New Leinelä –
A housing area in the forest

Forest Recreation and Tourism Serving Urbanised Societies
11 th EFUF Congress 2008
Aino Leino
Vantaa - Vanda

The fourth biggest city in Finland
Inhabitants (2008) 192 500
Area, km² 242.6
Inhabitants per km² 736

Traces of human habitation date back 7000 years

First mentioned in a document in 1351

Became an independent city in 1974
Vantaa – a city in change
Vantaa is an attractive place for jobs and businesses, situated at the core of an international metropolis. The city strives for building a safe everyday life by listening to its inhabitants, drawing strength from multiculturalism and caring for the environment.
City of Vantaa's forest-management principles

1. Biodiversity

The objective of all forest management is to preserve the vitality and diversity of forests. We obey the criteria set by the Finnish Forest Certification System.

2. Environmentally friendly technologies

Forest management deploys environmentally friendly technologies.

3. Landscape management

When managing forests, both near and distant landscapes are managed.

4. Safety
Master plan 17.12.2007

Airport

Leinelä 1
Leinelä 1 – summer 2007
from the south
Municipality (local) aims –
- new inhabitants
- new tax payers
- economics

National aims –
- logistics
- houses

International aims –
- airport-connections
- railway
- business

Old woodlands
50 HA
Leinelä

Land use policy

Old housing areas –
recreation

Nature protection areas
- ecology

Green area programme
-principles of silviculture

Landscape
- Social aspects
- Health and welfare

Urban architecture
- quality of the area

Urban forestry policy

Participation
Solution:
The most perfect cooperation between the specialists

Participants
Land Use Planners
Architects
Engineers of infrastructure
BUILDING COMPANIES
Landscape Architects
Nature specialists
URBAN FORESTERS

Open and well planned process!
Careful planning
Guidelines for the neighbourhood valuable areas

- Swampland
- Cliffs
- Birchstand
- Grove with ferns
Town plan of Leinelä

- **Recreation area**
- **Houses**
- **Business & service**
- **Recreation area**
- **Apartment buildings**
- **Central park**
- **Service area for the houses**
’Training’ cuttings

- to choose the trees which have a chance to survive during and after the constructing period and cut off the rest
- to train the remaining stand to the future circumstances
Harvesting the roadsides
Illustration of Leinelä
Remaining green area
Koivukylänväylä in winter 2007-2008
Timber income

Totally 92 000 €
⇒ 1673 m³
European 9 competition
(example)
Leinelä – Urban Forest Town