

Local licenses in Sweden

3.5 & 26 GHz

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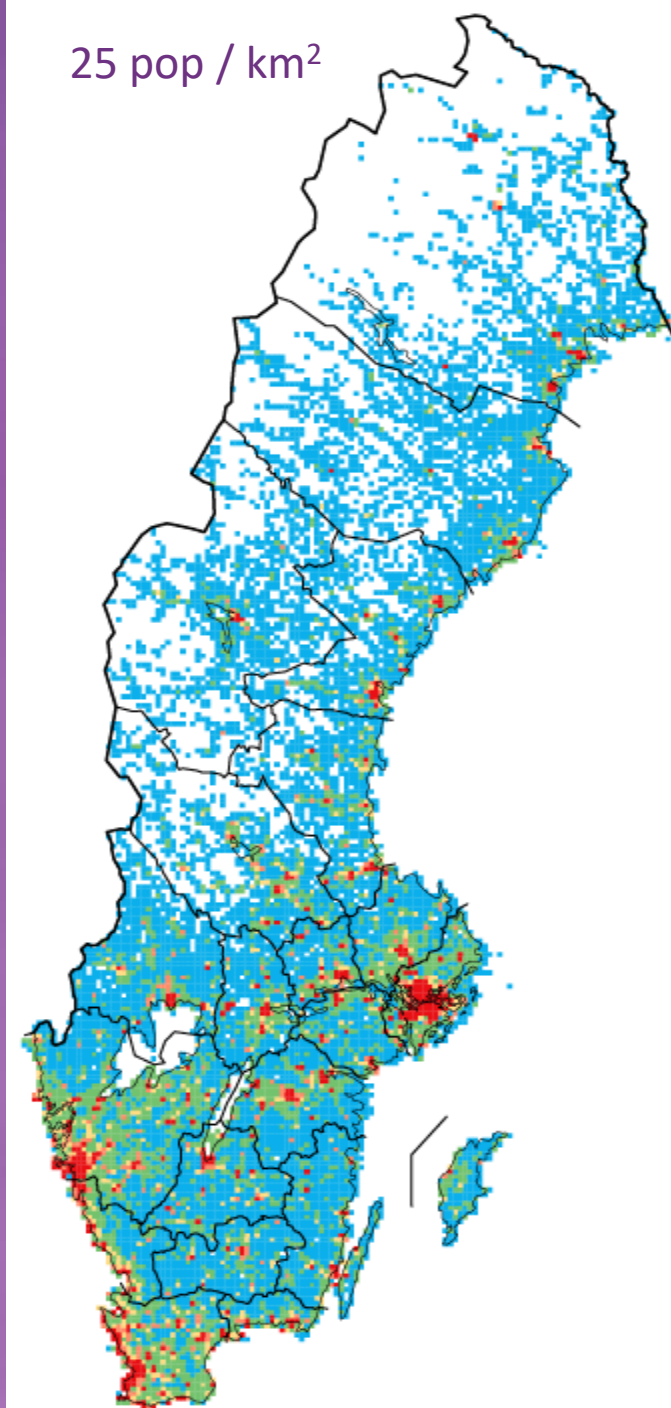
Director Resource Management Department

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Background and purpose

- Maximise societal value of radio spectrum in Sweden over time
- Lower entry barriers to harmonised spectrum
- A demand in the market for "non-national" licenses, sharing, verticals etc.
- Increase competition by enabling opportunities to establish "own" private networks
- Promote innovation by creating opportunities for new business models that can propel digitalisation.

25 pop / km²



Local licenses opened up by November 2021

- Limited geography licenses (property based)
- 3760–3800 MHz, and 24.25–25.1 GHz (indoors initially)
- Open for all (no bias for any specific type of user)
- TDD, max 38 dBm / 23 dBm/200 MHz TRP per cell, edge limit
- 5+5 years
- ~50€ / 10 MHz @ 3760-3800 MHz
- ~25€ / 50 MHz @ 24,25-25,10 GHz



- Chunks of 10 / 50 MHz
- Geographical restrictions in some cases
- Use it or lose it!
- And a bunch more fine print...
- Max 400 MHz in 26 GHz

Local licenses/applications

- 40 applications in 3,7 GHz mainly with 40 MHz requested
- Approx 30 licenses granted
- 10 applications rejected since Stockholm area not yet open for application
- 2 applications in 26 GHz, 400 MHz, Test and development 5G.
- Some example of use of these licences:
 - “Own” private networks for industries
 - Test of 5G
 - Self-driving vehicles in quarry industries
 - Communication and critical alarms in Hospital