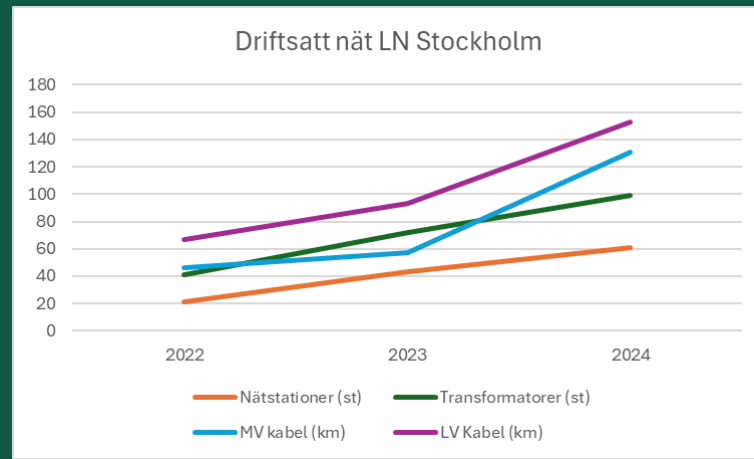
km of cable 12 kV

8 st

different (turnkey)
contractors involved

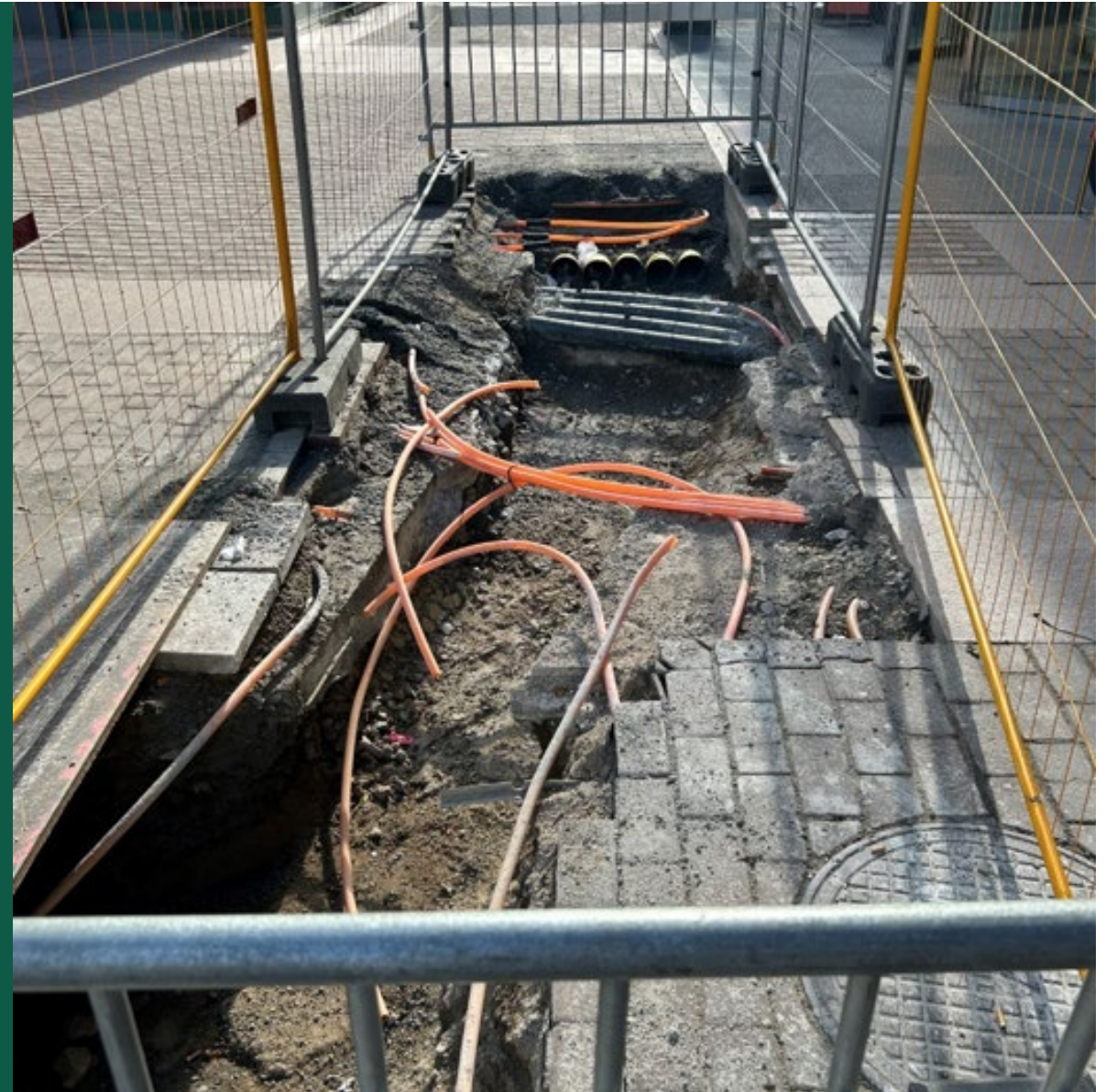
Local network Stockholm

- What did we promise last time?
 - Increase investment volumes for LN
 - Order 6-8 major projects per year
 - In the long term, have about 2 major projects in production per area



Local network Stockholm

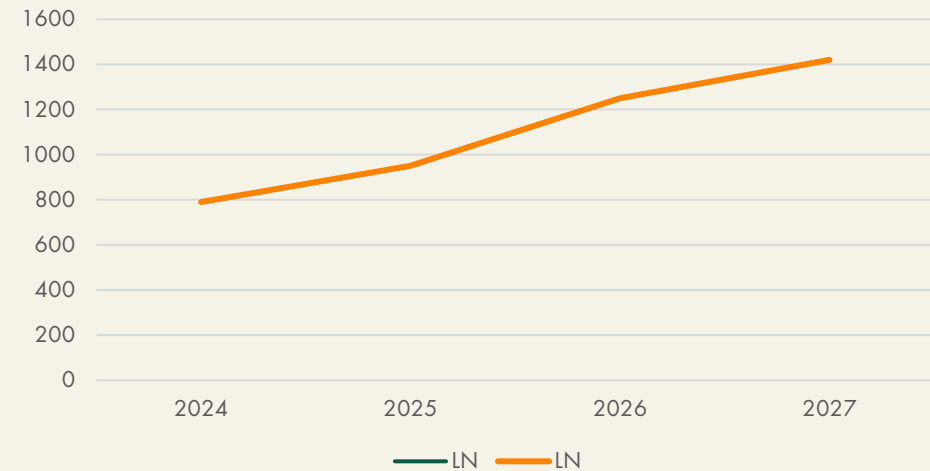
- How do we move forward?
- Initialize different types of programs
 - Station renewal
 - Increase the size of each project
- The goal is still the following distribution
 - Separate procurements 50%
 - FKU at Radisson A 30%
 - Call-off/Ranking Radisson A 20%



Lokalnät Stockholm

- We continue to increase investment levels in Stockholm

Investeringsnivå LN Stockholm



Stockholm Regional Project

6 st

projects commissioned in 2024 corresponding to approximately:

4 st

Cable project

2 st

Station project



Regional Grid Stockholm

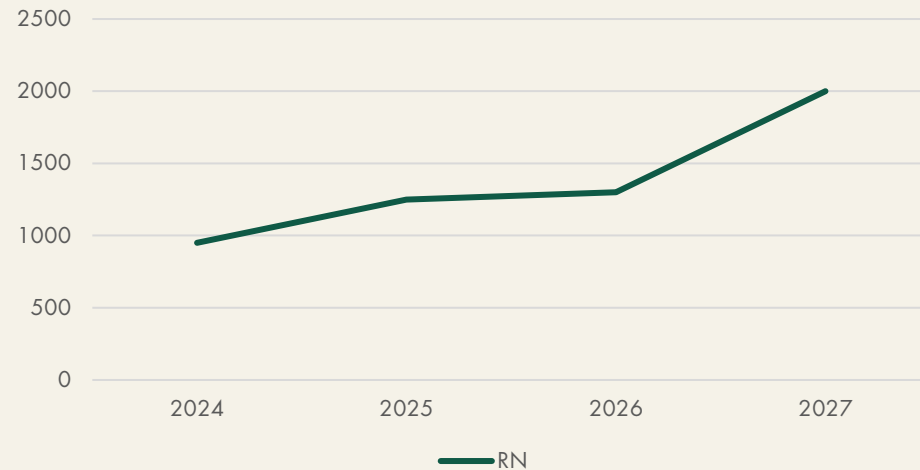
- Have we achieved the promised volumes for 2024?
 - Not really
- Main causes
 - It has taken longer to sign the accession agreements that we need for future connections
 - Continued challenges regarding land access
- At the end of 2024, we see good progress on the above issues



Regional Grid Stockholm

- How do we proceed?
 - We continue to reinvest in our stations and pipelines
- Agreement on station contracts 2025 (selection)
 - Liljeholmen
 - Perstorp (including cable joints)
 - Bromsten
 - Salo (including cable joints)
 - Bredäng

Investeringsnivå RN Stockholm



Regional Grid Stockholm

- We continue to increase investment levels in Stockholm

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Lunch

We start again at 13.00

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