




**VIBES**  
**AWARDS**  
**WINNER**  
**2016**



VISION IN BUSINESS FOR THE ENVIRONMENT OF SCOTLAND

- Farne is the largest private employer in the Scottish Borders and has seen rapid annual growth over the last 15 years with turnover increasing from £20 million to a forecasted £100+ million in 2017.
- Our main business activity and passion is the manufacture of smoked salmon, cooked salmon, value added salmon and other fish species products. Our principle customers are UK high street retailers but we also export to key customers on the continent and more recently have started exporting into Eastern European and Far Eastern markets.

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- Entering the Vibes Awards presented an opportunity for us to catalogue the progress we have made and highlight the wealth of economic, environmental and social benefits we have gained through sustainable investment and developments.

# Farnes contribution to the “Circular Economy”

- Farnes treats sustainability issues as business opportunities.
- Recycling waste makes business sense.
- We have gone beyond compliance with our waste disposal and are reaping the benefit.



# Partners





# Recycling Bins





food waste

cans  
plastic bottles

paper

general waste



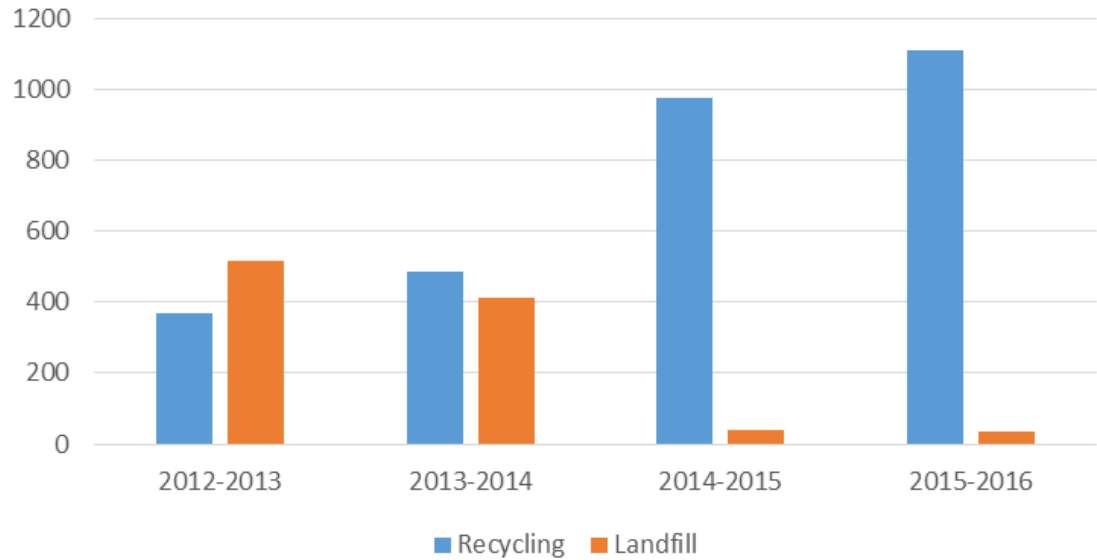


## **FOOD WASTE**

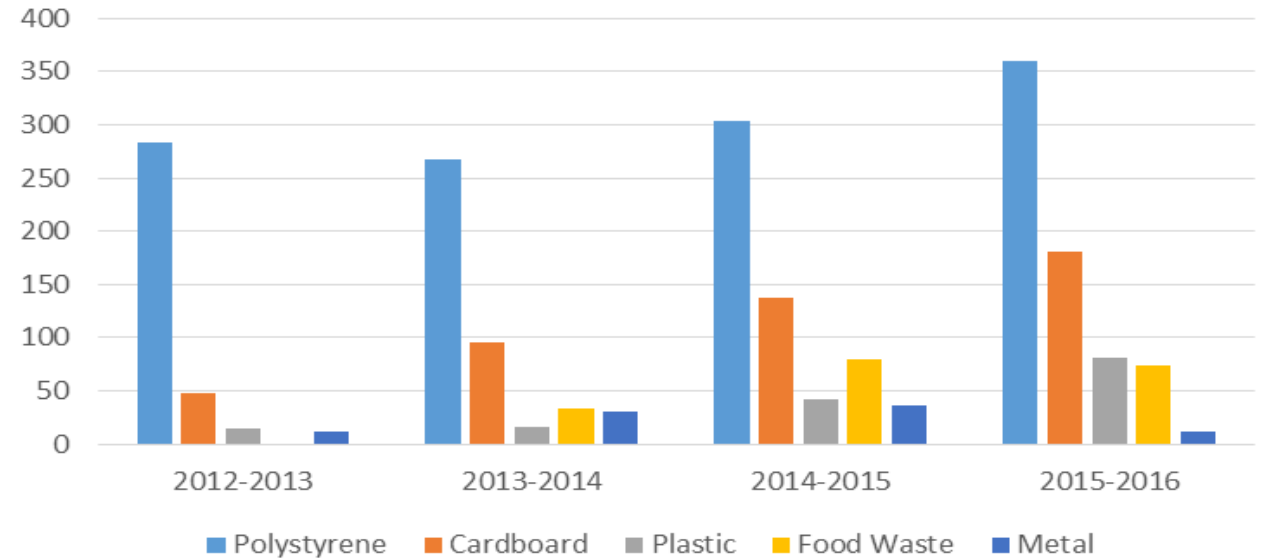
**70 tonnes food waste diverted from land fill to Anaerobic digestion.  
1000 tons more product now entering the human food chain in 2016.**



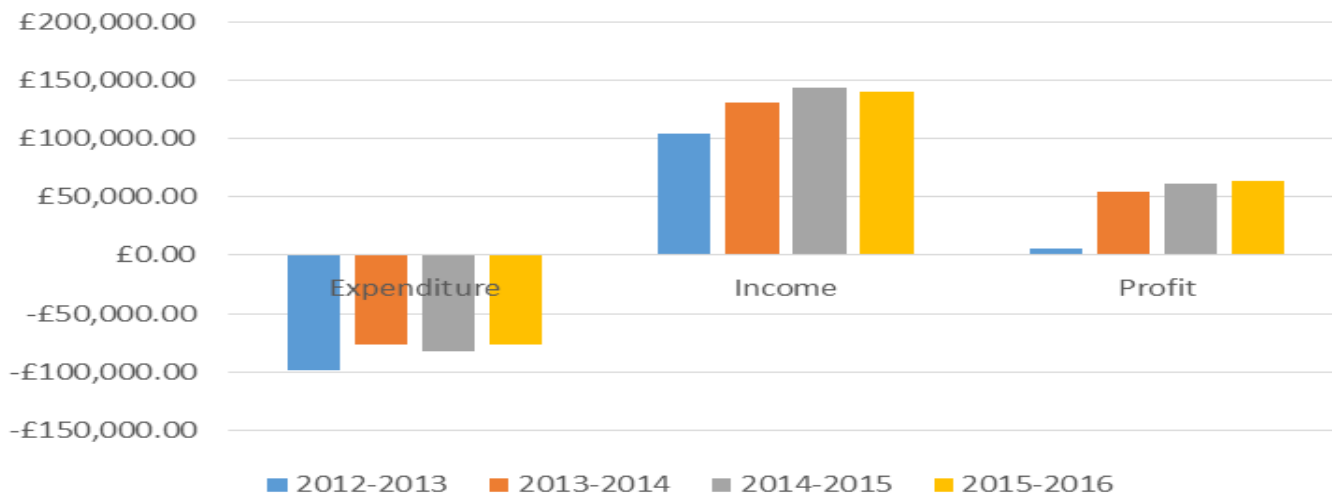
### Recycling vs. Landfill



### Component Breakdown



### Expenditure - Income - Profit



2013-14 40% Recycled 60% Landfill.  
 2015-16 97% Recycled 3% Landfill.

2012 Waste disposal cost £13,000.  
 2015-16 Waste disposal profit £63,000.



Reducing raw materials use makes environmental and business sense.

We aim to be more resource efficient and find innovative and state of the art solutions.

# Efficient Use Of Raw Materials

Aquaculture sustainability most often refers to feed issues.

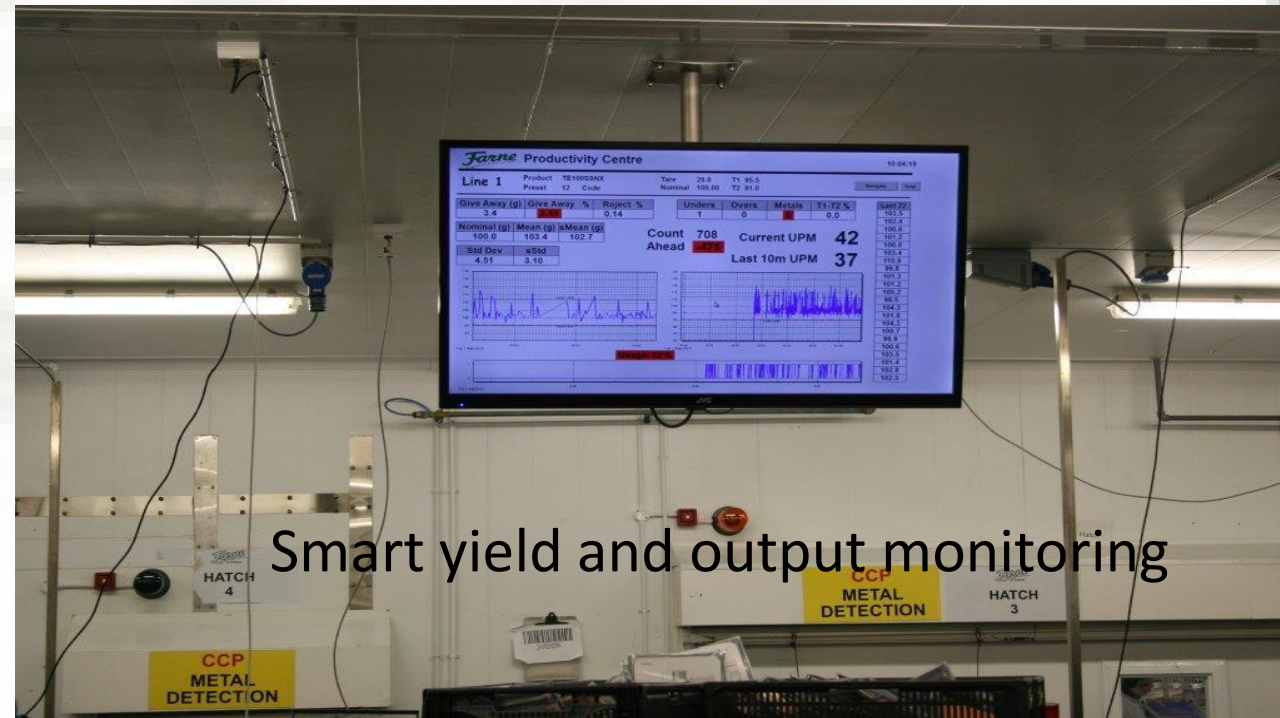
- the ability to continue producing feed without depleting the raw materials used to produce it.

On average farmed salmon require 1.1kg (1.3 max) of input feed to produce 1kg of salmon meat-  
better than most other farming systems



Yield improvements = 250 tons  
less fish req. each year

Efficient cooking facilities >40 tonnes less raw material  
required per year due to yield gains



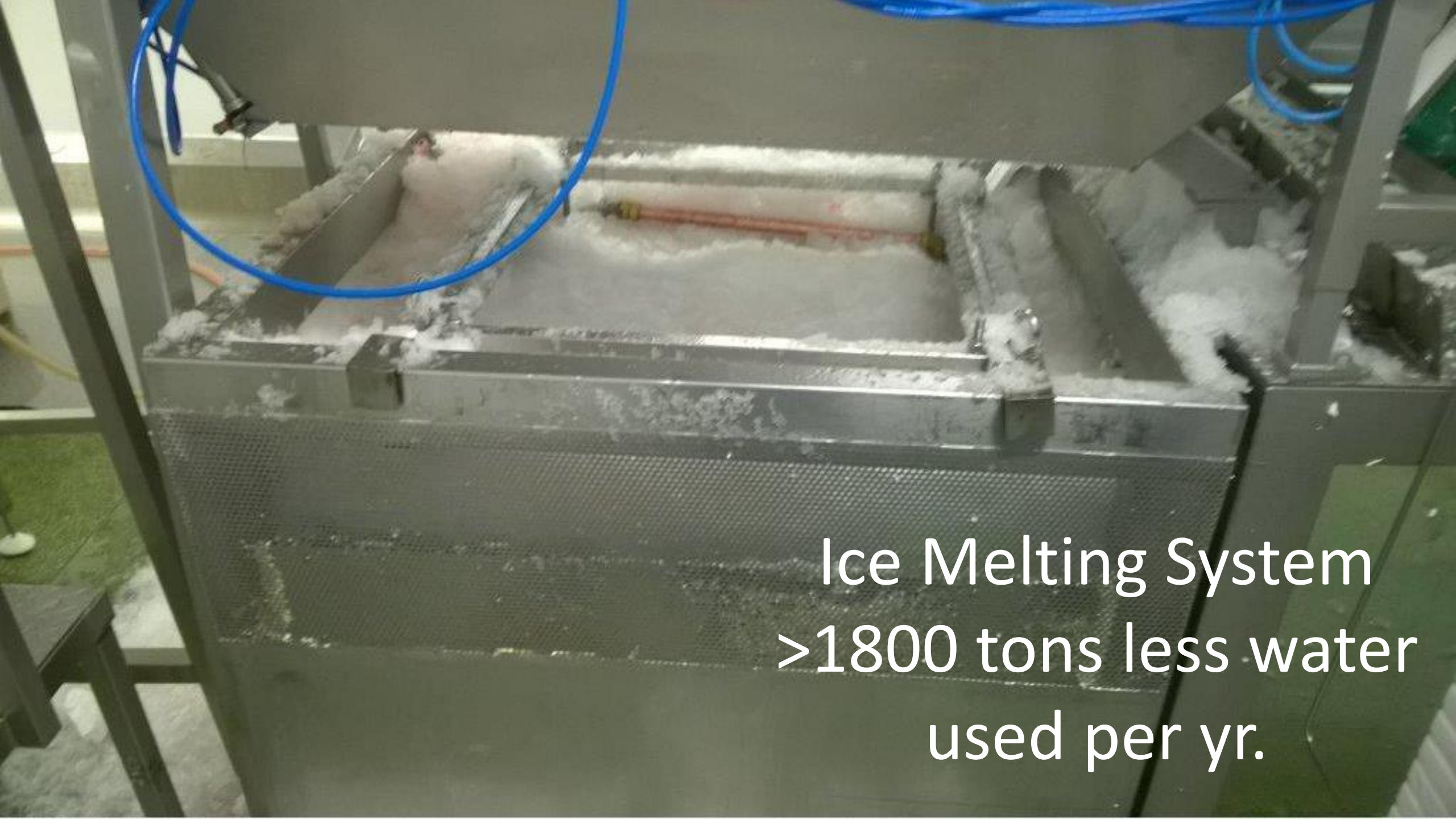
Smart yield and output monitoring

# Salt Applicator Fixed Head Spraying

Saves >350 tons  
of salt per  
annum

Eye  
protection  
must be  
worn



A photograph of an industrial ice melting system. The machinery is made of stainless steel and is heavily covered in a thick layer of white ice. Several blue hoses are connected to the system, and a red pipe is visible in the background. The overall scene is one of a well-used but frozen piece of equipment.

Ice Melting System  
>1800 tons less water  
used per yr.

45% + business growth, 10% Reduction in water per ton of finished product

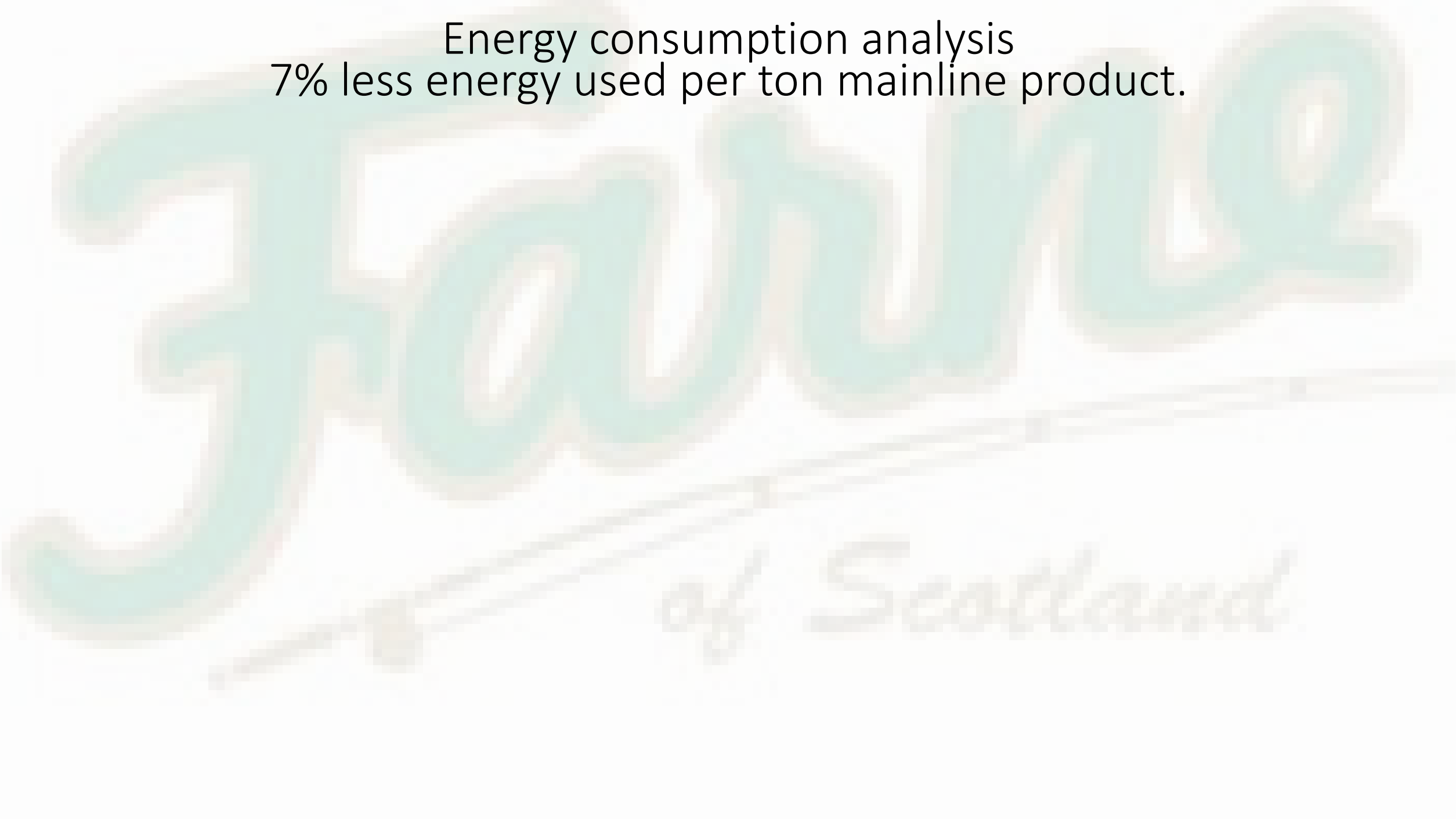




# LED Lighting



Energy consumption analysis  
7% less energy used per ton mainline product.



*Farne*  
*of Scotland*

**CONGRATULATIONS  
YOU'RE A FARNE  
STAR**

**Our Values**

**People**

*We have relationships that are based on honesty, courtesy, respect and trust. This is at the heart of everything we do*

**Performance**

*We work together to achieve fantastic results*

**Customers**

*We deliver excellent quality and service in every way, both internally and externally*

**Responsibility**

*We take responsibility for our own attitude, behaviour, performance and results*

**Communication**

*We are passionate about open, honest and constructive two way communication*

**Environment**

*We have a positive working environment. We recognise, value, encourage and develop everyone's contribution*

**Nomination Forms are available from HR and Reception**

**Farne Stars**



FRIDAY 12 DECEMBER 2014



Save the Children  
**CHRISTMAS  
JUMPER DAY**



CANCER  
RESEARCH  
UK





# The VIBES Effect

- Comprehensive application procedure.
- Rigorous judging process including on site verification.
- Industry recognised award.
- Recognition and reward for all employees everyone is involved at Farne.
- Catalyst for environmental improvements.
- Very nice trophy!



**Thank You For Listening**

**Angus Forbes**  
Environmental and Projects manager,  
Farne Salmon , Duns