

Biosecurity hygiene and EU legislation for the discard fisheries processing and end products

Learning from real life

Case Studies about MARIPET and Discard Fisheries
Use Success Stories

LYSI

Case study from (Iceland), identified from research by
(Agricultural university of Iceland+ PARTNER COUNTRY)

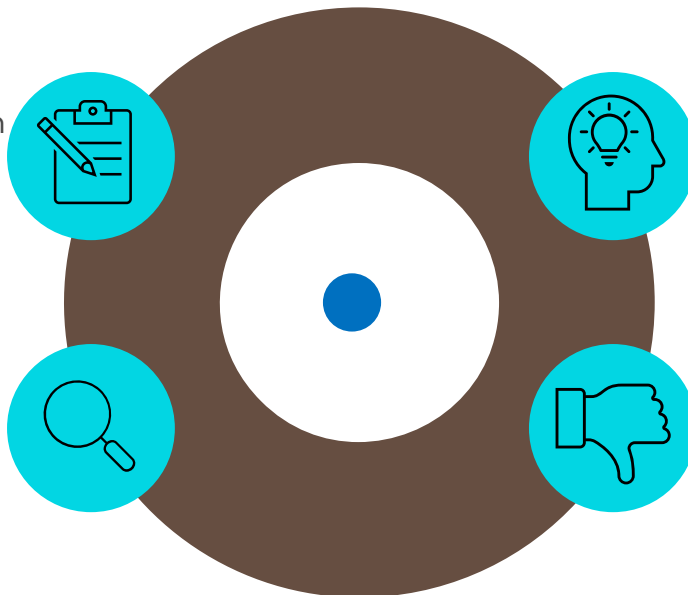
Case Study Overview

Description

The production of cod oil from fish stocks that are responsibly harvested and not listed as endangered species.

Identified (module specific practices)

- HACCP certificated.
- Regularly taken samples for microbiological and contaminant analysis



Benefits

Cod oil contains high amount of omega-3 fatty acids and is rich of vitamin D. It also reduces food waste by fully utilising all raw material obtained from the fishing industry.

Drawbacks

The cod oil contains really strong smell that is hard to get out of your clothes.

Description of the Case Study

LYSI

The production of cod oil consists of separating the fish oil from the liver, separate water and impurities from the fish oil and extracting valuable substances from it. The fish oil is produced from fish stocks that are responsibly harvested and not listed as endangered species. LYSI also develops valuable by-products from residue material from the fish oil production. The company emphasises on using renewable energy and minimising waste from production.



Additional information to complement the picture or the above text.

Fig 1. Producers looking at the final product.

<https://www.lysi.is/heilsa/annad/grein2/er-lysi-hitad-vid-frameidslu1>

HACCP

The production of LYSI is HACCP certificated. To keep to product safe for consumption it is regularly taken samples for microbiological and contaminant analysis and monitored to be in accordance with EU regulations.

What makes it beneficial to promoting MARIPET?

This case study demonstrates how a part of the fish that is often discarded, in this case the liver, can become a valuable product.

Innovation, investments and research are vital for finding new ways to process marine raw material to eliminate wasteful practices.

Environmental and economic impact



1. Reduced food waste



2. Healthy product on
the market



3. Reduced CO₂



4. Increased export
from Iceland

- **References:**

- LYSI. (n.n). *Framleiðsla*. Available at: <https://www.lysi.is/starfsemin/framleidsla>
- LYSI. (n.n). *Heilsa*. Available at: <https://www.lysi.is/heilsa>
- Lady.is (2018). *Hvernig á að ná lýsislykt úr fötum*. Available at: <https://www.dv.is/fokus/stjornufrettir/2018/05/23/hvernig-ad-na-lysislykt-ur-fotum/>
- **Useful info:**
- Website: <https://lysi.com>

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