

# fiskeby news



## Full steam on board machine



Sten Christoffersson:  
**Environmental benefits with plastic recycling**



Several advantages with sea transports



Susanne Stenberg:  
**The packaging is important**



# Several initiatives with **environmental benefits**

**WE ARE IN AN INTENSE PERIOD** with several different activities. During this year we will implement new business management and production systems to replace our old IT systems. It is a strategic investment for the future.

**FISKEBY'S BIOGAS PLANT**, which will produce climate neutral biogas from waste water will be completed in the Spring. This facility will complement the company's existing water treatment plant. The increased treatment capacity will reduce the company's environmental impact and provide the potential for enhanced cartonboard production.

**ANOTHER PROJECT** with clear environmental overtones, which you can read about in this newsletter, is a project to recycle plastic from the recycled paper that we purchase.

**UNITED KINGDOM HAS LONG BEEN ONE OF OUR KEY MARKETS** and most of the cartonboard sent from Fiskeby to the UK is shipped by sea. This is a transport solution with environmental advantages. Since the beginning of the year we have a new/old logistics solution to the UK with two possible departures every week.

Enjoy reading!



Torbjörn Hansen, CEO



Fiskeby Board AB is one of Europe's leading manufacturers of cartonboard. Our Multiboard brand is based on 100 % recycled fibre. Our premises are located in Norrköping, Sweden where we have 264 employees. We manufacture 170,000 tonnes of cartonboard each year.

Read more at [www.fiskeby.com](http://www.fiskeby.com)

#### Fiskeby Board AB

Box 1, 601 02 Norrköping, Sweden. Tel +46 (0)11 15 57 00  
info@fiskeby.com www.fiskeby.com

#### Fiskeby Board Ltd

2 Prebendal Court, Oxford Road, Aylesbury Bucks. HP19 8EY, United Kingdom.  
Tel +44 (0)1296 42 62 19

#### Fiskeby Board GmbH

Bergstrasse 61, D-87724 Ottobeuren, Germany. Tel +49 (0)8332 796 132

#### Pack partner Sp.Z o.o

Marynarska 21, PL-02-677 Warszawa, Poland. Tel +48 (0)22 607 0460

#### PLS – Pierre Lelong Service

79 Avenue Raymond Poincaré, 75116 Paris, France  
Tel +33 (0)147 55 72 00



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Torbjörn Hansen, CEO Fiskeby Board AB



*Recycling of the plastic fraction into new products means that we can utilise our raw material in the very best way*

Sten Christoffersson,  
Manager Strategic Supply

## 25

tonnes of waste paper is recycled every hour

## 350

metre/minute is the speed of the board machine

## 1200

electrically heated homes is equivalent to the electricity produced each year

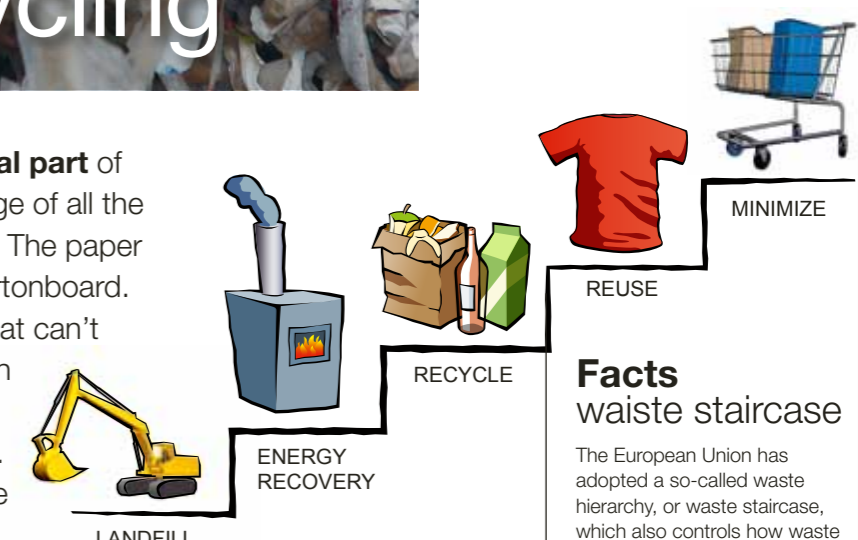
## 130 000

tonnes of cartonboard was sheeted in 2014



Plastic recycling will increase gradually, says Sten Christoffersson.

**Sustainability has long been a natural part** of operations at Fiskeby. We take advantage of all the recycled raw material that we purchase. The paper fibre is recycled and turned into new cartonboard. The elements of the recycled material that can't be used to make new cartonboard, such as the plastic in beverage containers, is today incinerated in our energy facility. Now, attempts are in progress to recycle the plastic as well.



**FISKEBY IS THE ONLY MILL** in Scandinavia that manufactures cartonboard made from 100% recycled fibre. We buy about 180,000 tonnes of recycled fibre annually, consisting of carton packaging, printing and office waste paper, to manufacture new cartonboard. Deliveries are from all over Sweden. About 80 % comes from Sweden, 18 % from the rest of Scandinavia and the rest from other countries.

This raw material also contains approximately 8,000 tonnes of plastic reject each year. The plastic derives mainly from corks and the plastic barrier in liquid packaging boards.

**FOR A FEW YEARS NOW** Fiskeby has run a joint project with Tetra Pak to find ways to recycle plastic from the liquid packaging board that is recycled at Fiskeby. This means a big win for the environment because recycling is an environmentally better option than energy recovery.

– Recycling of the plastic fraction into new products means that we can utilise our raw material in the very best way, says Sten Christoffersson, Manager Strategic Supply at Fiskeby. When the recycling of the plastic is in place, we will use bio-based waste and other industrial waste which today is landfilled, as a fuel substitute in our incinerator. So we can see several environmental benefits from this project.

**IN 2014, FISKEBY STARTED** a number of trials to recycle plastic and several plastic recyclers have conducted test productions. The outcome has been very positive, and in the near future industrial recycling of the plastics fraction will be in place.

– The recycling will be incremental to 2018, achieving approximately 75 % of the volume, says Sten Christoffersson. The recycled plastic will be used to manufacture plastic products with external business partners. ●

### Facts waste staircase

The European Union has adopted a so-called waste hierarchy, or waste staircase, which also controls how waste is disposed of in Sweden.

The waste staircase is divided into five stages:

- 1. Minimise waste.** We should first make sure that we create as little waste as possible.
- 2. Reuse.** We should try to reuse all waste, for example give away old things.
- 3. Recycle.** Fiskeby is a good example of recycling where both paper fibre and plastic from paper and cartonboard packaging is recycled.
- 4. Energy recovery.** If the waste can't be recycled, the energy in the waste is recovered by incineration.
- 5. Ultimately material** is deposited in a landfill.

Source: Waste Sweden





## New/old logistics solution to the *United Kingdom*

The UK has long been one of Fiskeby's largest and most important markets. Most of the cartonboard sent from Fiskeby to the United Kingdom is shipped by sea. Each week, about 25 containers leave Fiskeby destined for Hull in the UK.



**SINCE JANUARY 2015**, the shipping company SUN Line operated by Thor Shipping & Transport (TST) has been responsible for Fiskeby's shipping. Goods are loaded in containers at Fiskeby and shipped from the port of Västerås once a week. The company has three container ships (MV Frej, Odin and Alrek) that run regular routes between Sweden, Holland, Belgium and the United Kingdom. The vessels were built in the late 1990's and each has a load capacity of 100 containers. (About a 4000 tonne payload).

**FROM MARCH 2015**, departures take place from Oxelösund and Västerås twice a week compared with the previous once per week, says Stefan Lindgren, Liner/Operation Manager at Thor Shipping. We have customers in different industries but from



**Stefan Lindgren,**  
Liner/Operation Manager,  
Thor Shipping.

### Facts Thor Shipping

Thor Shipping, part of Dutch TST Holdings, has been providing sea transportation since 1994. In Sweden, the company is represented with offices in Västerås and Södertälje. The Company's headquarters are located in Amsterdam. There are 17 employees in Sweden. Since the end of 2014, the Company has offered regular sea services to and from the Continent.

Sweden there is a lot of steel, wood and cartonboard being exported. Fiskeby is, by the way, one of our biggest customers. On the return sailing from England the cargo is mostly consumer goods.

– The advantages of this logistics solution are several, says Bo Karlsson, Logistics and Customer Service Manager at Fiskeby. Cost-wise transportation by sea is very competitive when compared to transport by road. In addition there are environmental aspects. Sea transport is an environmentally better option than transportation by truck. In 2015, this has become even more pronounced when new rules designed to reduce sulphur emissions by marine transportation are being introduced in Northern Europe.

**IN HULL THE MATERIAL** that does not proceed straight to the customer is stored at Thor's own warehouse. The staff at Fiskeby's UK Office in

Aylesbury have been very pleased with the implementation of this logistics solution.

– The transition to Thor Shipping has gone smoothly, says Peter Beckwith, Sales Manager Western Europe. Having the UK warehouse has enabled the growth and positioning of Fiskeby as a major supplier to the UK converting market. The Hull warehouse has enabled us to store customers' material ready for a prompt delivery.

– The staff at the warehouse in Hull have worked with us and our customers for many years and they understand our customers' needs, says Peter Beckwith. There is a very good and strong relationship between the team in Hull and the team in Aylesbury with constant telephone and email contact to get the best solution for our customers. ●



## Intense activities on the board machine

There is a lot going on around Fiskeby's board machine this spring. The department has several major projects underway, including trimming of the drives and completion of the biogas plant.

**WE REALLY HAVE A VERY** exciting time ahead of us, says Torbjörn Westerlund, Production Manager board machine. Given the investments and improvements in progress this is a great challenge during the year, in addition to operating the new systems we also have to make sure we take advantage of the new system features.

**LAST WINTER THE DRIVES** to all (78 pcs) electronic motors on the board machine were replaced. The new technology offers new possibilities to get a smooth, fine transit throughout the board machine. In the longer term it will be possible to increase the production speed and also reduce the risk that we create outages due to "pulling" the board too hard. The investment amounted to approximately SEK 20 million and the equip-

ment was delivered by ABB. The change was performed during Christmas and tuning of the system during early spring.

– Smooth operation with fewer disruptions will result in a smooth and fine board quality, which will benefit our customers, says Torbjörn Westerlund.

Torbjörn Westerlund is the new Production Manager board machine since January 2015. He has previously worked at Holmen and Braviken Paper Mill as Production Manager of paper machine PM52.

– In my role as Production Manager I am responsible for coordinating resources and to ensure that production is the highest possible while we meet the quality specifications that we have set for Multiboard, says



*"Commitment and understanding is required to perform a successful job"*

Torbjörn Westerlund, Production Manager board machine KM1

Torbjörn. But my work is not just about technology. Establishing good communication and good teamwork is just as important. A successful job requires commitment and understanding of what is important. Still we must not forget that we are part of each other's work environment and that we should have fun at work! I want to encourage openness and understanding where we work together to achieve our goals.

**-BEING NEW AT FISKEBY** I feel that there is a very good spirit in the company, says Torbjörn. Optimism is strong and there is a dedicated and friendly atmosphere. Maybe it's because we manufacture excellent products? We produce packaging board with very good strength properties from recycled paper. ●



# Soon construction of the biogas plant is ready



**Fiskeby's biogas plant**, which will produce climate-neutral biogas from waste water, will be completed in Spring 2015.

CONSTRUCTION OF the biogas plant started in May 2014. Now, barely a year later, the facility is nearly ready. The larger pieces in the facility were in place during the winter and assorted wiring works for the plumbing and electrical systems were installed in the spring. Among the last thing that was done in the spring was to thermally insulate the parts that are outdoors. This is important because the plant relies on waste heat from the factory and does not have its own heating.

DURING THE SUMMER, there will be a period of training for the staff involved and in early autumn the facility will be fine-tuned. Parallel to this, installation of the treatment equipment for the biogas will be done. – The work has gone very well despite the winter and cold weather, says Kerstin Ekestubbe, Project Leader Fiskeby. The project has largely followed the schedule in spite of the many subcontractors involved. In total, about one hundred people

were involved in the construction. A major focus has been on making the plant operationally safe. – The new biogas plant will relieve the company's existing water treatment plant, says Torbjörn Hansen, CEO Fiskeby. The increased treatment capacity will reduce the company's environmental impact and provide the potential for enhanced cartonboard production. The investment amounted to 33 million SEK, of which the Swedish Energy Agency has granted SEK 12.6 million. ●



**SILVANDERSSON** 

Susanne Stenberg, purchaser at Silvandersson, shows one of the company's products.

## Cartonboard in both product and packaging

**Silvandersson Sweden AB** is a double user of cartonboard. They use cartonboard in several of their products as well as when packing them.

IT ALL STARTED AS an unexpected and successful failure. Ake Silvandersson, a Swedish inventor, was working in his workshop developing a machine to pack potatoes. Glue was lying on the table and flies where caught in it. That was the beginning of Silvandersson's first product, a glue-based flycatcher.

Since its inception in 1982, the company's product range has gradually grown and now includes glue based products, sprays and other products for pest control. Today, the products are sold to both households and farmers as well as hotels and restaurants worldwide. The company exports about 90 % of its production, mainly to Europe, USA and Asia.

– WE DISTINGUISH OURSELVES in the market by offering environmentally-friendly products completely free from poison, says Kenneth Silvandersson, CEO of Silvandersson Sweden AB. We have done so ever since the company started.

The company uses not only cartonboard for packaging but also in the products themselves.

The company's best seller, a glue-based flycatcher, consists of cartonboard which is applied with a special adhesive together with

a variety of colors and designs that will attract flies.

– We test what patterns and colors that work best and are constantly developing our products, continues Kenneth Silvandersson.

**SILVANDERSSON IS PROBABLY** the only company in the country that has its own incubation of flies. Each year flies are cultivated to be used in testing of new prototypes. The flies are attracted primarily to various colors and patterns and to a lesser extent to aromas and flavors.

Cartonboard is also used to package the products.

– The packaging is important for the product, says Kenneth Silvandersson. It will promote the product while it should convey clear product information. It is very important to easily find information about the product already on the packaging for our customers.

Since the start Silvandersson has worked with Mellby Pac AB when it comes to packaging solutions. Proximity and open dialogue characterize the two companies' cooperation.

– You can do much of cartonboard, says Ulf Persson, CEO Mellby Pac AB. Silvandersson have had many strange ideas over



the years and that is what has driven development forward. Together, we are constantly trying to find new applications. ●

### Facts Silvandersson Sweden AB

The company started in 1982 by Åke Silvandersson and his two sons, Kjell and Kenneth. Production facilities are located in Knäred, Halland, and has 25 employees. The company manufactures products for pest control.

### Facts Mellby Pac AB

The company has its production facilities in Laholm and manufactures various types of carton packaging. The company employs five people.



## IN BRIEF

**MULTIBOARD®**



**Multiboard® Premium**  
FOR DECORATIVE PRINTING

## Let us introduce Multiboard Premium

**We are proud of** the newest member of the Multiboard family. So proud that it now gets its own name. Multiboard Premium with metalised polyester foil offers excellent conditions for decorative printing where a luxurious impression is wanted. In addition it has excellent barrier properties. Like the moose is said to be king in the Swedish forests, Multiboard Premium emerges as the king of Multiboard. For more information contact your sales manager or go to [www.fiskeby.com](http://www.fiskeby.com)

## The carbon benefits of recycling

**A cartonboard packaging life cycle starts** when the carton is made of wood from the forest. Growing trees sequester carbon and the carbon continues to be stored in the package for its entire life. When cartonboard packaging is recycled carbon is still stored in the package, thus prevented from being returned to the atmosphere as carbon dioxide. A cartonboard package can be recycled six to eight times. Cartonboard recycling also means that we do not need to use as many trees to produce new cartonboard. Instead, the growing forests bind more carbon dioxide from the atmosphere in a natural photosynthesis process.

**Read more:** [www.procarton.com](http://www.procarton.com)



## World Premiere of a completely renewable beverage package

**The Finnish dairy producer Valio** is the first company in the world offering products in a beverage carton package entirely made from plant-based raw materials. Packaging, produced by Tetra Pak, is manufactured from a combination of cartonboard and plastic, from raw materials of plant origin. Valio introduces the package into the Finnish retail sector in March and will use opinions from consumers to decide whether the package is to be used in their broader portfolio.



## Spruce is the most common tree in Sweden

**At Fiskeby we buy most of** our raw material from Sweden and a large part of the material is also manufactured here. Spruce (*Picea abies*) is the most common tree in the Swedish forests and covers around 45% of the total forest area. Spruce is the last immigrant forest tree spread from the northeast about 3 500 years ago. The oldest spruce found was at least 587 years and grew in Njakafjäll in the north of Sweden.

### Let's Clean Up Europe!

**In order to reduce** littering in nature and to give visibility to the issue, the EWWR (European Week for Waste Reduction) coordinates a Europe-wide annual clean-up day, involving and reaching as many citizens as possible. The European Clean-Up Day will take place on 8-10 May 2015.

### New employees

**Torbjörn Westerlund** began his work as Production Manager board machine in January 2015. He has previously worked at Holmen, Braviken Paper Mill, as Production Manager.