

Fehmarn Link Business Conference 2021

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Fehmarnbelt Tunnel with hinterland connections

Background:

- Øresund Agreement 1991
- State treaty
- Financing and ownership
- The German process
- Court process in Leipzig 2020





September 2021



Concrete Mixing Plant

Accommodation - Rødbyhavn





Dredging of the tunnel trench



Construction site Puttgarden



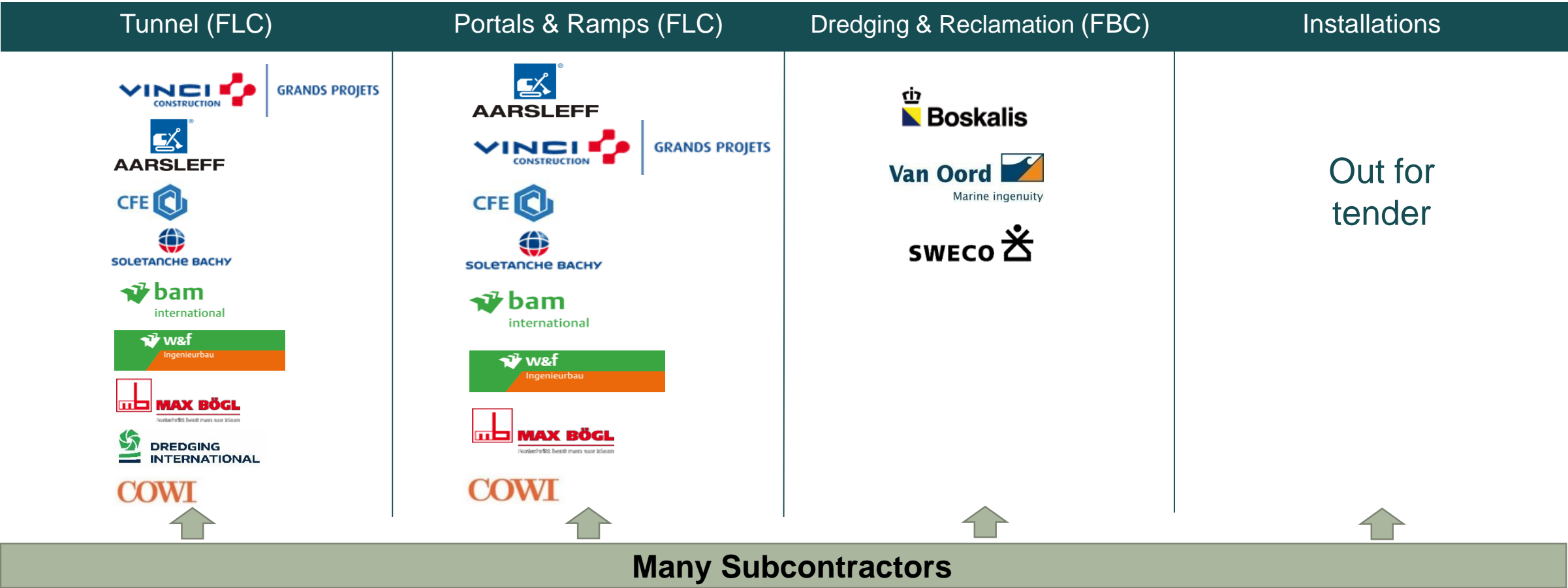
Future tunnel area Puttgarden



Puttgarden – Project Area

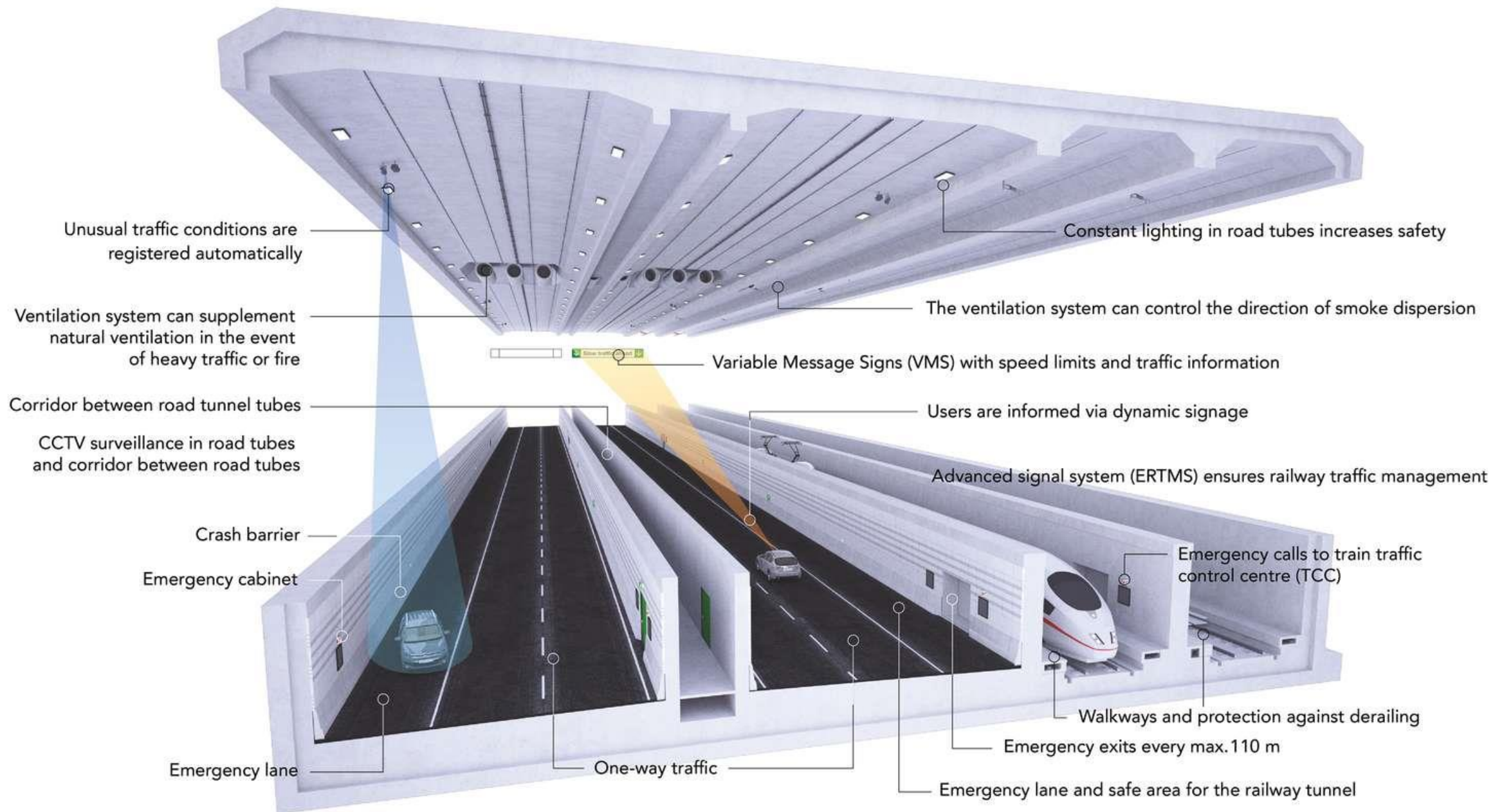
The main contractors

Femern A/S is client company with **RAMBOLL** as key technical advisor



Tenders for tunnel installations

- The coming years major contracts being will be signed for the execution of all the electrical and mechanical installations in the tunnel (TEM/TPS/TTC-contracts) = all its internal workings
- Examples of the electrical and mechanical installations in the Fehmarnbelt tunnel:
 - Ventilation
 - Lightning
 - Safety and monitoring systems
 - Cables and pipework
- Three consortia have been qualified to participate in the next tender phase for the TEM tender:
 - Braveco (Sweden, France, Denmark, Norway)
 - Femern Technical Contractors (Austria, Germany, Holland, Switzerland)
 - SICE-Cobra (Spain, USA, Sweden, New Zealand, Australia)
- Contracts are expected to be concluded by the second half of 2022





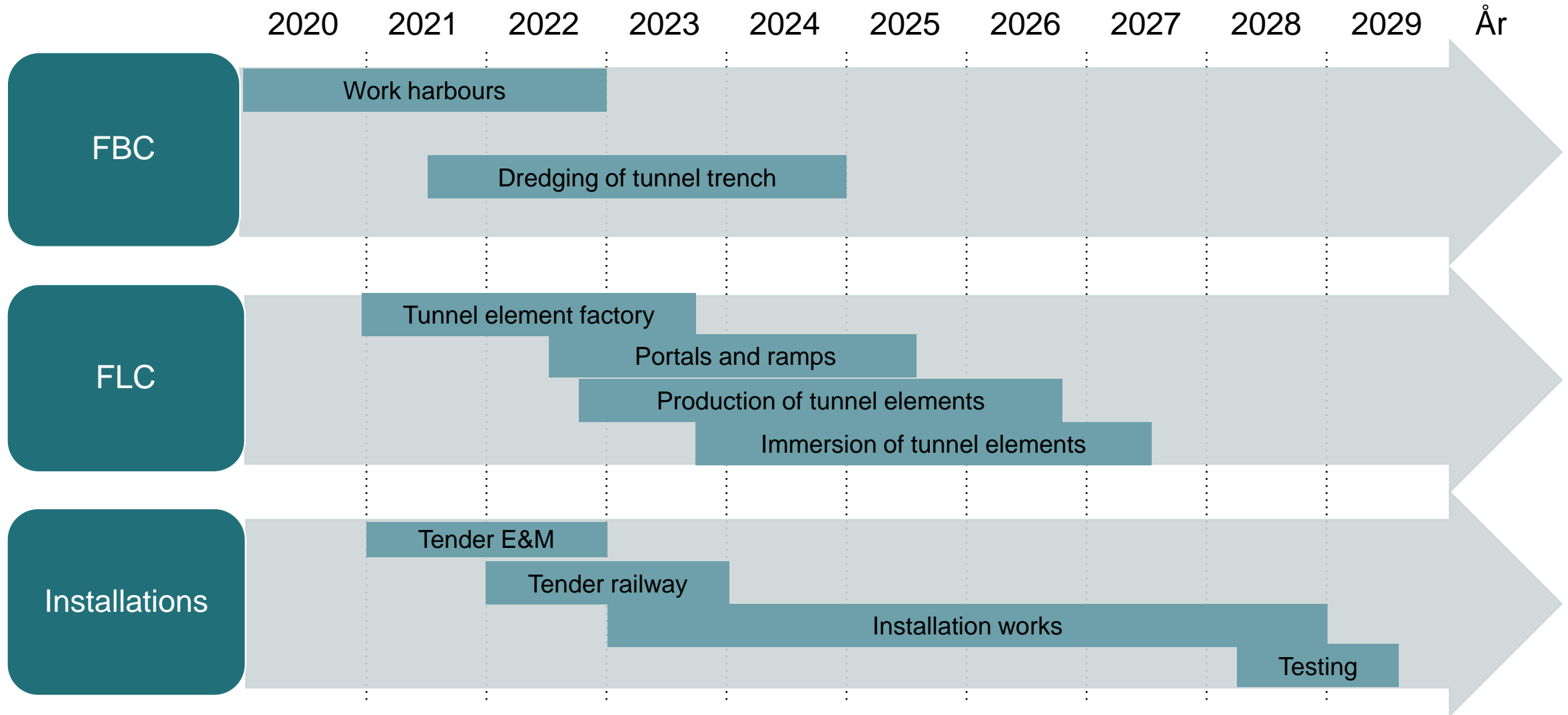
The Contract for the Transformer Station

- The tender for the contract for the transformer station in Rødbyhavn was published in April 2021
- The conclusion of the contract is scheduled for the end of 2022
- Femern A/S has qualified three consortia to participate in the next tender phase

| Consortia | Members | Examples of Supporting Units |
|------------------------------|---|---|
| Bravida-Efacec-GE-Consortium | Bravida Danmark A/S (Denmark) EFACEC Engenharia e Sistemas, S.A. (Portugal) GE Energy Power Conversion GmbH (Germany) | |
| Elecnor | ELECNOR, S.A. (Spain) | ABB Power Grids Switzerland Ltd (Switzerland) |
| Siemens-Aarsleff | Siemens Mobility A/S (Denmark) Aarsleff Rail A/S (Denmark) | Siemens Energy A/S (Denmark) Siemens Mobility GmbH (Germany) |



Main construction schedule



CSR

Focus areas

- Health and safety
- Apprentices
- Climate
- Environment
- Workers rights
- Accommodation
- Much more

Instruments

- Contracts
- Inspections
- Sanction mechanisms
- Dialogue and cooperation
- Authority centre in Rødbyhavn



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TAK FOR DIN INDSATS
 YAHYA AREF ABU...
 Femern
 Skrevet i samarbejde med...



Climate Strategy

1

The Fehmarnbelt Fixed Link is part of the sustainable European transport network of the future

2

The Fehmarnbelt Fixed Link is built as climate-friendly as possible

3

The Fehmarnbelt Fixed Link supports the development of a green construction sector

4

The Fehmarnbelt Fixed Link is operated as a climate-friendly tunnel



Thank you for your attention

Read more at www.femern.com

