

JUNE 1 - 3
SKAGEN
DENMARK

Ragnar
Sverrisson


Héðinn hf.

Protein Recovery in a Compact, Cost-Effective
and Environmentally Sustainable Manner



The logo consists of the letters 'HPP' in a bold, sans-serif font. The 'H' is a solid block, while the 'P's have a circular cutout at the top.

PROTEIN PLANT

A background image of a hiker with a backpack standing on a rocky trail in a mountainous landscape. The image is overlaid with a semi-transparent blue filter.

Héðinn hf & HPP PROTEIN PLANT

Ragnar Sverrisson - Managing Director HPP Solutions

03.06.2022

The History



Héðinn established 1922

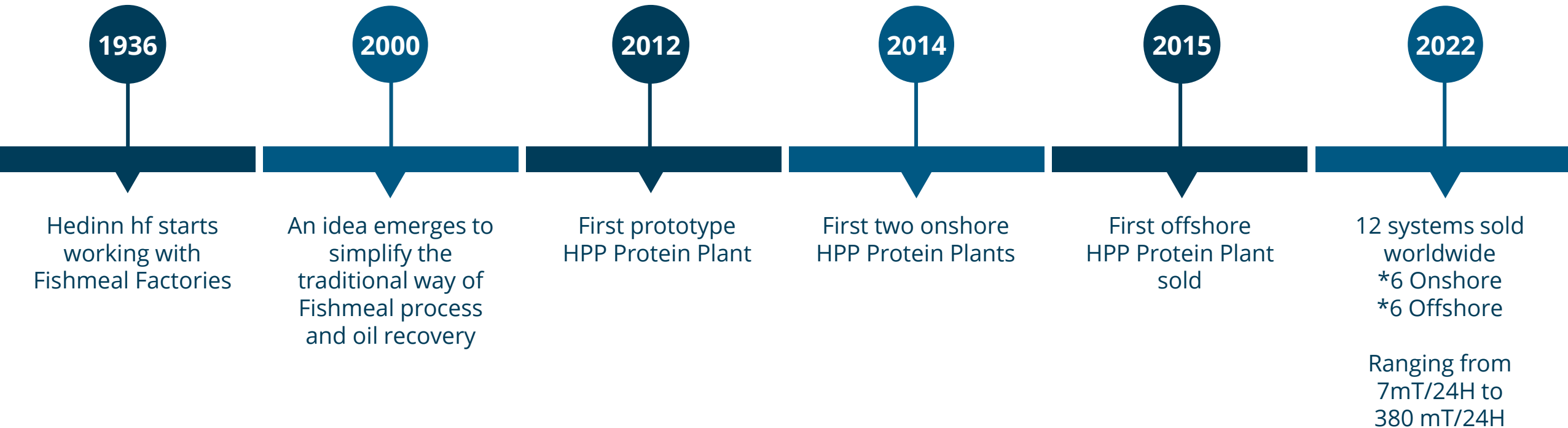
100+ employees

100 years anniversary



The development of HPP Protein Plant

Smaller and simpler machines making high quality meal and oil, in energy efficient way.



HPP Protein Plant Current & Future Markets

Smaller and simpler machines making high quality meal and oil in energy efficient way.

FISH



Aquaculture

- Salmon
- Trout
- Tuna
- Carp



Whitefish

- Cod
- Haddock
- Saithe
- Redfish



Pelagic

- Herring
- Mackerel
- Sprat
- A.Pollock



Shrimp



Crab



Poultry

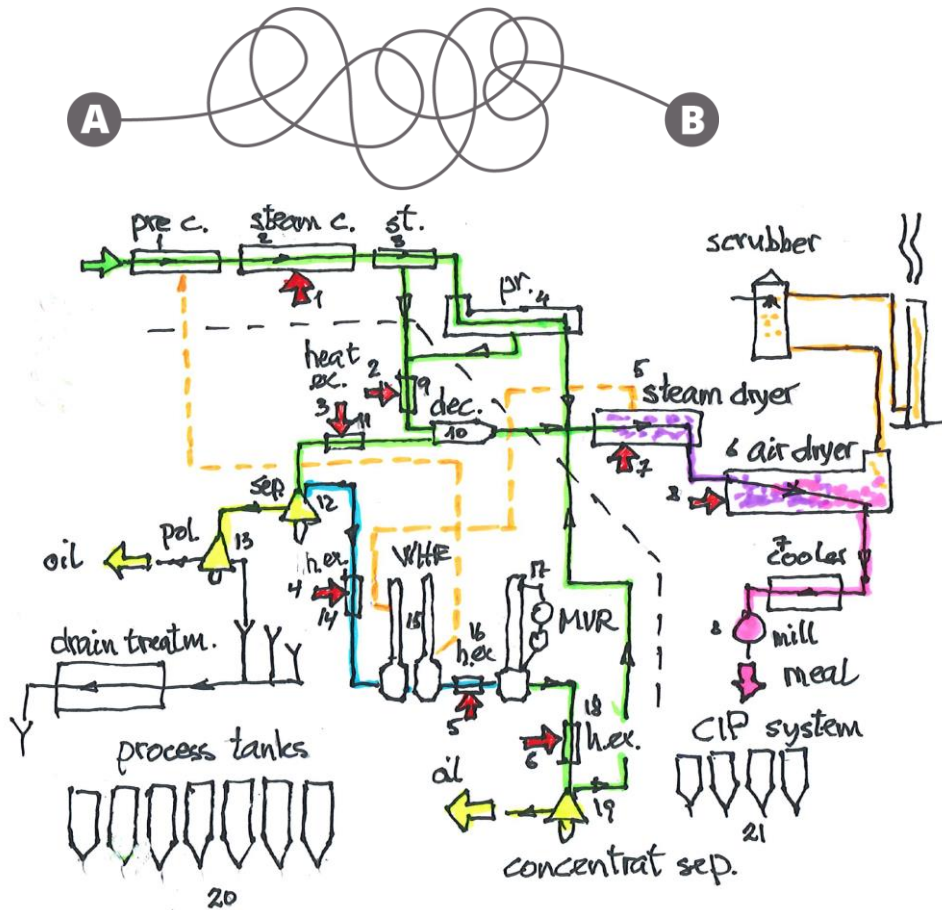


Meat

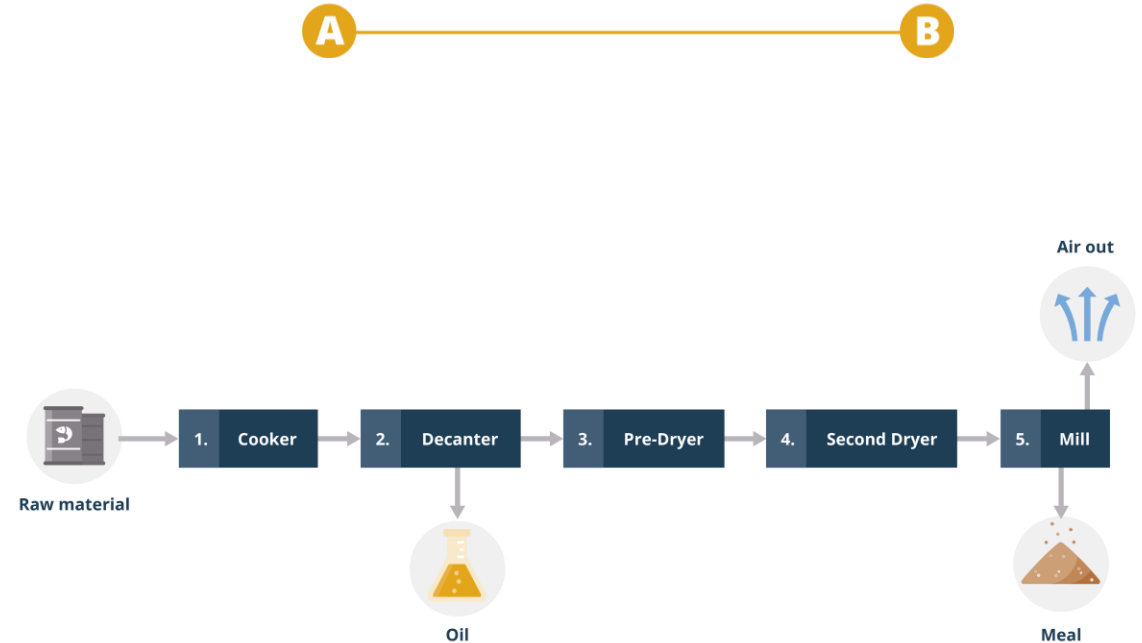
CRUSTACEANS

FUTURE

Smaller machines need to be simpler to be economical



Traditional Fishmeal plant



HPP Protein Plant



Where is HPP?



HPP at North Star

Started operation end of year 2021

Meal with higher protein values. Full utilization of proteins.

Not good ballance between frezzing hold and meal/oil storage



HPP at SVN

Two lines total of 400 tn/h of RM

Startup in August 2022

70 tn/d to 2400 tn/d

Better RM quality, less buffering

Minimize cleaning time

Lower energy cost. Minimize starting/stopping



30%

lower energy use
being resourceful with energy usage

100% utilization
of raw material

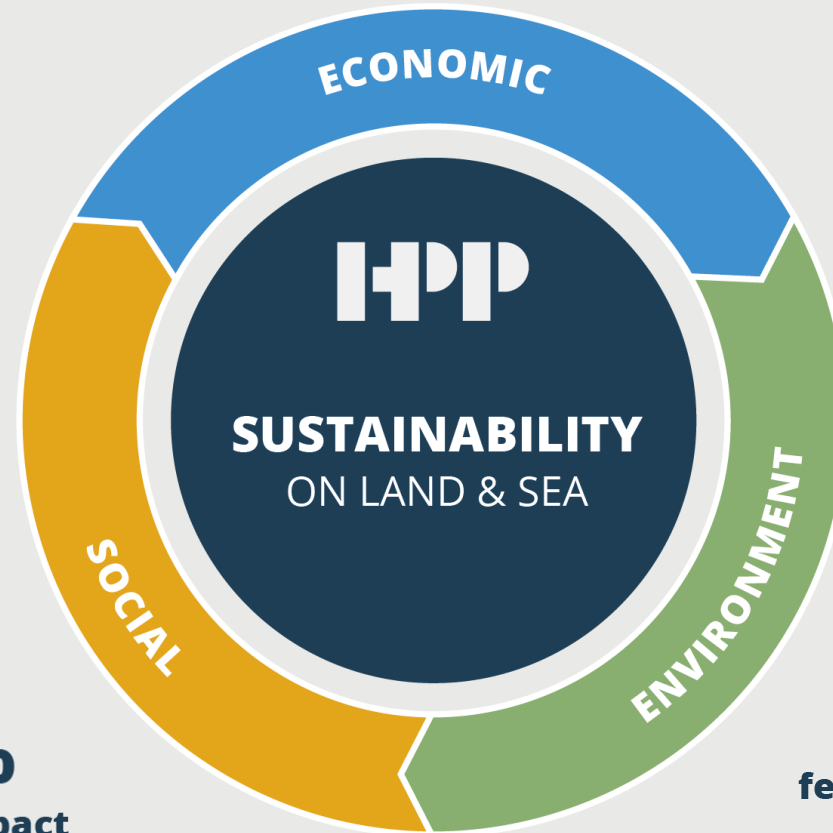
Local business
Produce & sell protein
and oil locally for feed
or human consumptions

Quality feed from waste
Create feed for animals that
will feed the locals in
a sustainable manner

30%
more compact

30%
fewer components
Fewer resources
used for equipment

**Green
technology company**
Technology intended to
reduce the impact of humans
on the environment



We are part of the solution

HPP Protein Plant is contributing to the fight for a more sustainable future.

Working in harmony with business goals and the environment

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