

Supplier Day 2021

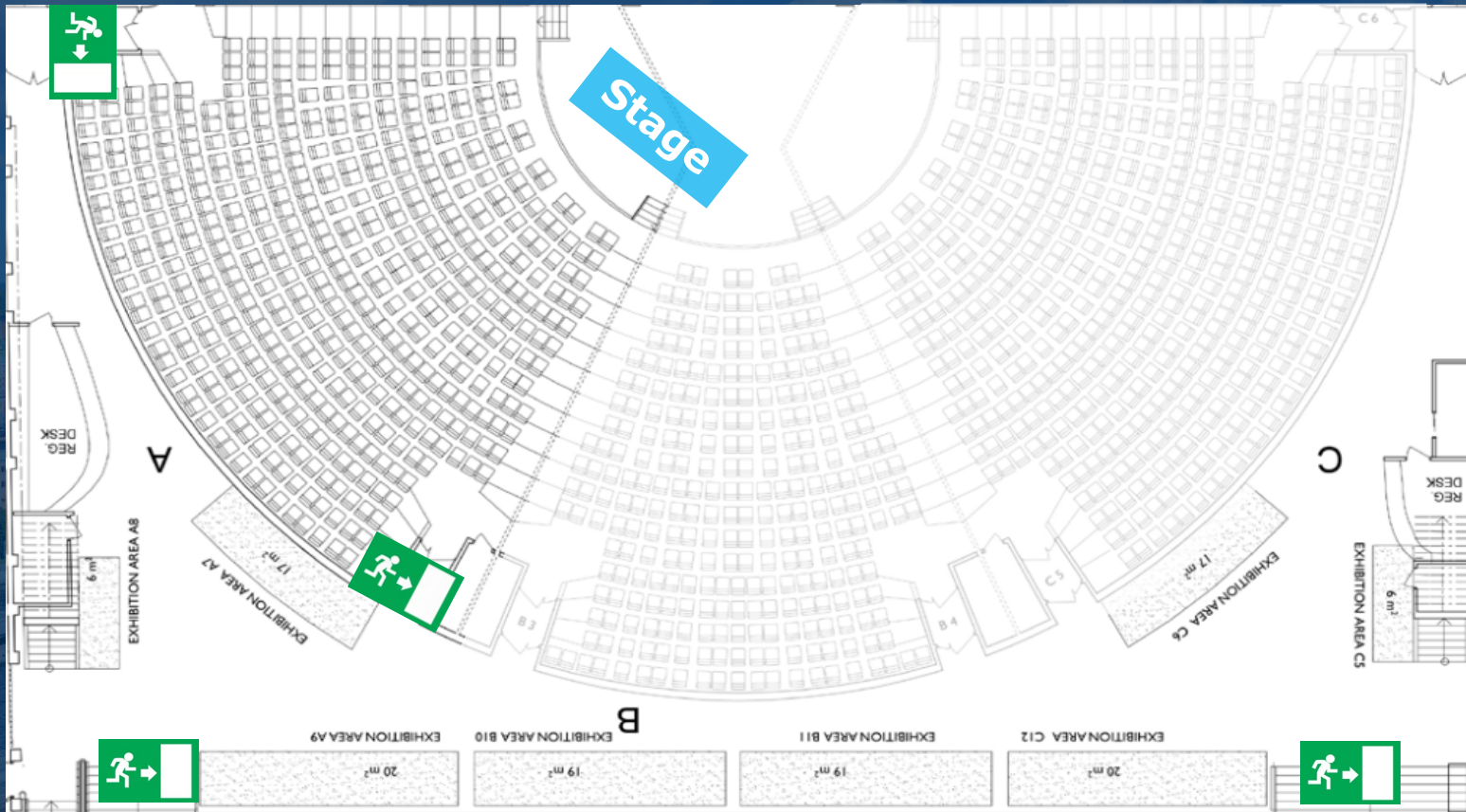
Presentation 2





Niklas Bergman
Director of Administration
for Extended Metro

Safety first!



Program

10:45–11:45 Presentation 2

Upcoming procurements for planning and design project: The Metro to Älvsjö

11:00–13:30 Lunch with exhibitions and mingle

13:30–15:00 Exhibitions and mingle



Presentation 2

- **Introduction** Niklas Bergman, Director of Administration for Extended Metro
- **The procurement process** Iveta Sandström, Head of Procurement
- **Design assignments** Metro to Älvsjö. Jörgen Altin and Stefan Persson
- **Summing up** Niklas Bergman, Director of Administration for extended Metro

Signature of the Stockholm Negotiation Agreement in 2014



The National Negotiation on Housing and Infrastructure 2017







Ongoing Contract



Barkarbystaden

SBT
Main tunnel

Barkarby

Akalla

**Blue line to
Barkarby**

**Construction time: 8 years
Planned start of operation: 2026**



Ongoing Contracts

Implenia
Access tunnel

SBT
Access tunnel

NCC

**Metro to
Arenastaden**

Construction time: 8 years

Planned start of operation: 2028



Ongoing Contracts



PEAB
Cut and cover tunnel

YIT
Access tunnel

NCC
Buildings

**Extended Depot
at Högdalen**
Construction time: 5 years

Ongoing Contracts



Blue line to Nacka,
Södermalm and Söderort

Construction time: 10 years
Planned start of operation: 2030

Ongoing Contracts

WSP
Location study

Metro to Älvsjö
Start planing process: 2020



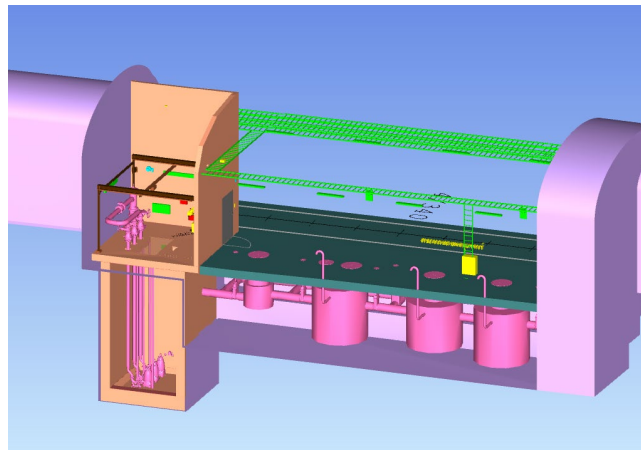
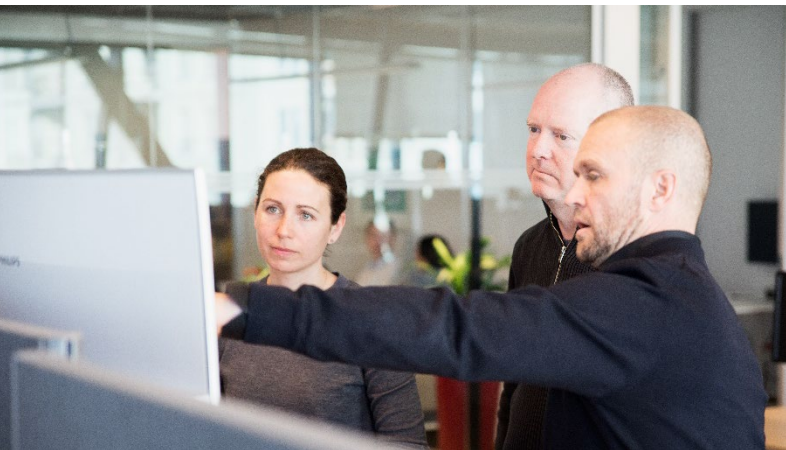




Iveta Sandström
Head of Procurement

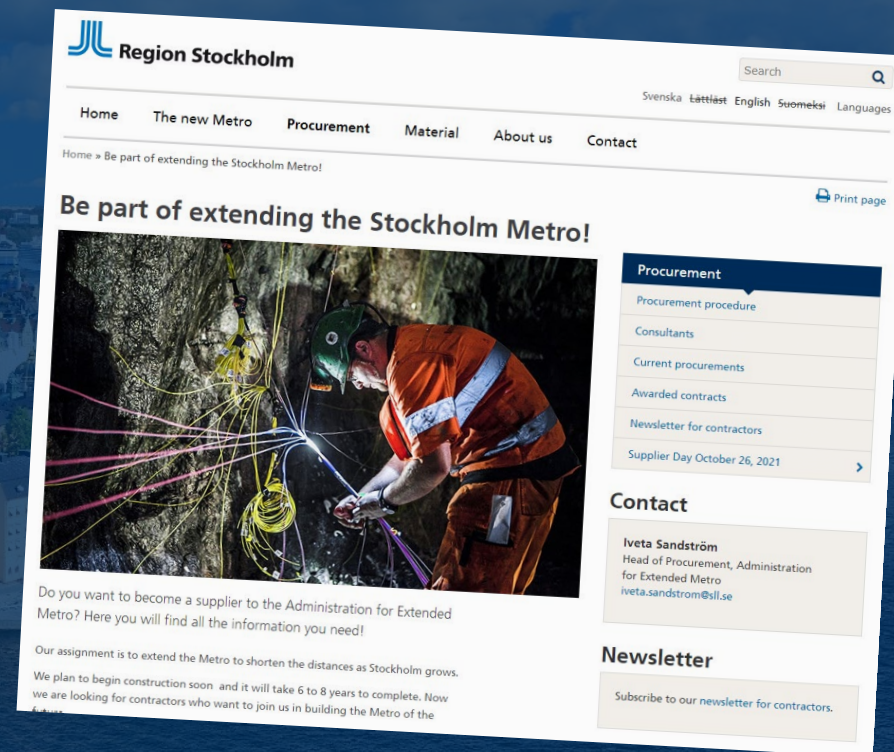
Be part of extending the Stockholm Metro!

- Many opportunities
- Large variety
- >25 upcoming procurements for a total of approx. SEK 10 billion in 2022–2023.



nyatunnelbanan.se/en/procurement

- Procurement procedure
- Consultants
- Current procurements
- Awarded contracts
- Newsletter for contractors



Are you a consultant?

- Please register your interest in Workforce Logiq (WFQ)
- Suppliers themselves are responsible for contacting WFQ for registration
supplieronboarding@workforcelogiq.com
- Some documents about your company should need to be submitted. Plan about 1–2 weeks for the registration process.
- A framework agreement according to ABK09 with WFQ needs to be concluded

The logo for Workforce Logiq, featuring the word "WORKFORCE" in a bold, sans-serif font above the word "LOGIQ" in a similar font, with a stylized "Q" that has a small tail.

Process for consulting agreements in WFQ

Monitor requisitions and please submit a proposal according to instructions from WFQ.

Requisition for consulting assignments through WFQ

Tender time, Q&A and submission of proposal

Evaluation of proposals, possible interview and negotiation

The winner signs a work order for the assignment

nyatunnelbanan.se/en/procurement

Keep track
with our
procurement
time schedule

Uppdrags- beskrivning/ utövning	Typ av arbete	Projekt / utbyggnadsdel	För deltagande krävs registrering hos konsultmälare eller i kvalificeringssystem.	Enbart leverantörer som är prekvalificerade i TransQ kan delta, registrering på kod avslut sedan	Entreprenad- form	Planerad kvalificering av leverantörer	Planerat utskick av förfrågnings- underlag	Planerad anbuds- infordran	Planerad uppdagsstart	Bedömd kostnad MSEK	Prognos- säkerhet för upphandlings- tider	Kommentar
Entreprenaden omfattar stomkompletteringar installationer för entréer, biljetthallar, anplan, perronger, teknikplan, service-tunnel, ventilationsschakt, brandschakt m. vid stationer	Bygg- entreprenad	Nacka-söderort	Prekvalificering krävs i TransQ	Ja TransQ kod 9.4.1 – 9.4.9 eller 9.4.99	Totalentreprenad	2022-05-01	2022-09-01	2023-04-01	2024-05-01	600-700	Gul - relativt säkra uppgifter	Denna entreprenad ersätter följande tre (3) planerade upphandlingar av byggentreprenader avseende: - Sofia & Hammarby kanal - Gullmarsplan & Slakthuset - Sickla, Nacka och Järla
Entreprenaderna omfattar bl.a. iordningsställande av etableringsområde, utförande av arbetstunnel, bergschakt för huvudtunnar på sträckan Arenastaden till Södra Hagalund, plattformsrums, vertikalschakt. Arbeten med tyngre stål- och betongstommar för stationerna Arenastaden och Södra Hagalund samt anslutande tunnel mot Hagastaden. Mark- och grundläggningsarbeten för biljetthallar.	Berg- och anläggningsent- reprenad	Arenastaden	Prekvalificering krävs i TransQ	Ja TransQ kod 9.4.1 – 9.4.9 eller 9.4.99	Utförande- entreprenad	Pågår	Upphandling pågår	Tilldelad	2021-Q3	>1 000	Grön - säker (inom 3 månader)	Tilldelningsbeslut är överprövat
3727 Bygg, installation, tele, styr (BITS)	Bygg- och installationsent- reprenad	Arenastaden	Prekvalificering krävs i TransQ	Ja TransQ kod 9.4.1 – 9.4.9 eller 9.4.99	Utförande- entreprenad	2022-Q1	2022-Q1	2022-Q4	2023-Q1	>1 000	Röd - uppgifter ej säkra	Sammanläggning av 3722, 3723 och 3728. Nytt entreprenad id 3727. Miljödöms - erhållen maj 2018 Järnvägsplan - lagakraftvunnen december 2020





Stefan Persson
Director of Planning



Jörgen Altin
Project Manager, Metro to Älvsjö

Scope of the project and challenges

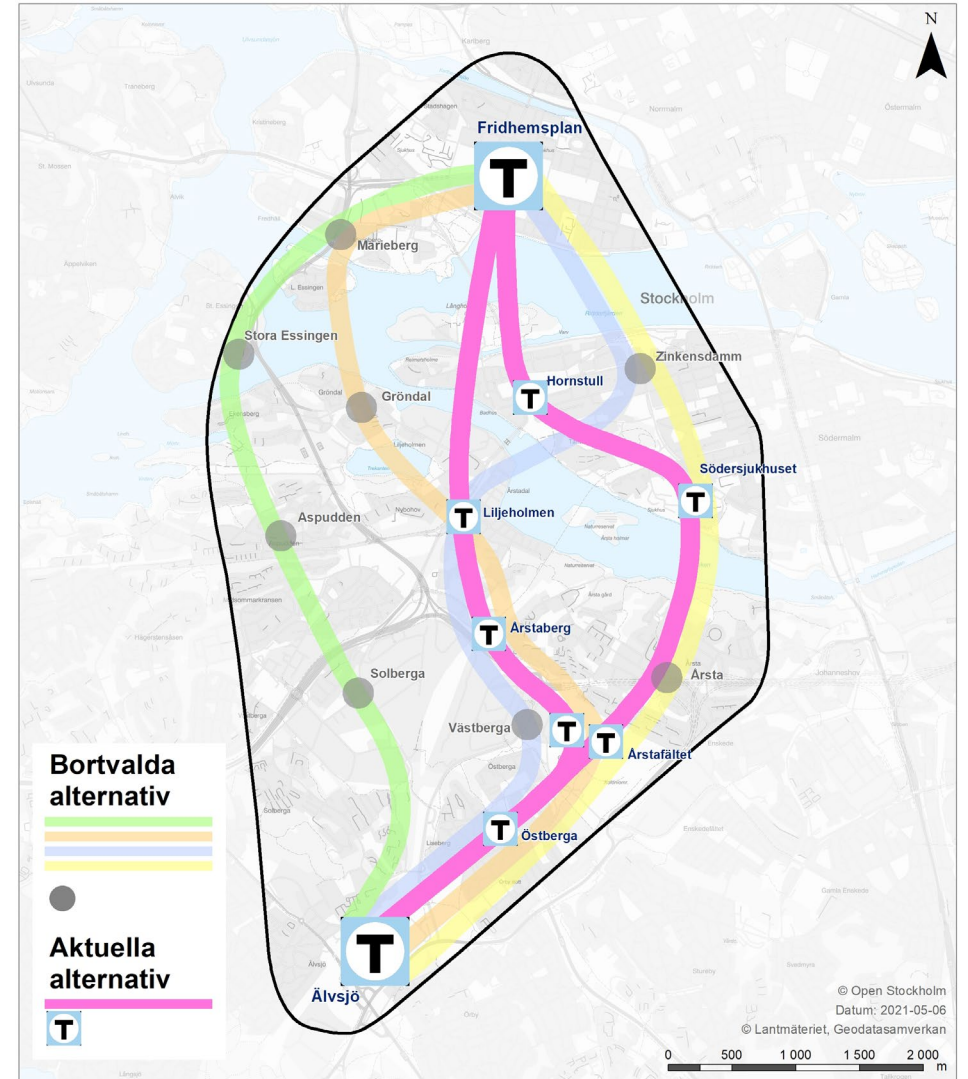
- 40 years since the last extension
- Lessons learnt
- Cost efficiency and sustainability



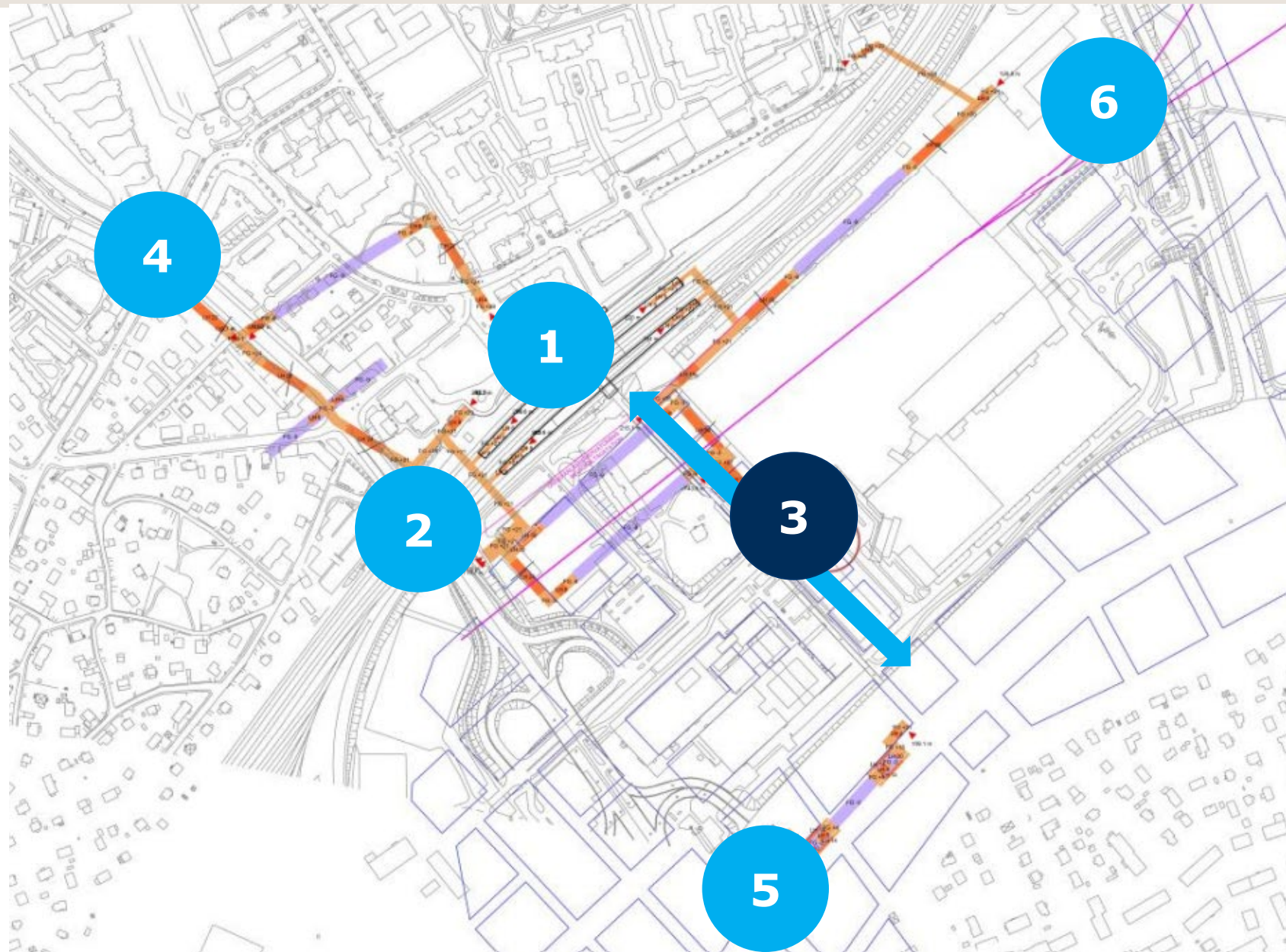


Starting point for the next phase

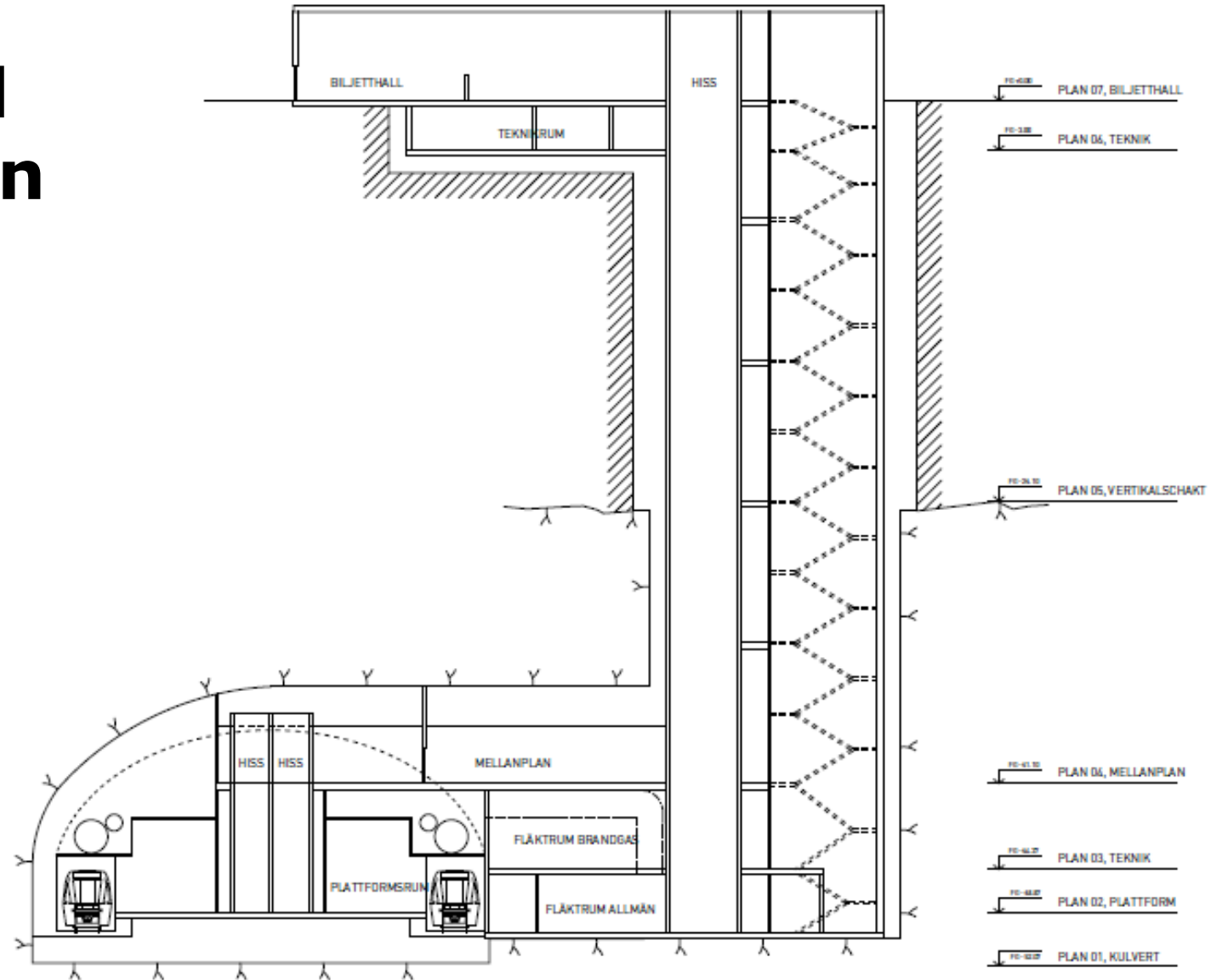
- Decision on alignment
- Results from:
 - geotechnical and rock surveys
 - passenger demand analysis
- Stockholm's County Administrative Boards decision on significant environmental impact



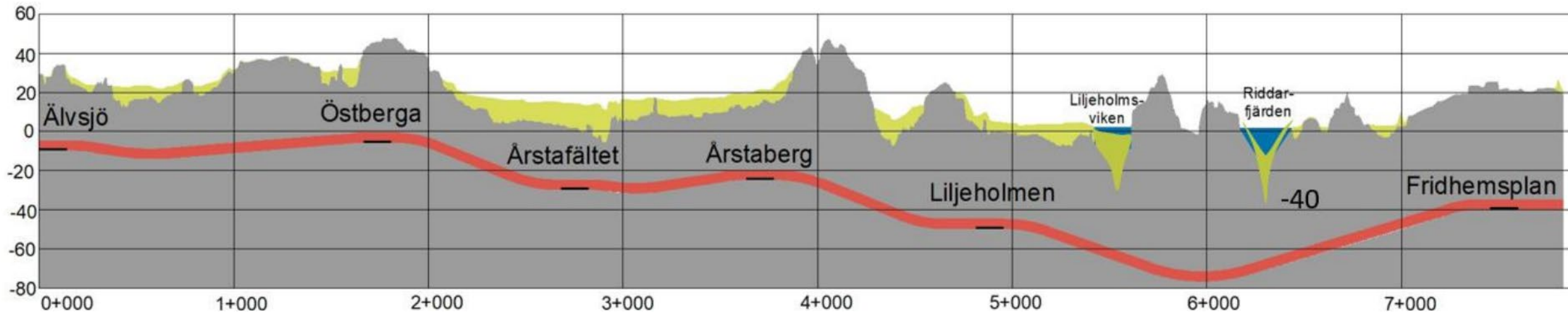
Location and design of stations



Cost-efficient and sustainable design solutions




Vertical alignment



Strategy for consulting assignments

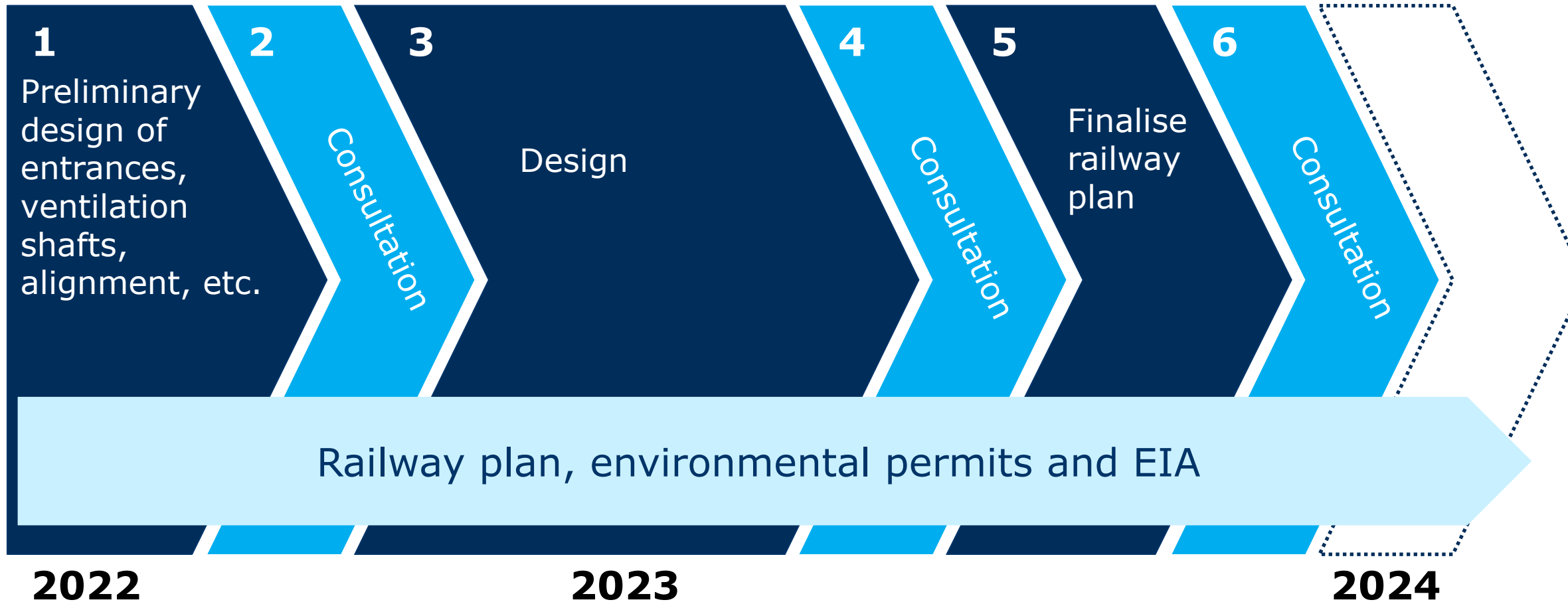
- **Subdivision in stages:**

- Location
 - Railway plan and environmental permits
 - Preliminary design
 - Design
 - Detailed design
- 
- To be completed in 2021
- 2022–2024
- 2024–onwards

2022–2024

- A few smaller assignments instead of one large
- Start with a smaller organisation focused on uncertainties and dependencies
- Scale up when uncertainties and dependencies have been solved

Phases



Assignments



Collaboration

- Each assignment has a main purpose
- Interface between assignments
 - workshop to get joint understanding at start
 - can be adjusted if needed
- The client will be lead and the assignments will collaborate
- Assignment manager to be present at clients office to secure fast information transfer and inspiring teamwork

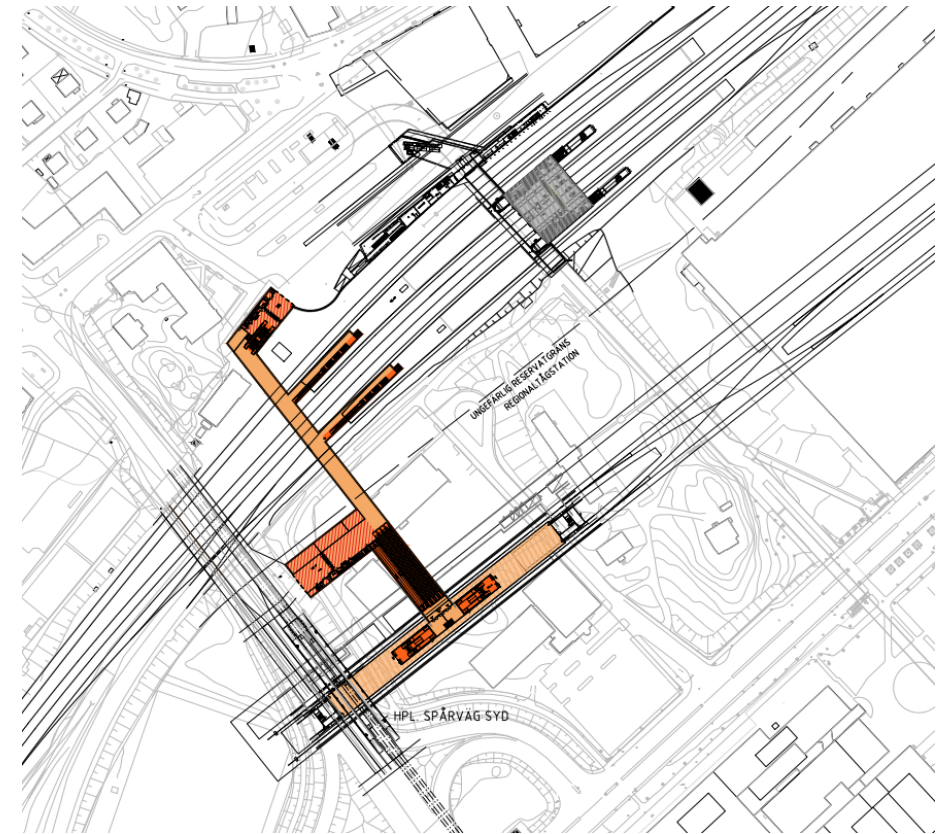
Assignment 1: **Station layout**

Main purpose:

- Concept design of the stations including ventilation, fire and safety
- Gives input to railway plan and design teams

Requirements:

- Experience from creating and evaluating alternatives
- Knowledge of planning and urban design



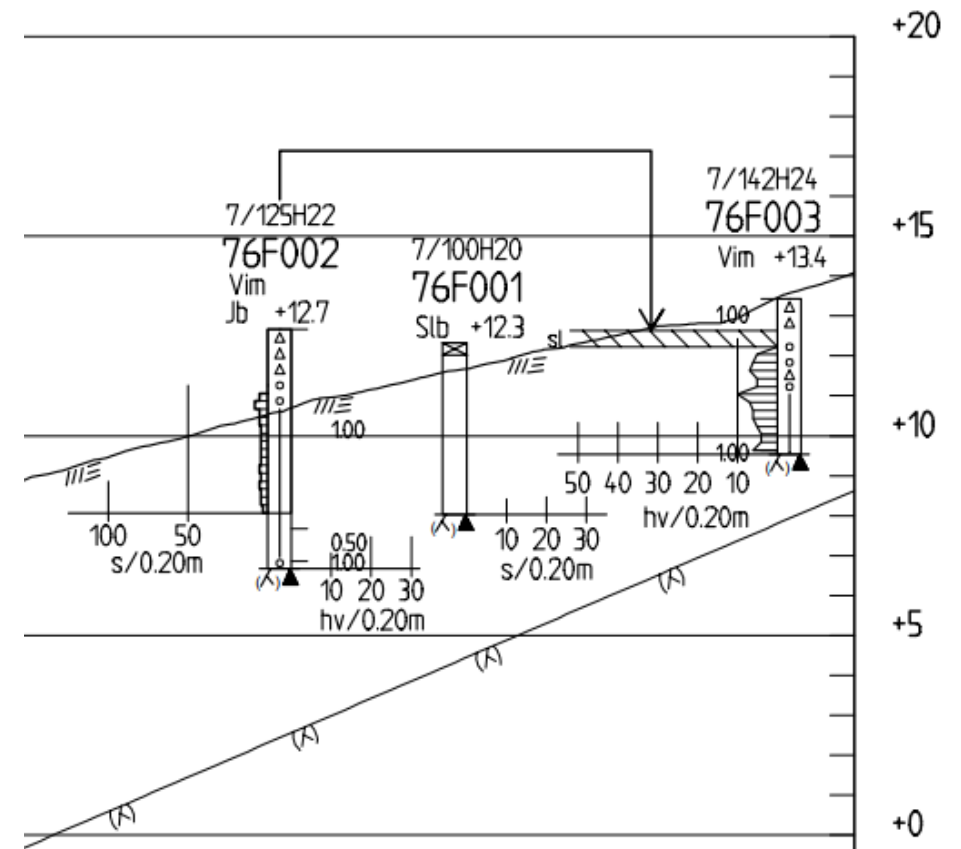
Assignment 2: **Engineering**

Main purpose:

- Production planning and cost estimates
- Technical support to the other assignments
- Development of technical solutions and design
- Geotechnical surveys

Requirements:

- Knowledge and resources in rock/geotechnics, engineering, water and wastewater, sustainability etc



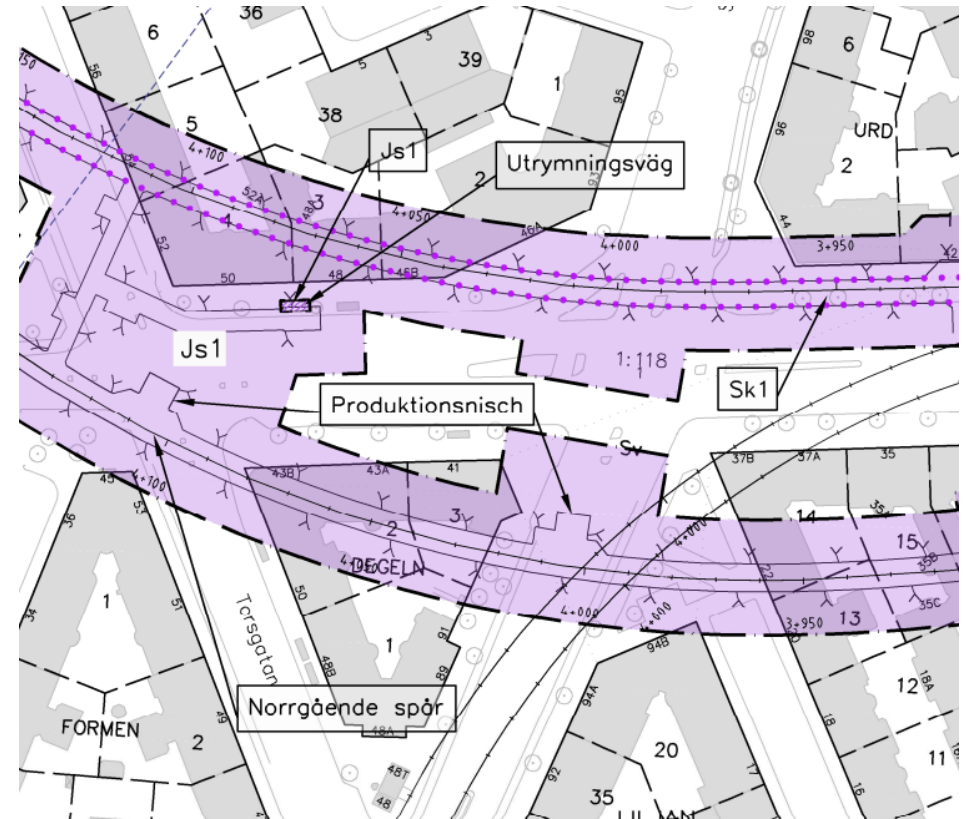
Assignment 3: **Railway plan**

Main purpose:

- Railway plan, EIA and consultations
- Documents and drawings for railway plan
- Supports assignment 4 with description of the project and its environmental impact

Requirements:

- Knowledge and resources in environmental impact assessments, railway plans, cultural and natural environment, risk, sustainability etc.



Assignment 4: **Environmental permits and hydrogeology**

Main purpose:

- EIA, consultations and documents for environmental permits according to the Swedish Environmental legislation
- Hydrogeological measurements and analysis
- Analysis and descriptions of effects during construction for people living in the area, property owners, businesses and so on

Requirements:

- Knowledge and experience from environmental assessment process and permits (mainly effects on water)
- Resources with skills in hydrogeology, polluted soils, noise and vibrations

Assignments



Assignment 5–6: **Station design**

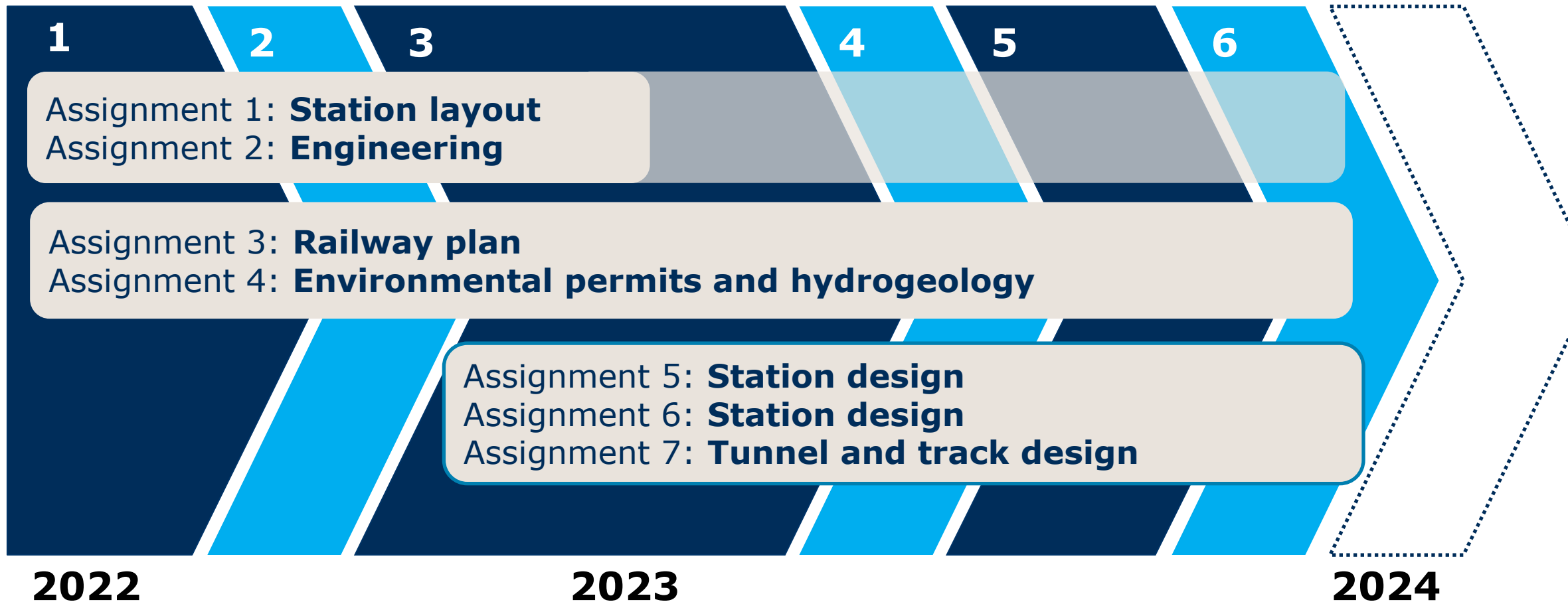
- Further developing the concept design developed in assignment 1 and 2
- The purpose of the station design is to assess land requirements and ensure feasibility
- Two stations with option for a third
- Independently from other assignments – all engineering and design disciplines required
- The station design is to be delivered in a 3D-model



Assignment 7: **Tunnel and track design**

- Design of tunnels and access tunnels, track, signaling and power supply
- The purpose of the tunnel design is to assess land requirements and ensure feasibility
- Further developing the concept design developed in assignment 1 and 2
- The tunnel and track design is to be delivered in a 3D-model

Assignments







Niklas Bergman
Director of Administration
for Extended Metro

A reminder...

- Read the document carefully.
- Submit tender exactly according to instructions.
- We are very strict during our evaluation. It would be a shame to be forced to exclude you due to a simple mistake!

Be part of extending the Stockholm Metro!



Do you want to become a supplier to the Administration for Extended Metro? Here you will find all the information you need!

Our assignment is to extend the Metro to shorten the distances as Stockholm grows.

We plan to begin construction soon and it will take 6 to 8 years to complete. Now

Procurement

[Procurement procedure](#)[Consultants](#)[Current procurements](#)[Awarded contracts](#)[Newsletter for contractors](#)[Supplier Day October 26, 2021](#)

Contact

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for Extended Metro
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Newsletter

[Subscribe to our newsletter for contractors.](#)

**Keep track
on our
website**



**Everyone has the right to
return home after an injury-
free working day. Every day.**



**I hope to see you
work with us!**

Next up:

Now–13.30 Lunch with exhibitions and mingle

13.30–15:00 Exhibitions and mingle



Come and talk with us!



Downstairs: **Contracts Presentation 2**
+ **Procurement** and **Workforce** logic

