



Sea Trout Workshop 31-5—2.6.2006

The Åland Islands

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Fiskeribyrån





THE ÅLAND ISLANDS

6 500 islands – 60 permanently inhabited

Ca 26.000 inhabitants

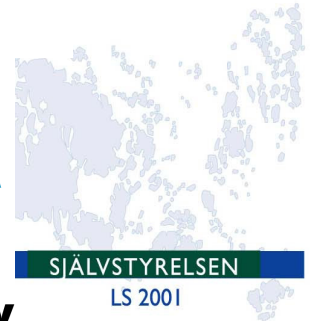
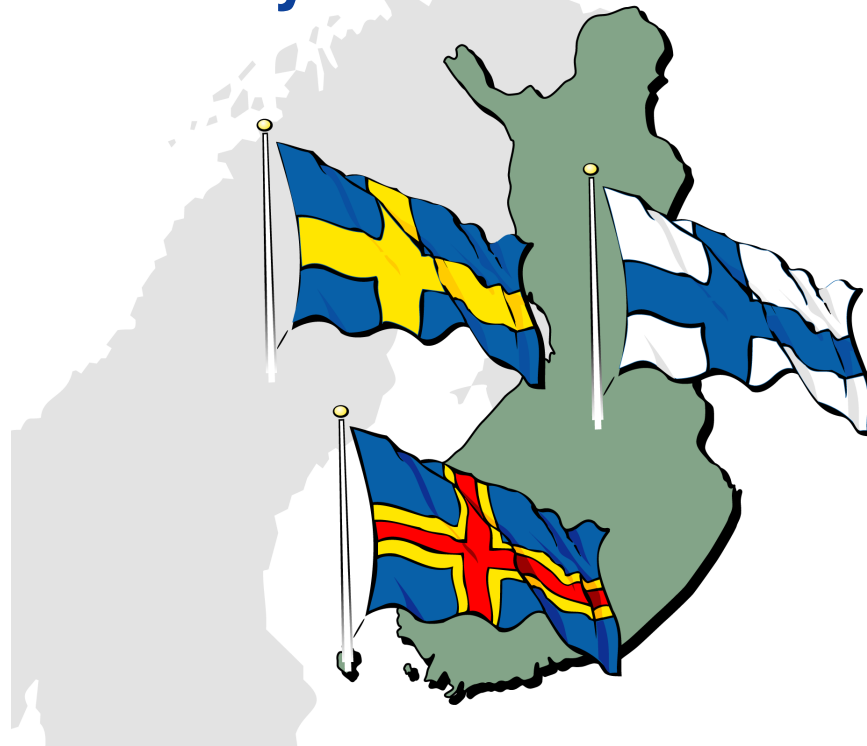
Area: ~ 13.300 km², > 80 % water





AN AUTONOMOUS REGION

- Åland parliament & government
- Act of Autonomy of Åland 1922 ->





Sea Trout on Åland



- fishing & catches,
- Fishing regulations; international & regional
- naturally breeding stocks; not known
- Monitoring & research; cooperation with other regions
- Sea-ranching

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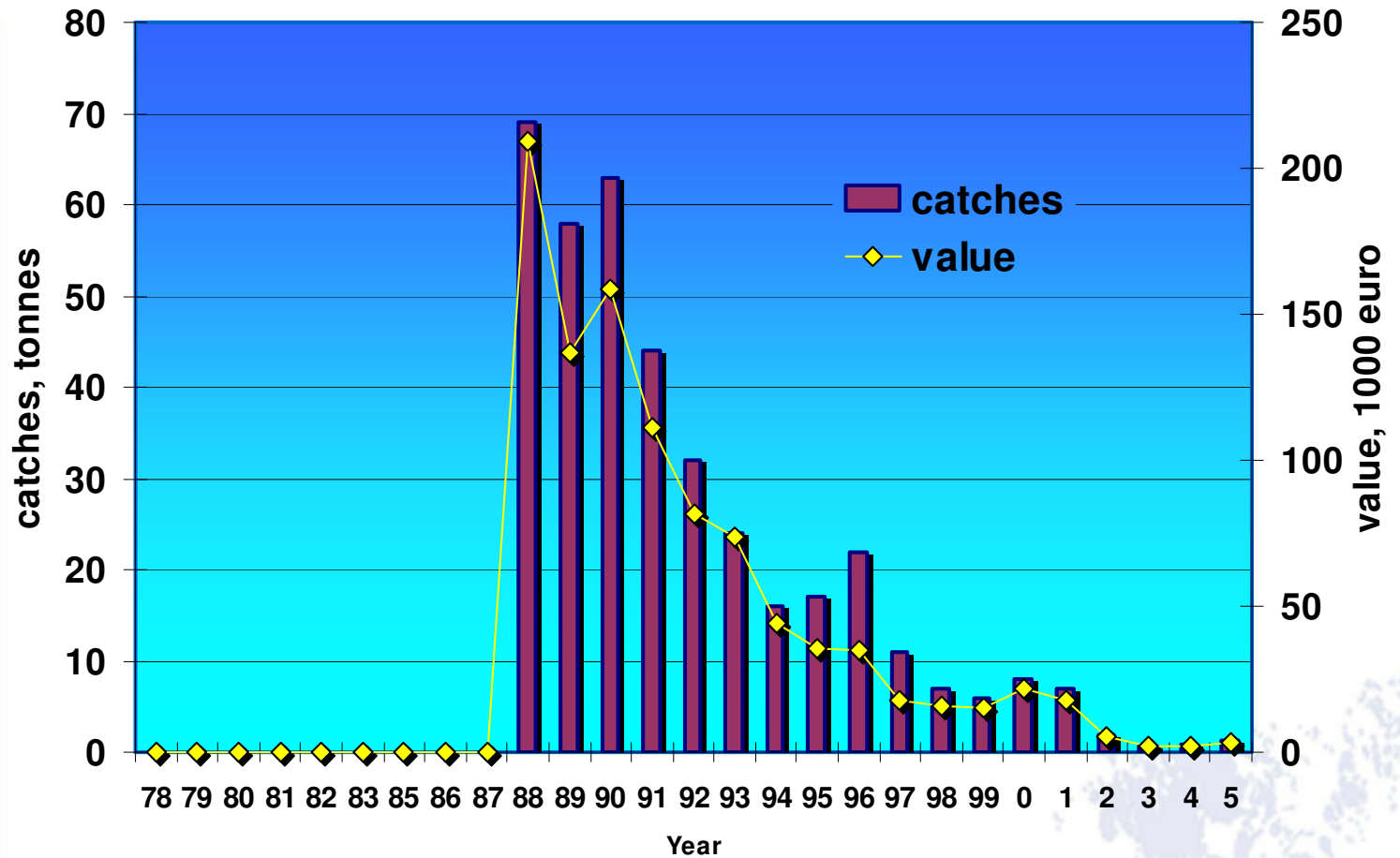




Fishing & Catches



➤ Includes only professional fishing





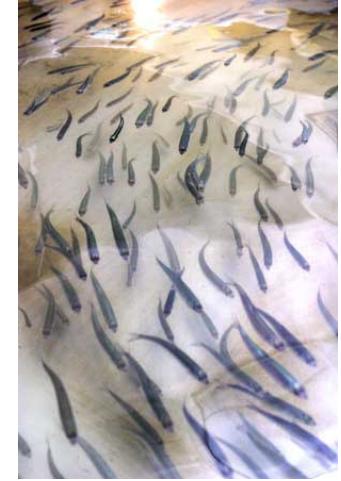
Fishing regulations

- International/EU-level (EG 2187/2005),
- Regional level;
 - ✓ minimum landing size (50 cm)
 - ✓ Minimum mesh size (55 mm/80 mm)
 - ✓ Other restrictions (area, time): no general rules
 - ✓ Decisions by the owners of the waterareas: no
 - ✓ For professional and recreational fisheries: permission from owners
 - ✓ Professional gear; governmental licence



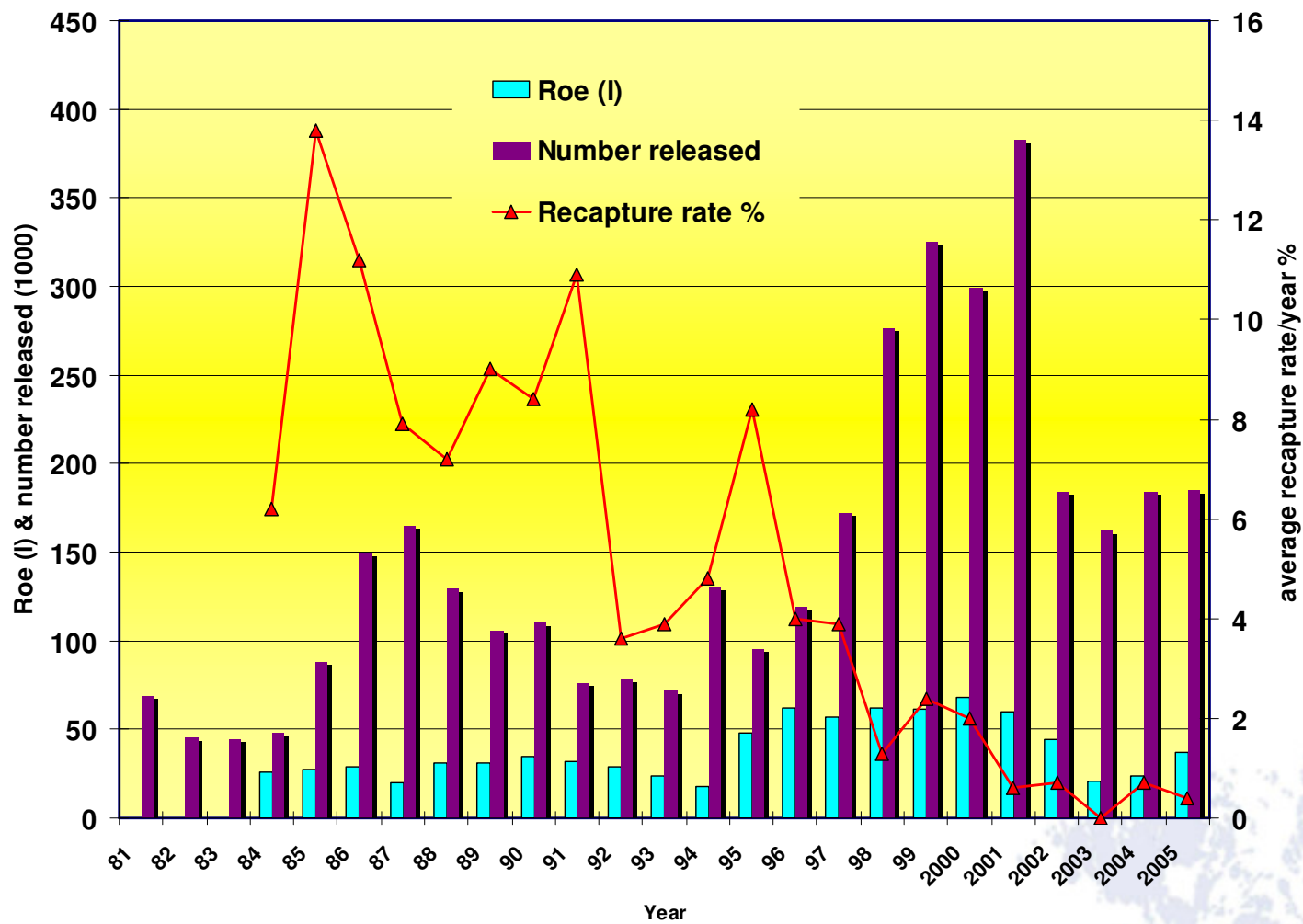
Sea Ranching

- Governmental hatchery & smolt production unit;
 - ✓ Improve recreational fisheries (tourism)
 - ✓ Brood stocks; not reared, regionally collected spawners, origin (mixed stock: Dalälven, Isojoki)
 - ✓ 1-year old -> delayed release,
 - ✓ 2-year old,
 - ✓ No specific quality criteria
 - ✓ Monitoring; tagging & recapture rates (negative trend!)





Releases of Sea Trout





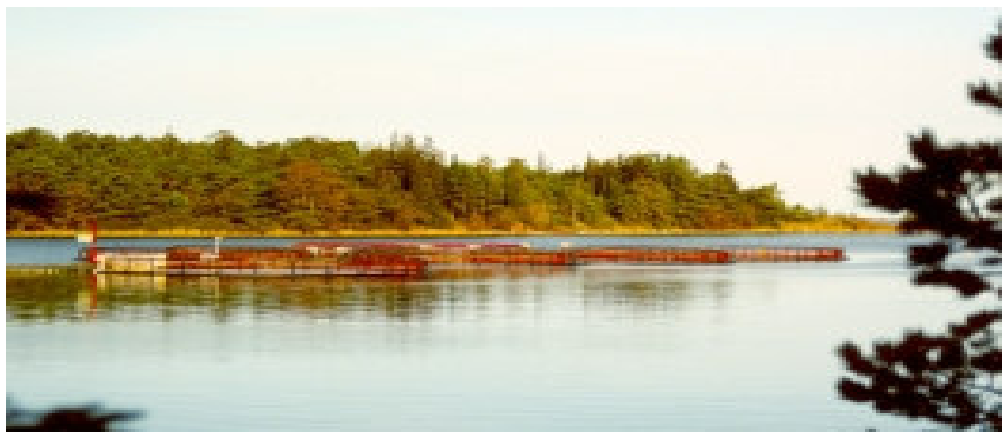
Sea ranching; figures & results

- Amount of roe for hatching: 15-70 liters/y (average 38 l/y),
- Number of smolts released: 40.000-400.000/year (average 160.000)
 - ✓ fish released/l roe: 2.200-8.800 (~ 4.500)
- Tagging: 1-6 groups/y á 500 ind.
- Recapture (average/y,): 14 % -> 0 %!



Needs for management and other measures

- Long term management plan for restockings and sea ranching:
 - ✓ guidelines for smolt quality and scheme/practice for smolt release
 - ✓ -> improved recapture and benefit
 - ✓ Local stocks (reproduction possibilities) ? – impact on other/natural stocks?
 - ✓ Based upon improved knowledge and scientific advice, -> cooperation with other Baltic countries



<http://www.ls.aland.fi>

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