

# Cultural heritage management in community processes

## Porvoo National Urban Park

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Landscape architect

Porvoo Town planning





Population in Porvoo 50 000







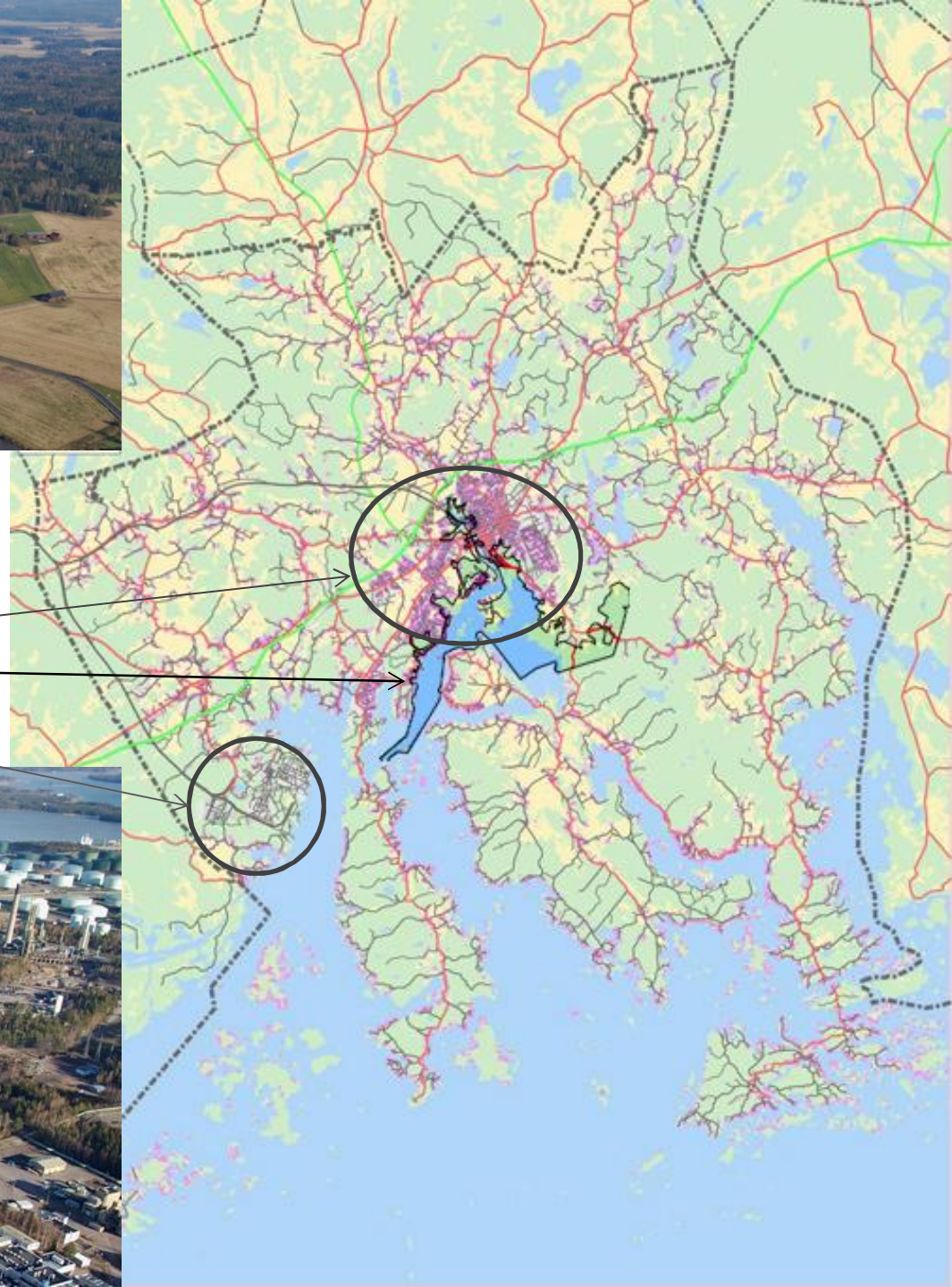
Land area 655 km<sup>2</sup>

Water area 1 500 km<sup>2</sup>

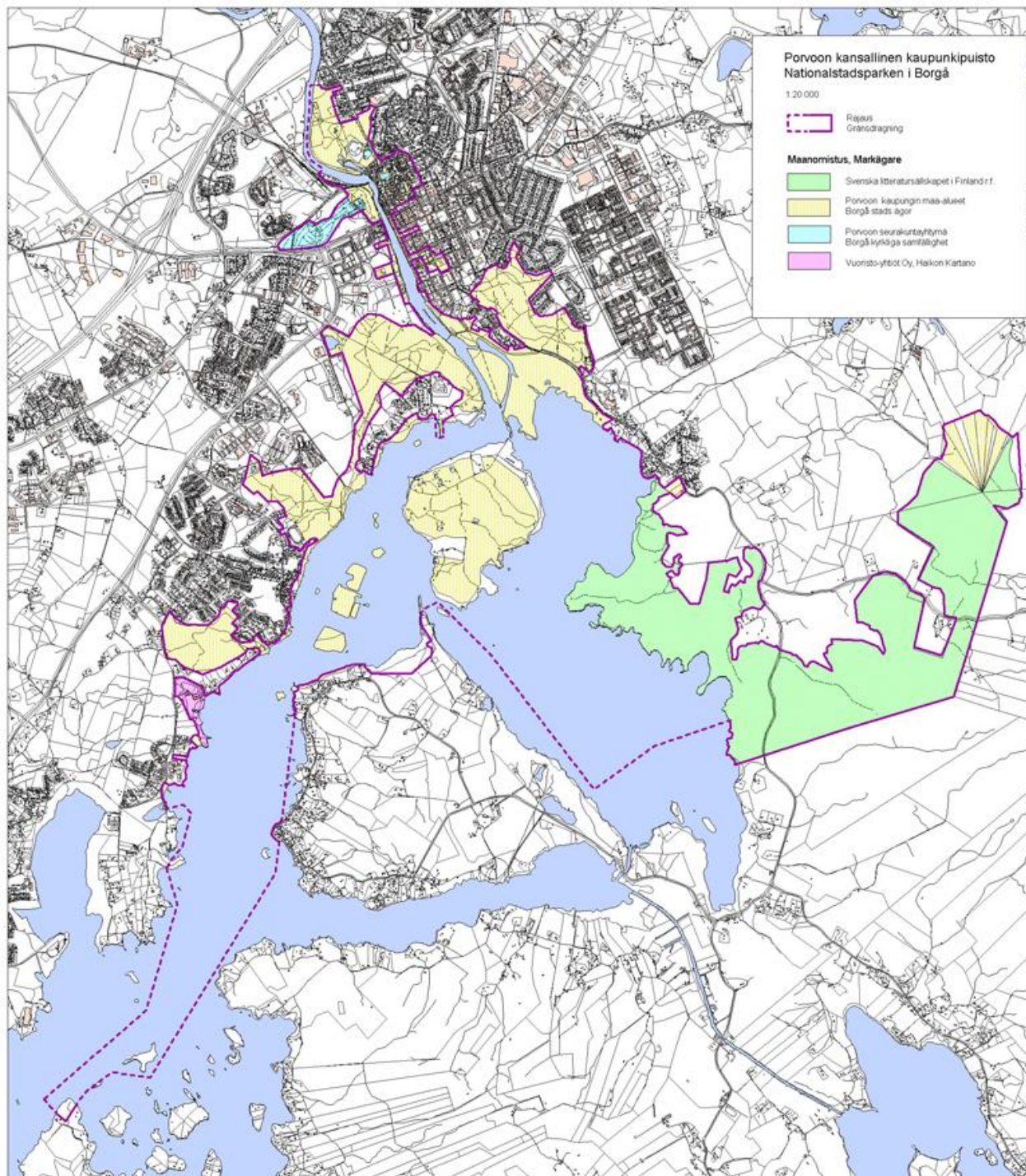
“Urban area” 25 km<sup>2</sup>

“National Urban Park 11 km<sup>2</sup>+water 10 km<sup>2</sup>“

“Industrial area” 20 km<sup>2</sup>







## Land owners in Porvoo National Urban Park

Svenska Litteratursällskap  
i Finland 625 ha

Porvoo municipality 411 ha

Parish 15 ha: old cemetery  
Haikko Manor Hotel 15 ha

171 private estates 60 ha

- Building permit
- 'Measure permit'





Population 35 000 in urban area. Annual growth about 100 detached houses and 2 apartment buildings





Porvoo National Urban Park





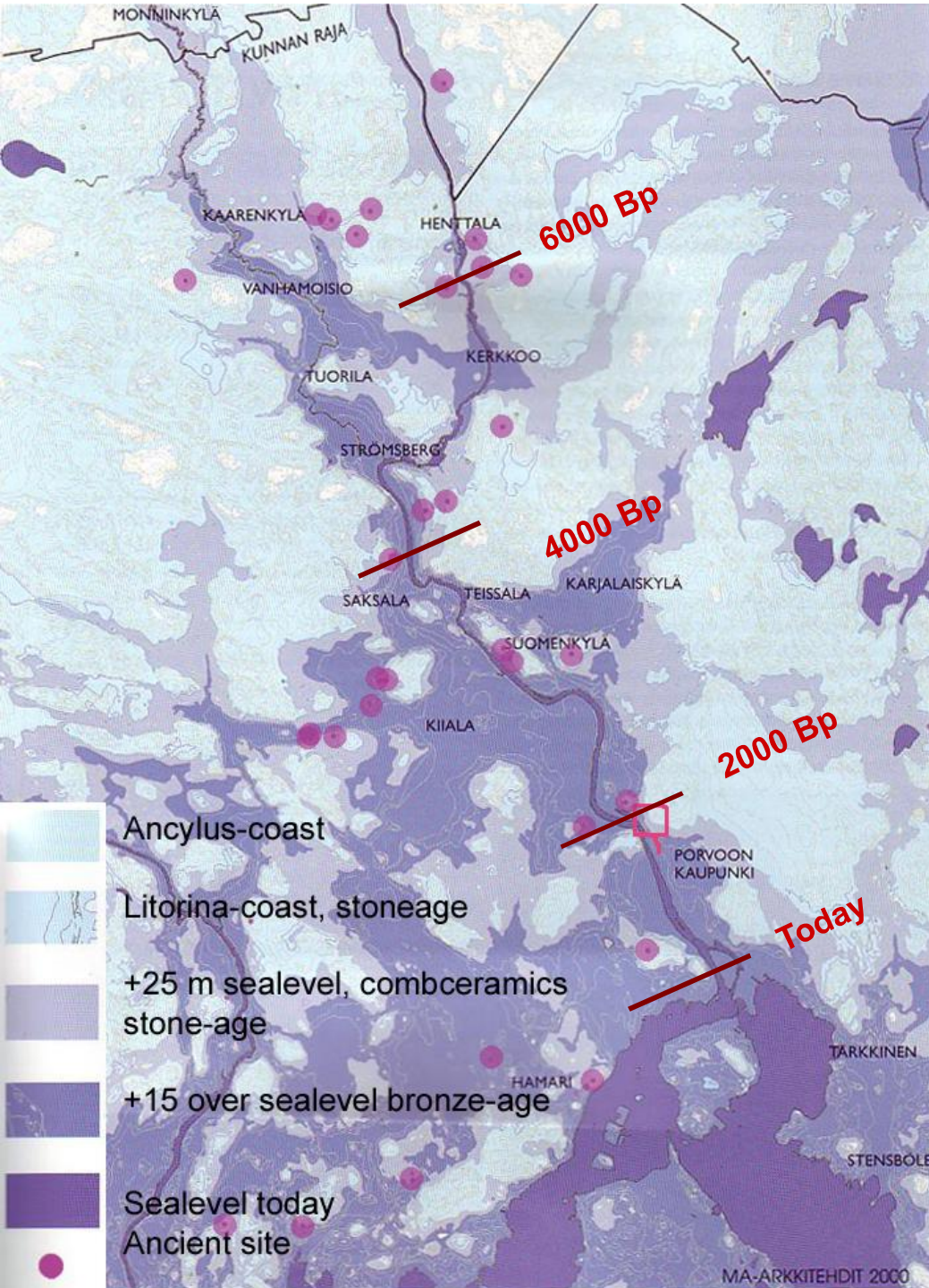
Wetland, old forests, bogs and rural semicultural biotopes





Islads, waterfront and recreational forests





Geological uplift of land is  
25 cm / 100 years

The Porvoo river mouth has  
moved 12 km southwards  
since stone age

4000 years of history is  
visible in the town centre













Protected with many decisions

Permission process is complicated because of diverse protection  
'Ancient History should be visible in the townscape'

- Afforested land is restored to pastoral landscape, "citycows"
- Semicultural biotopes on archaeological sites are mowed







Natura 2000 –area: Medieval harbour and Hill fort, archaeological site, landscape protection area, species protection

> semi cultural biotopes are mown, the bay is dredged

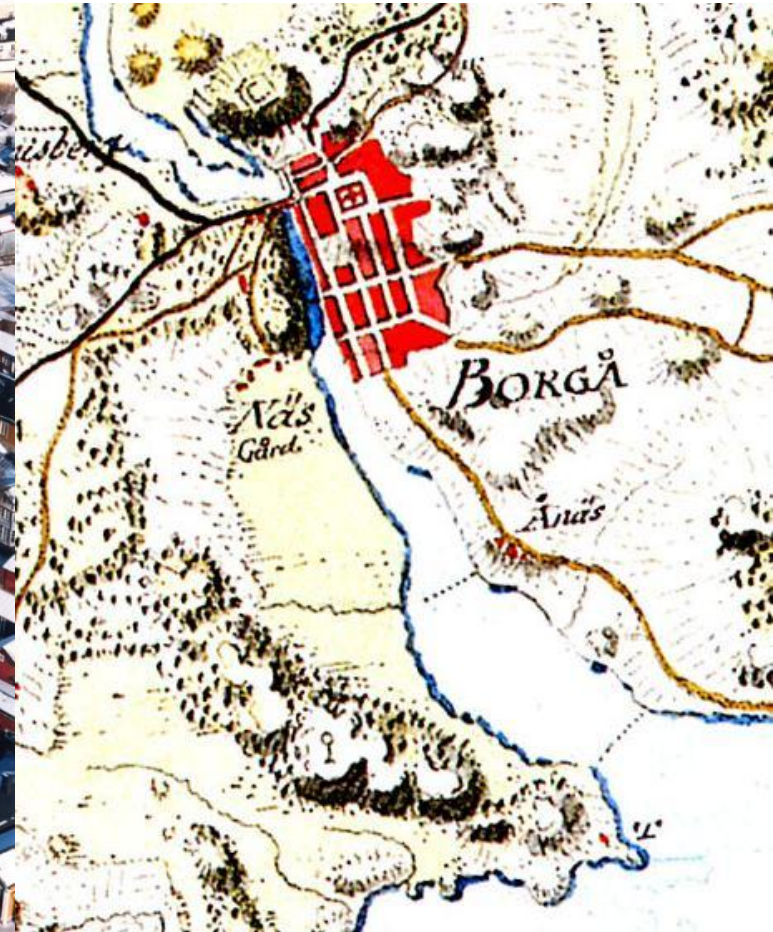
Dredge of the bay and Inventory of vegetation should be done again...

Permission process is complicated because of diverse protection decision



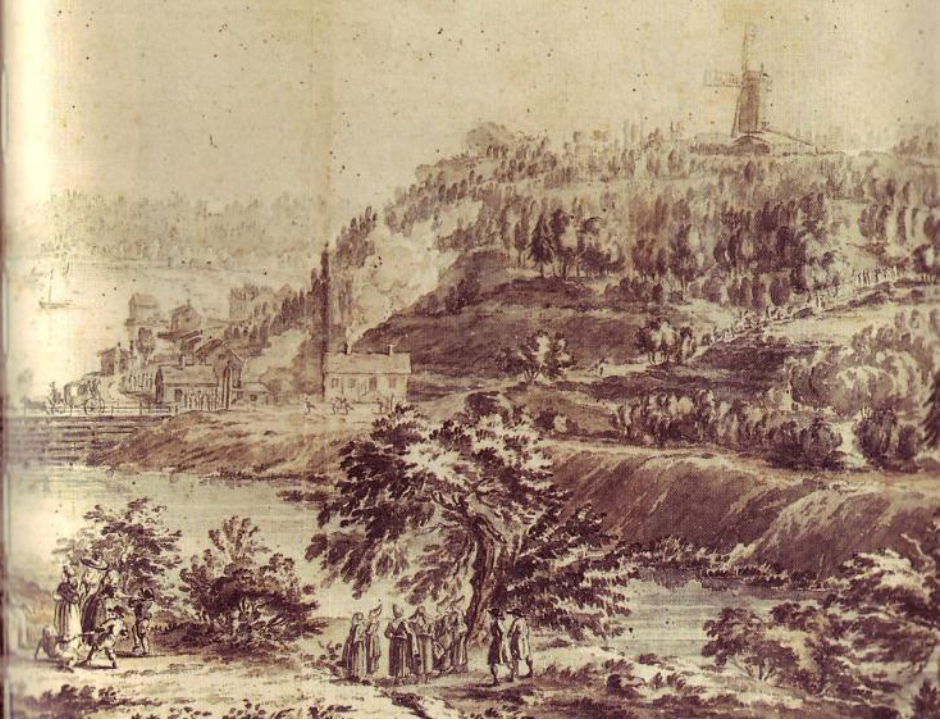


Old town in Porvoo  
20 ha,  
151 Private landowners,  
Medieval street net  
Houses from 18th century



Map 1773, photo 2010





1789

2009













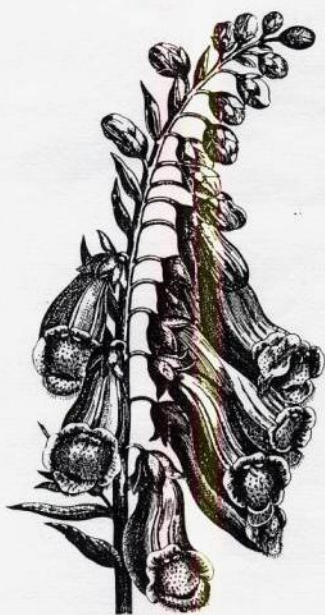


Fig. 4. *Digitalis purpurea*, fingerborgsblomma. Alla växtbilder är tagna ur R. Hult: Bildatlas öfver växtriket, Helsingfors 1893.



Fig. 5. *Reseda luteola*, färgreseda.



Fig. 6. *Oenothera biennis*, nattljus.



Fig. 7. *Polemonium caeruleum*, blågull.

## Old cultural plants

Arhaeophytes

Medieval medicinal plants

Plants from enlightenment-era

Dr. Thunberg, Uppsala University

Dr Johan Borgström, Porvoo Gymnasiun

Ca 360 species propagated in years 1783-1792

### Catalogus vegetabilium in Horto Borgöensi 1788:

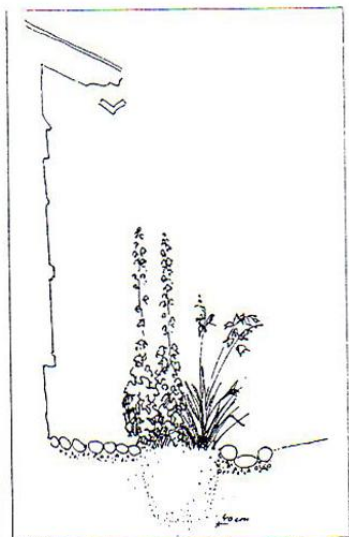
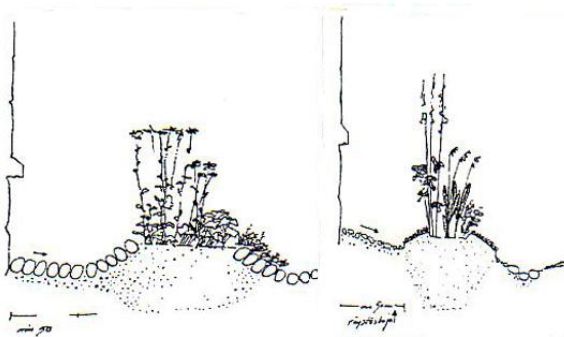
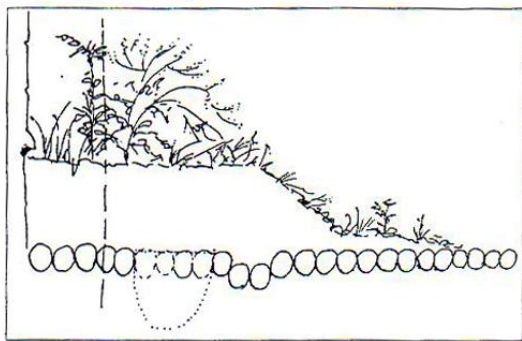
- Medicinal Herbs 24 species
- Textile and colour 8
- Spices 19
- Decorative plants 61

Inventories 1956, 1990, 2012-13

Result is not yet studied

New Building Instructions









## Benefits of the NUP for the Municipality

1. Greenareas are protected



2. Communicating about mixed values in Community Processes:  
Cultural and Natural Heritage, Archaeology and Landscape  
Maintenance is based on many values and discussed in round table.

3. Combining knowledge about places and their various values  
to private owners  
to sports, recreation and education

**We try to make a mixed map of "Time and Place" in Porvoo where everyone is responsible**