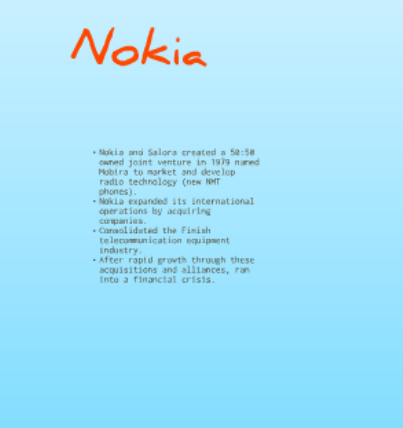
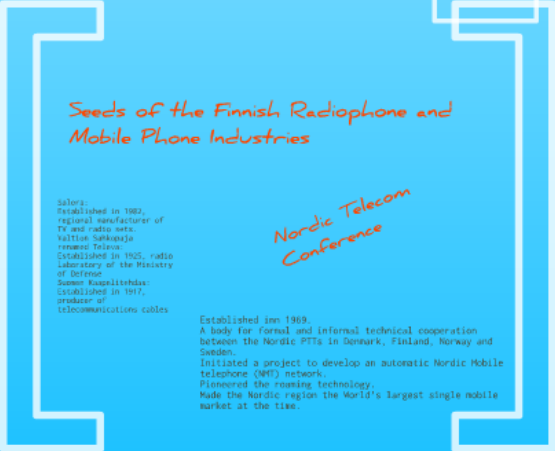


Nokia

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1980s

The merge of Nokia (originally a wood pulp mill) and Suomen Kaapelitehdas (Finnish Cable works) 1966- 1967 provided the core knowledge base for the new entity. (Core Competence)

New kinds of investments arose alongside public sector (Venture Capitalists) In 1985, restrictions on foreign ownership of Finnish firms were removed

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The recession in 1990s provided a complete change in the structure. The center of expertise program focused on strengthening regional competitiveness by increasing innovation (Creative Destruction)

In 1994, policy making powers of the regions which helped strengthen to develop their own economy. Development activities (liberalization of the financial markets making lending easier)

Early adaptation of RMT created an opportunity for Finland to have a breakthrough in 1994

R&D expenditure increased throughout 1980s making Finland one of the leading OECD countries in public R&D and education

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Emergence of the Finnish Telecom Cluster

Characteristics

- The Finnish telephone network was never monopolized by the state.
- Deliberately fragmented market structure.

Public Telephone Network (PTN)	Public Mobile Network (PMN)
<ul style="list-style-type: none"> • 1990: state-owned 	<ul style="list-style-type: none"> • 1990: state-owned
<ul style="list-style-type: none"> • Multiple state-owned companies exist 	<ul style="list-style-type: none"> • Two state-owned companies exist
<ul style="list-style-type: none"> • No overlapping areas • No state-owned mobile network exists 	<ul style="list-style-type: none"> • Overlapping areas exist • No state-owned mobile network exists

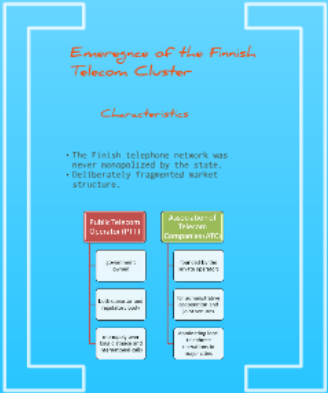
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Seeds of the Finnish Radiophone and
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Nordic Telecom
Conference

Established in 1969.
A body for formal and informal technical cooperation
between the Nordic PTTs in Denmark, Finland, Norway and
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'Expansion at a Rapid Rate'
- The market began to attract private operators and manufacturers.
- The Association of Telephone Companies formed a joint venture in 1988 , Radiolinja, to operate a private network.
- In 1981, demand from the Finish PTT led the domestic equipment industry to develop a base station.
- By 1985, the NMT standard held a leading position in a number of foreign markets, with an average annual growth rate of 50%

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Finland and Nokia:
Creating the World's
Most Competitive
Economy

Outline

Country Background

Basic Info

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- Basic Info
- Country's History
- Economy
- Telecom Industry



Basic Information

Surrounded by Baltic sea in the South
West

Russia in the East

Sweden and Norway in the Northwest.

Capital: Helsinki

Population: 5.3 million on 130,000 sq

Surrounded by Baltic sea in the South and the West

Russia in the East

Sweden and Norway in the Northwest.

Capital: Helsinki

Population: 5.3 million on 130,000 sq miles

76% of the land covered with forests

Homogenous society with few immigrants

6% Swedish

Language: Part of the Finno-Ugrian of Hungary and Inuit of the far north (Finnish-Swedish-English)