

Vuosaari Harbour Project



YOUR PORT OF EXCELLENCE

Liner Traffic 2006

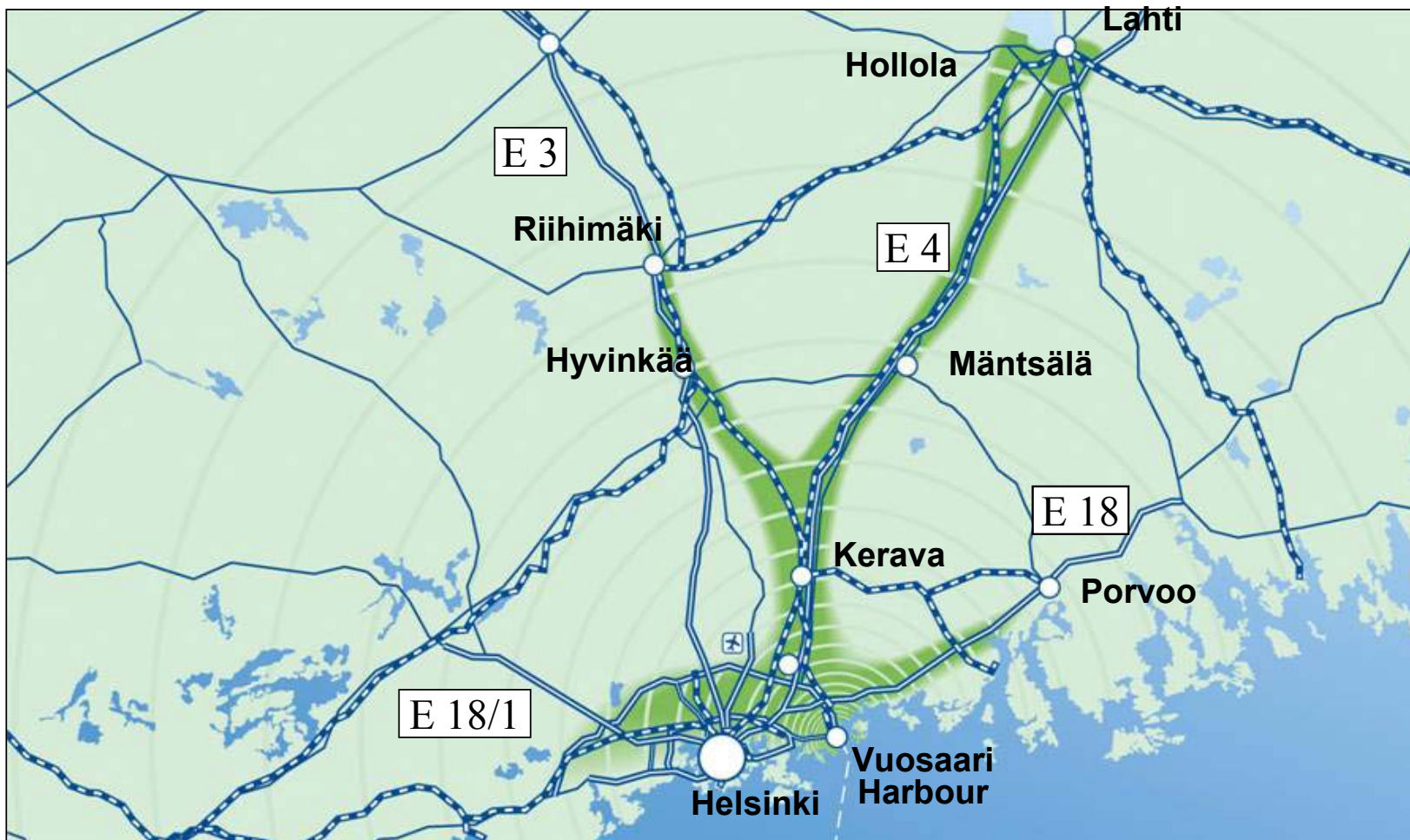


Connections / w

- Aarhus (5)
- Amsterdam (3)
- Antwerp (11)
- Baltijsk (1)
- Bremerhaven (10)
- Copenhagen (1)
- Cuxhaven (1)
- Felixstowe (6)
- Gdansk (3)
- Gdynia (6)
- Hamburg (12)
- Helsingborg (2)
- Hull (3)
- Klaipeda (2)
- Oslo (1)
- Riga (2)
- St. Petersburg (12)
- Rostock (1)
- Rotterdam (9)
- Stockholm (14)
- Szczecin (1)
- Tallinn (82) ¹⁾
- Teesport (2)
- Tilbury (1)
- Travemünde/Lübeck (10)**
- Zeebrugge (1+1)

1) cargo lines

Hinterland connections



Cargo harbours to Vuosaari



Vuosaari



West harbour



Helsingin kaupunki
Kaupunkisuunnitteluvirasto



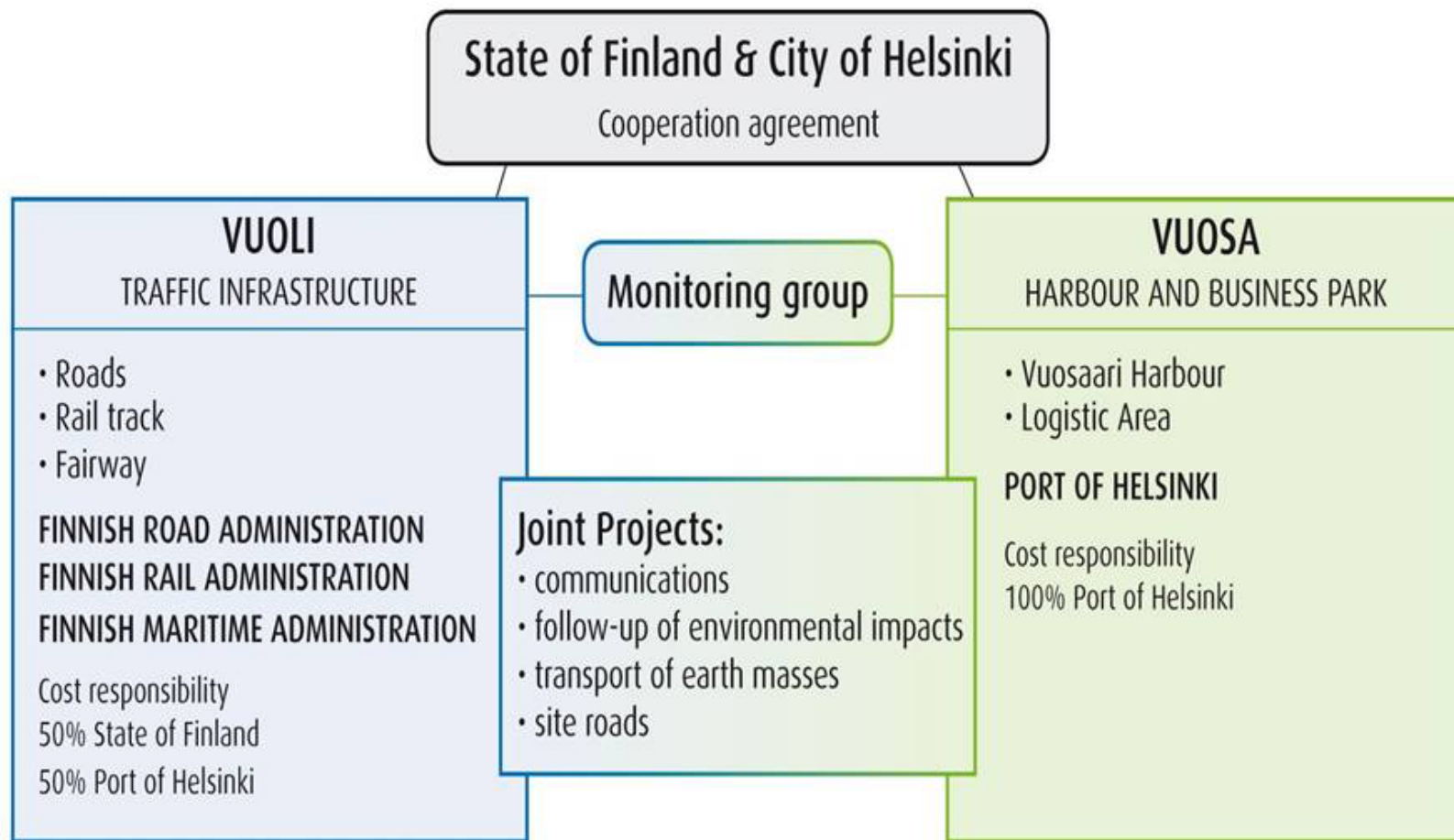
North harbour



Keski-Pasila



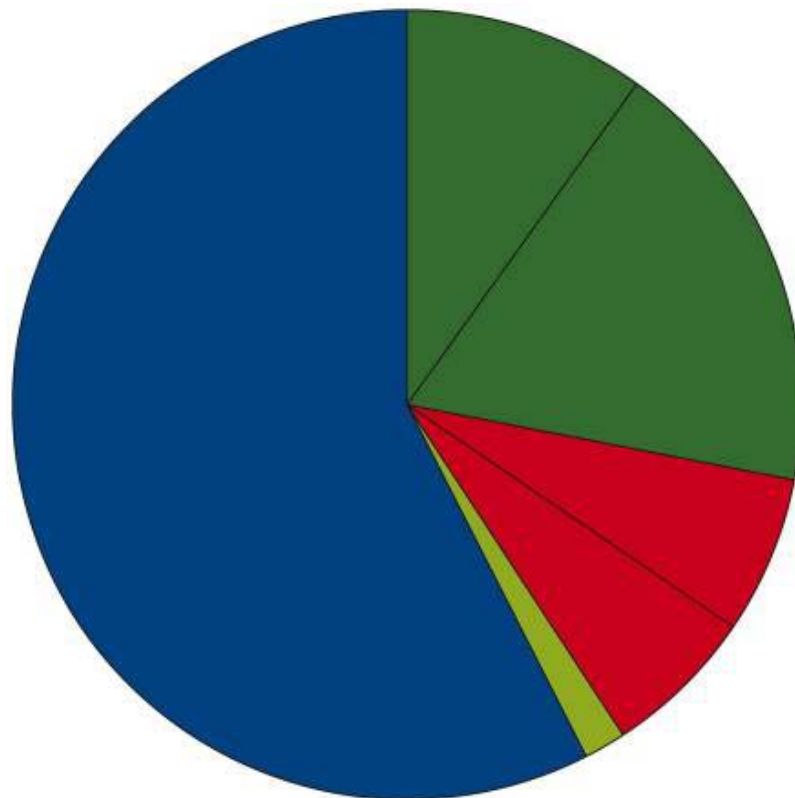
Project organisation



Costs 680 milj.€

Harbour 391 M€

Traffic infrastructure 289 M€

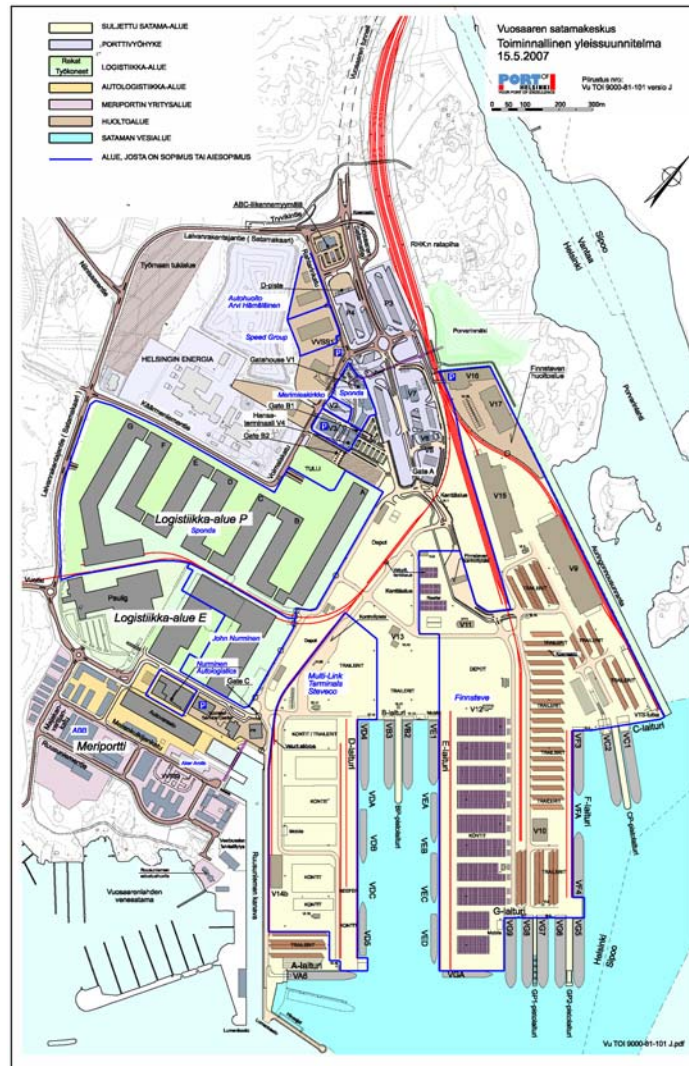


Railway 190,8
tunnels 123,5

Road 86,5
tunnels 42,6

Fairway 11,0

General plan



Harbour centre



YOUR PORT OF EXCELLENCE

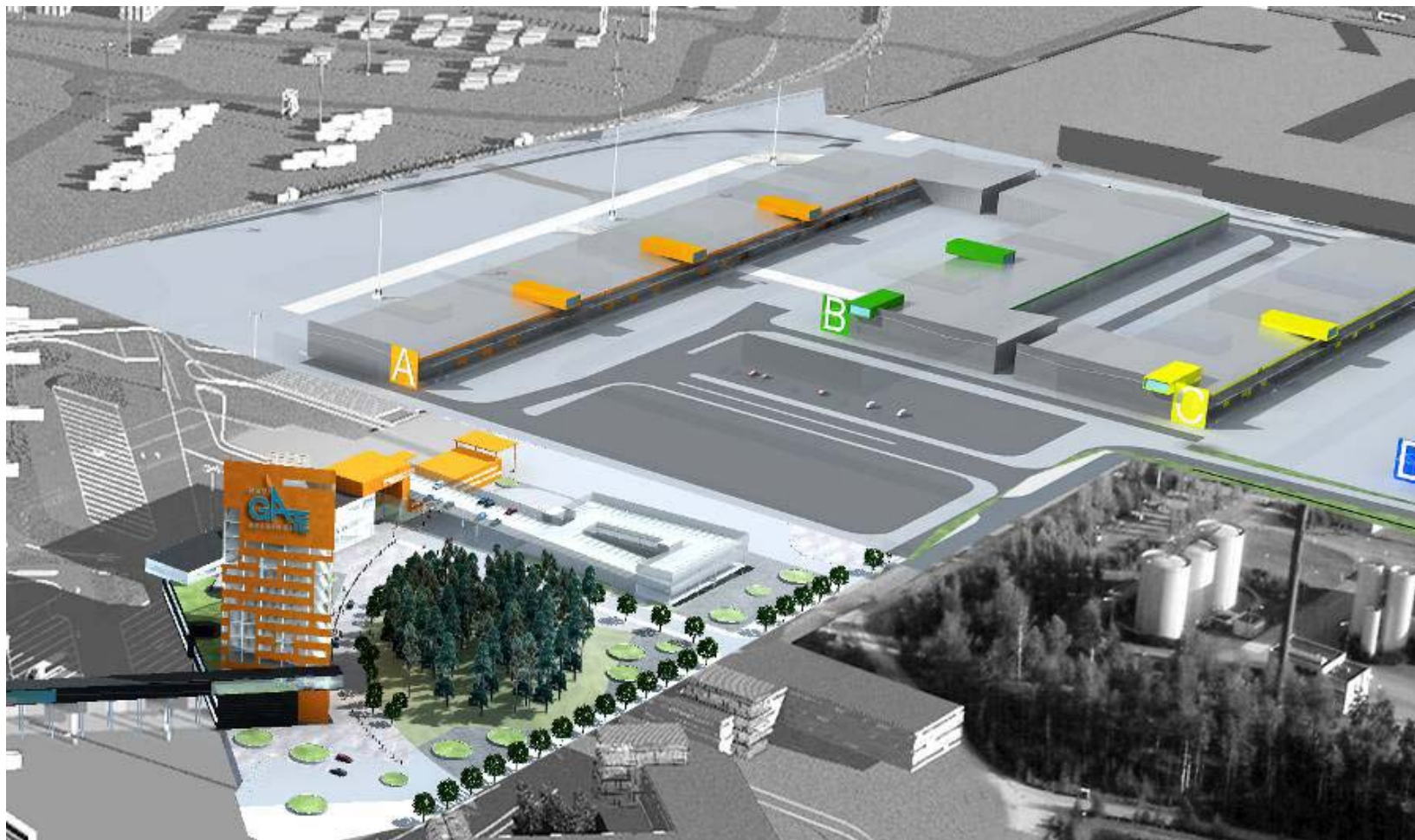
Gate-area



Harbour business-area



Gatehouse and logistic-area /Sponda Oy



John Nurminen Oy



ARKKITEHTITOIMISTO ERKKI HELAMAA JA KELLER HEISKANEN OY

Paulig Oy



Aker Arctic Technology & ABB Oy



Garage



Birdland



Construction site 12.4.2007



Construction site 12.4.2007

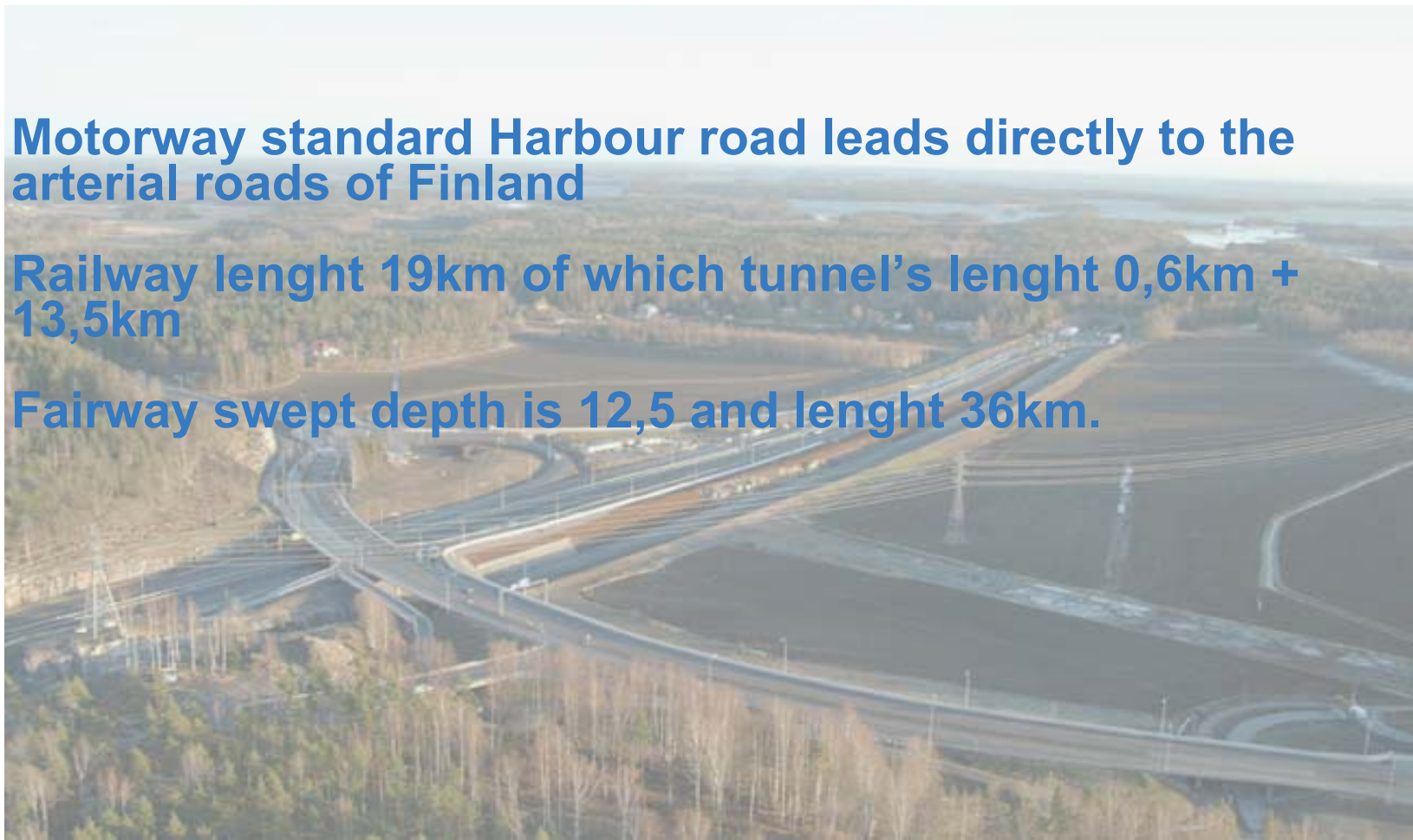


Traffic infrastructure

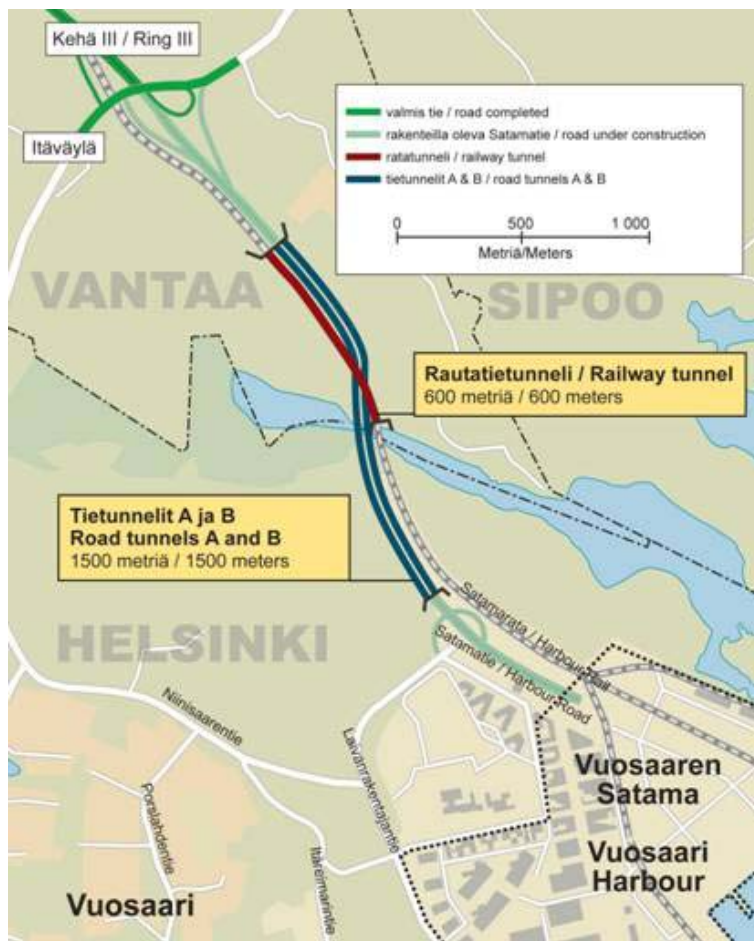
Motorway standard Harbour road leads directly to the arterial roads of Finland

Railway length 19km of which tunnel's length 0,6km + 13,5km

Fairway swept depth is 12,5 and length 36km.

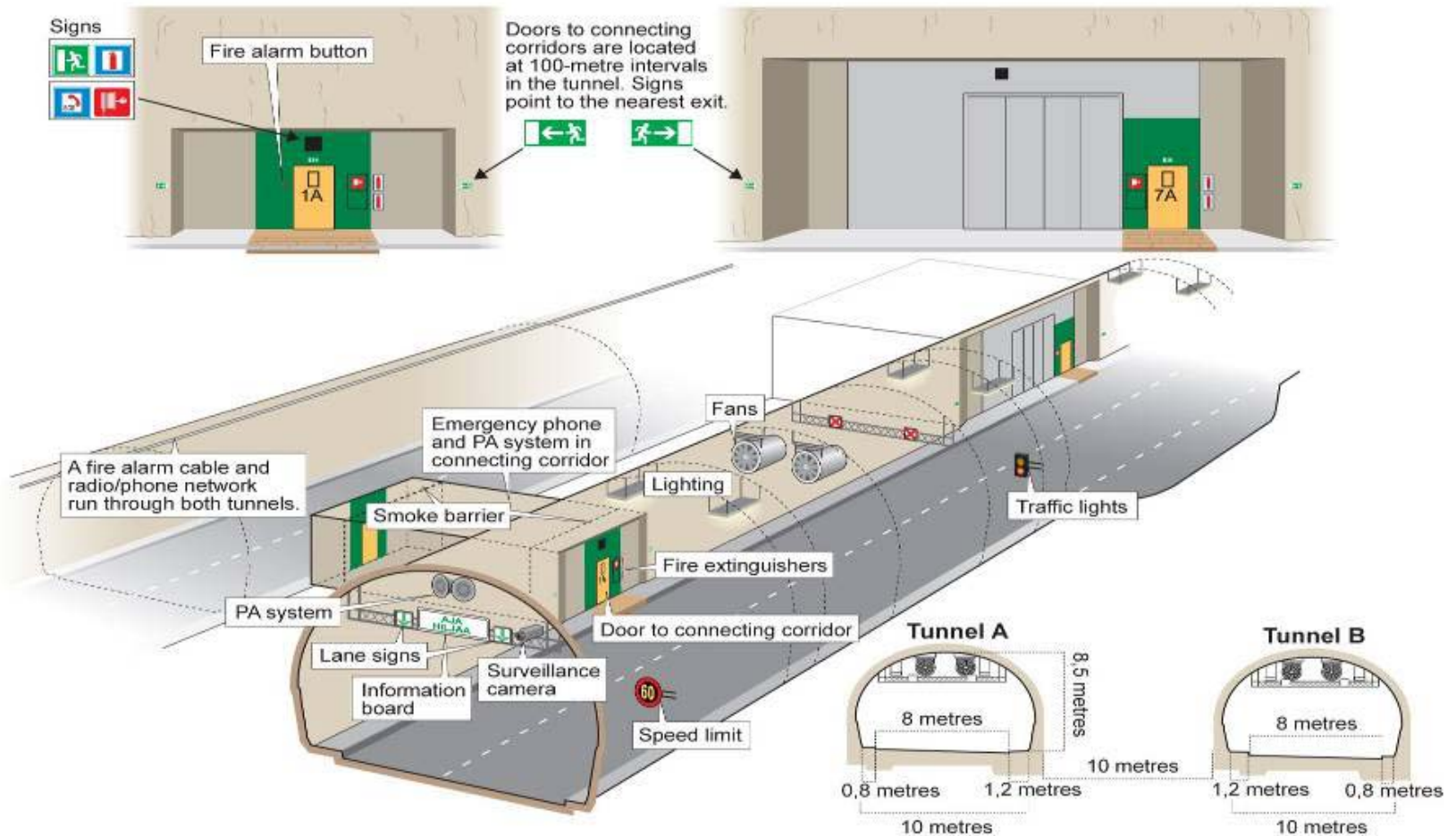


Harbour road



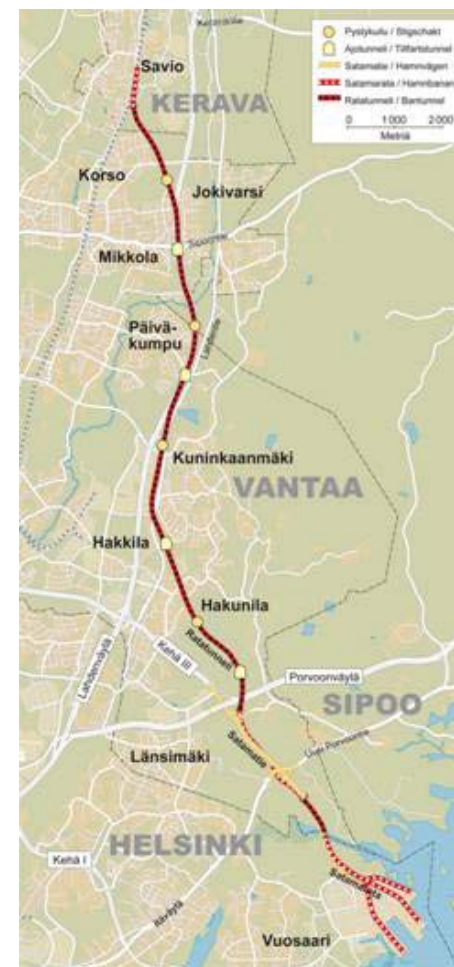
- harbour road 2.5 km
- Porvarinlahti tunnel 1.5 km
- improvement of Ring III 1.0 km
- improvement of Itäväylä 1.4 km
- light traffic routes 4.1 km
- ramps 3.8 km
- bridges 11 pcs
- noise barriers 2.1 km
- costs 86,5 M€
- tunnel costs 42,6 M€
- introduction 9.10.2007

Traffic control system of road tunnel



Harbour rail

- single electrified track
only for cargo traffic 19 km
- Labbacka tunnel 0.6 km
- Savio tunnel 13.5 km
- noise barriers 1.1 km
- anti-vibration mat 7 km
- costs 190,8 M€
- tunnel costs 123,5 M€
- introduction by the end of 2008



Fairway



YOUR PORT OF EXCELLENCE

The answer for the future challenge



YOUR PORT OF EXCELLENCE