

**Telia Company**



# IPv6 FORUM

## Feb 2023

Telia Company AB

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access strategy and architecture

# IPv6

- Who we are
- What we done
- Landscape
- Outlook



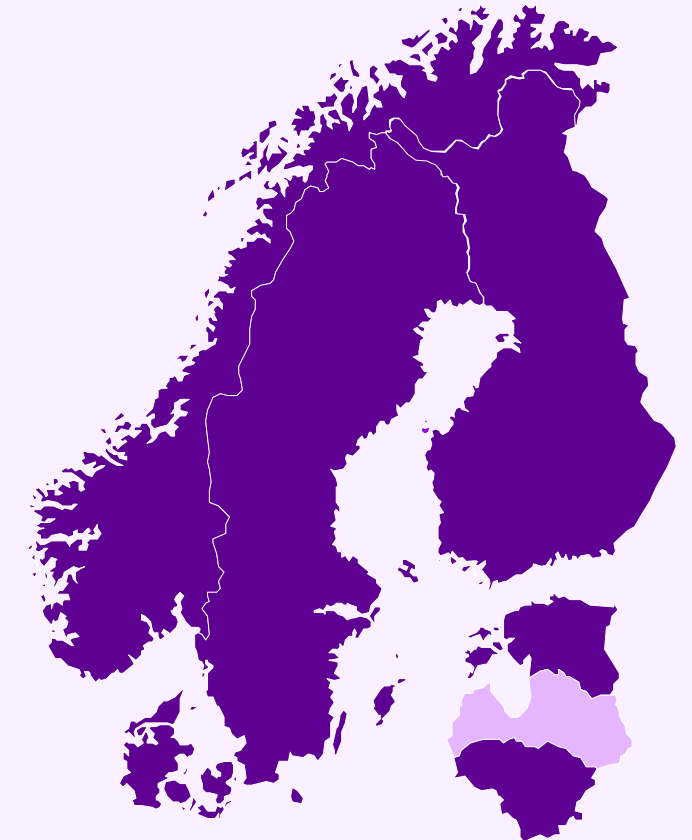
# Short about Telia Company

## Key facts and figures

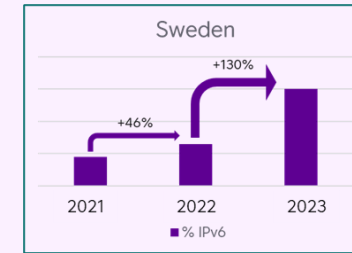
- Founded in 1853
- The share is listed at Nasdaq Stockholm and Nasdaq Helsinki
- Approximately 470,000 shareholders
- We are present in [Denmark](#), [Estonia](#), [Finland](#), [Latvia](#), [Lithuania](#), [Norway](#), [Sweden](#).
- Included in some of the most recognized sustainability indices, [FTSE4Good](#), and [oekomPrime](#)
- 20,000 employees

## As of year-end 2021 for continuing operations

- Net sales SEK 88,343 million
- 18.1 million mobile subscriptions
- 1.0 million fixed voice subscriptions
- 2.9 million broadband subscriptions
- 3.4 million TV subscriptions



# IPv6 Milestones



Native IPv6 for Business Internet and L3VPN

Native IPv6 B2C all fixed access Denmark

500k fiber access ports IPv6 in Sweden  
90% ports in Estonia with IPv6

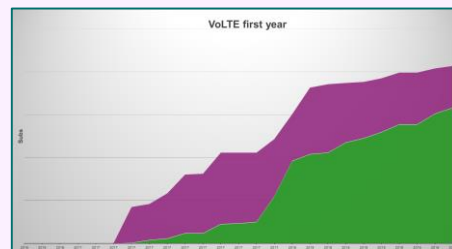
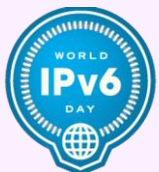


Opt-in IPv6 Launched

VoLTE launched on IPv6

Piloting native IPv6 B2C fixed access Sweden

1M mobile subs dual-stack Norway



# The landscape is complex, network is the simple part.

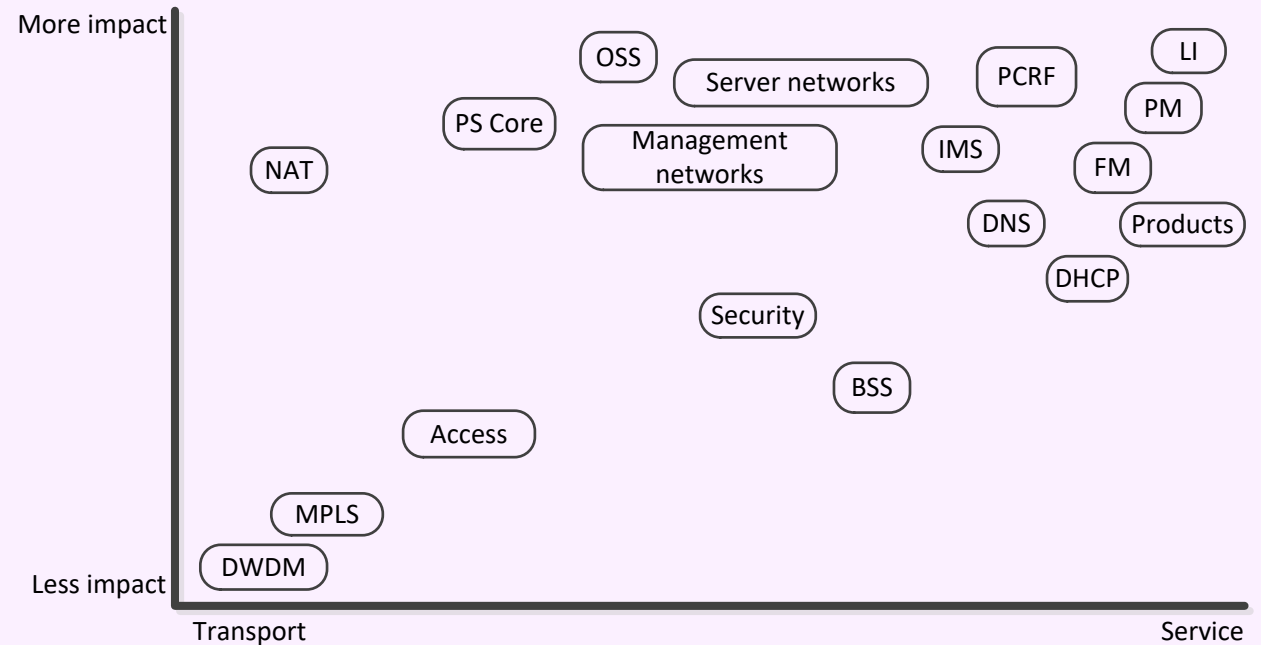
Tooling is and has been the main challenge i.e. billing, lawful intercept, performance management, fault management, service definitions etc

Main driver so far for IPv6 has come thru enterprises, regulators and production efficiencies

*Regulator push in Norway and Lithuania forced an accelerated dual-stack enablement for mobile subscriptions*

Product lifecycle give an natural opportunity to enable native IPv6

Low to none-existing customer push does not help with prioritization



# Outlook

- Dual-stack for Mobile subscriptions, market by market enabled, driven by regulatory and customers requirements.
- Dual-stack for Telia Fiber Internet access, part of service lifecycle. Clear plan for Sweden FTTx until 2025
- Network level is fully IPv6 ready
- New services based on IPv6 since 2015

