

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

Jaakko Savolainen 3.12.2012  
Stockholm



**Buster**<sup>®</sup>

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

Jaakko Savolainen 3.12.2012  
Stockholm



**Buster**<sup>®</sup>

# 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](mailto:jaakko.savolainen@kuusakoski.com)

Jaakko Savolainen 3.12.2012

# 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



## 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)