7 years of End-of-Life-Boat recycling in Finland



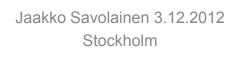








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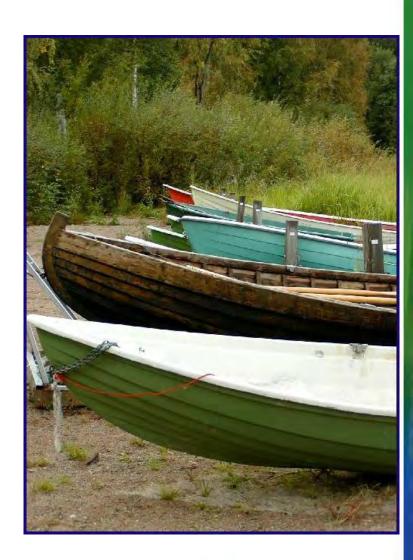
Kuusakoski Group

- Established 1914
- The leading industrial recycling company in northern Europe
- One of the largest refiners and suppliers of recycled metals in the world
- Recycling services for companies, municipalities, farmers and consumers
- The materials generated in the recycling service are refined mainly for industrial use as raw material and energy
- A forerunner in developing and manufacturing recycling and environmental technology solutions



Starting Point in 2005

- Appr. 731 000 leisure boats in Finland
- ELB Recycling was responsibility of the last owner
- No easy way to recycle your boat





Test face

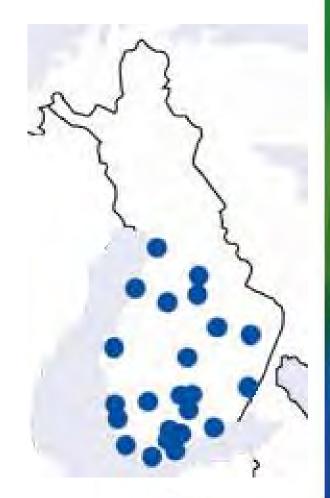
- Finnboat contacts Kuusakoski
- A test recycling campaign was planned for summer of 2005 in Turku archipelago area
 - Pick up service
 - Free recycling for consumers
 - Hazardous waste sanitation
 - Material recycling

Result: 280 recycled boats



Building up the recycling system

- Kuusakoski operates as a recycling operator
- Covering collection network (25 sites)
- Efficient pickup logistics
- 3 efficient recycling plants for boats
- Channels for all raw materials





Recycling process

- 1. (Pick up from customer)
- 2. Reception from customer at Kuusakoski Site
- 3. ELB pretreatment (hazardous waste sanitation)
- 4. Shredder process
- 5. Mechanical material separation process
- 6. Raw material sales / landfilling
- 7. Reporting to customer and to environmental authorities







ELB recycling in Finland 2012 ->

- Kuusakoski provides a cost efficient, whole country covering, environmentally friendly recycling system
- Pickup service are provided to all boat sizes
- Costs for consumers are on a affordable level
- Campaigns with boat manufacturers (Buster)
- The system can be used a platform to develop EU legislation
- There is high demand for the boat recycling in Finland (~250 ELB's are recycled every year)



Thank you!



For more information: jaakko.savolainen@kuusakoski.com



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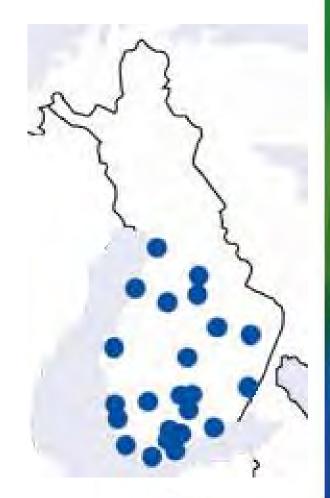
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