



## Boats in a Circular Economy

The purpose of the project has been to identify incentives for key actors that would benefit from a functioning recycling system for boats.

At present, management of end-of-life boats (ELB) or scrap boats is quite uncommon in Sweden. Although a national collection and recycling system, *Båtretur*, has been in operation since 2015 the rate of collected boats is very low. There are few economic and environmental incentives in the value chain for boats to ensure that the scrapping rate increases.

### Financial solutions are needed

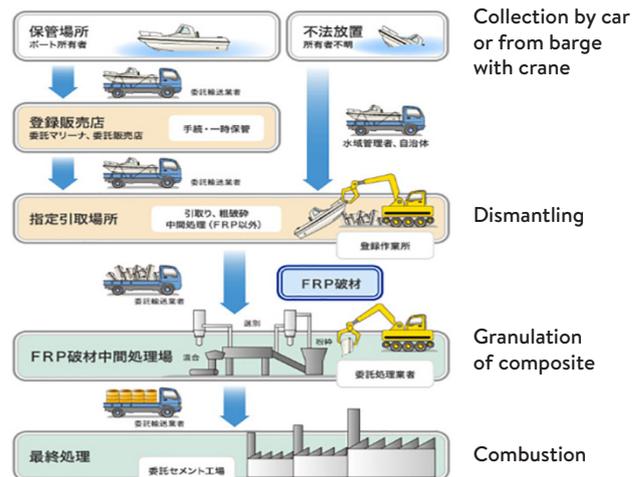
In order to achieve a sustainable solution and recovery of sufficient quantities of boats, an incentive is needed to get the last owner to actually submit her/his boat for recycling when it's due time. One proposal is to establish an "environmental fund" which aims to support measures and improve the environmental performance of boating, e.g. through reduced litter and increased scrapping of boats.

In the short term, the need for financing the administrative costs of running the national collection systems is evident. It is estimated that at least 2000 boats need to be handled yearly by the system to cover the administrative cost.

In order to increase the collection rate this project has developed suggestions for fundraising campaigns, information material and demonstration projects to be further improved and hopefully implemented during 2017-2018. In addition to such activities, both short- and long-term financial solutions has been discussed within the project as well as with other external actors.

### Future goal: recycling

In the current system, material from ELB is used for energy recovery which from an energy per-



A brief overview of the boat scrapping process.

(Picture: <http://www.marine-jbia.or.jp/recycle/recycle.html>)

spective can be considered as an appropriate treatment. However, the future goal is to develop technology and reach enough volumes in the system to make it possible to create a demand for materials from ELB, thus improving the resource management over the entire life cycle of the boat.

## Project facts

**Project name:** Boats in a Circular Economy

**Keywords:** Boat, end-of-life, recycling, value chain, incentive

**Project period:** August 2016 to March 2017

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