

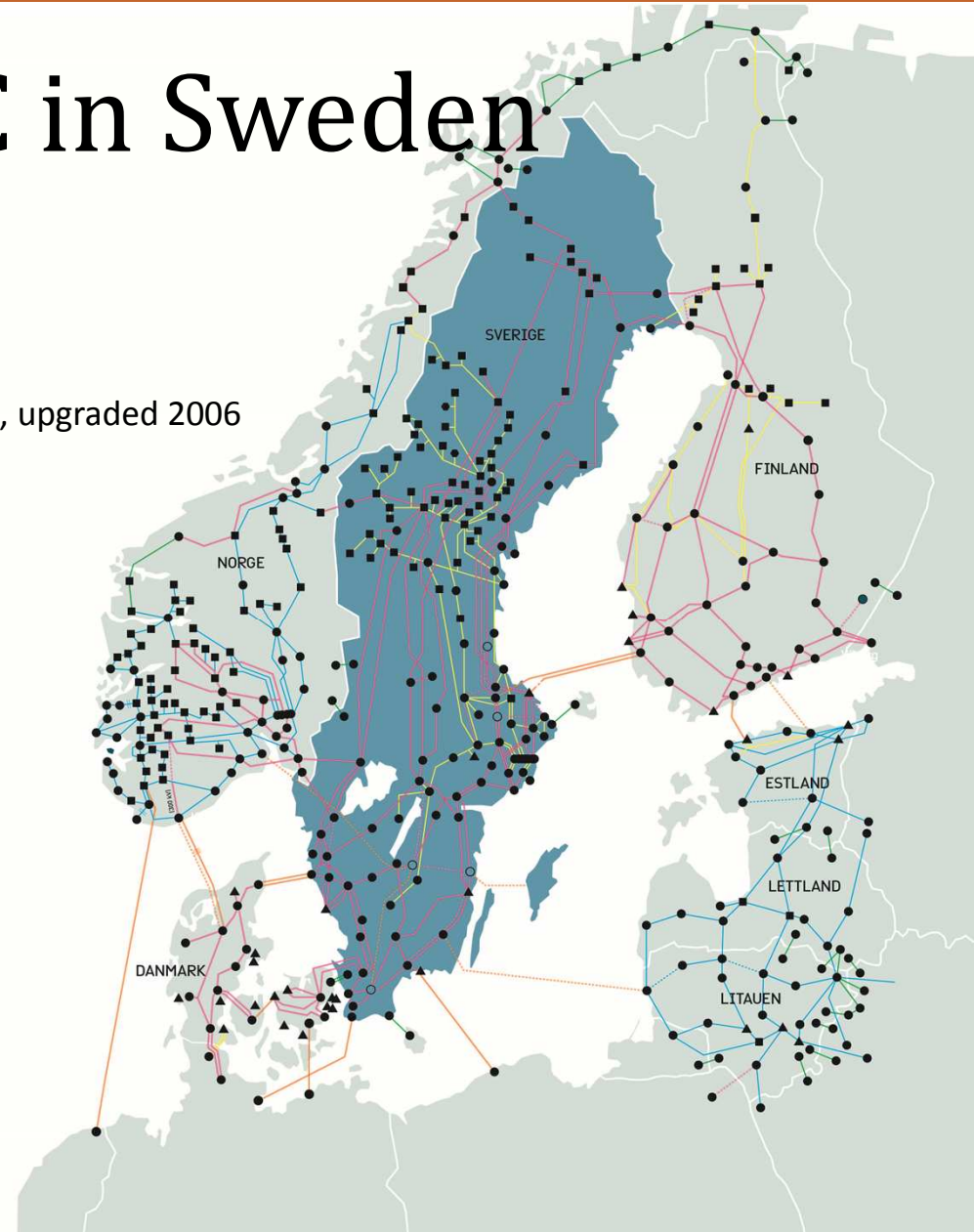


HVDC cable projects at Svenska Kraftnät (SvK)

Valentinas Dubickas

HVDC in Sweden

- Gotland 1 20 MW 100 kV 1954-1986
- Konti Scan 1-2 740 MW 285 kV 1965, 1988, upgraded 2006
- Gotland 2-3 260 MW 150kV 1983, 1987
- Fenno Skan 1 500 MW 400 kV 1989
- Baltic Cable 600 MW 450kV 1994
- Gotland HVDC Light 50MW 80kV 1999
- SwePol Link 600 MW 450 kV 2000
- Fenno Skan 2 800 MW 500 kV 2011



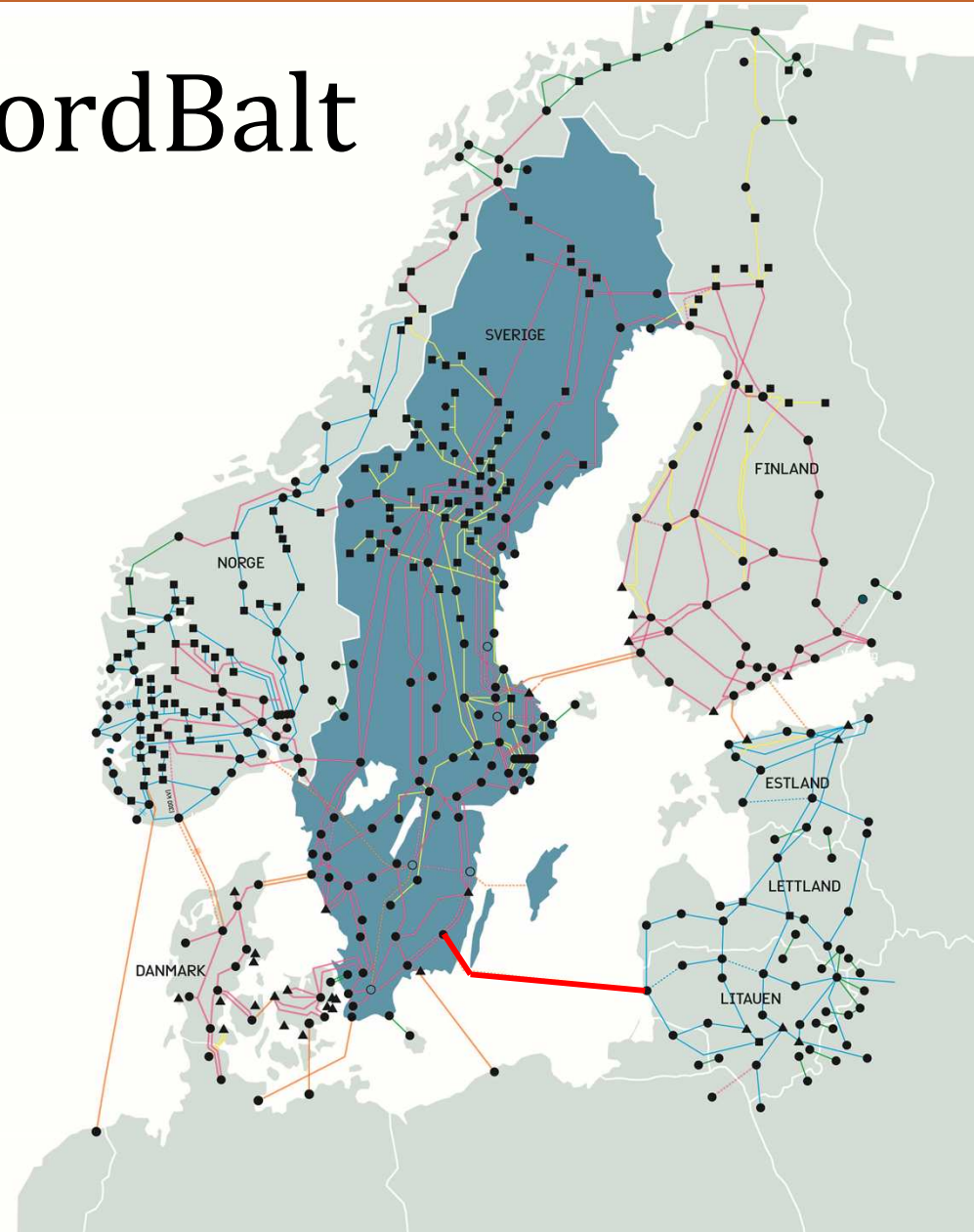
South West Link

- 1320 MW
- 300 kV XLPE
- 4 land cables in parallel (2 symmetrical monopoles) underground installation, approx. 190 km
- Commissioning 2015 Q1



NordBalt

- 700 MW
- 300 kV XLPE, 2 land cables in parallel (symmetrical monopole), underground installation, approx. 40 km
- 300 kV XLPE, 2 sea cables in parallel (symmetrical monopole), trenched installation, approx. 400 km
- Commissioning 2015/2016



Gotland

- 500 MW
- 300 kV 2 cables in parallel (symmetrical monopole), underground installation, approx. 10 km each side
- 300 kV 2 cables in parallel (symmetrical monopole), trenched installation, approx. 100 km
- Commissioning 2018
- Plans for second 500 MW connection to Gotland

