

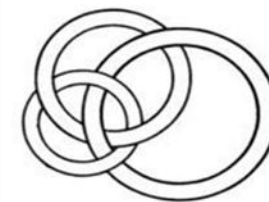
FISHING, FISH FARMING & FORESTRY

Aida, Siiri, Margrét, Heine & Magnhild



Nordland
FYLKESKOMMUNE

BRØNNØYSUND
VIDEREGÅENDE SKOLE



VAALAN
LUKIO



The background is a complex, abstract pattern composed of numerous small, irregular polygons in various shades of blue and white. The pattern resembles a low-poly or mosaic style, with the colors blending together to create a sense of depth and movement. The word "FISHING" is centered horizontally and vertically within this pattern.

FISHING



FISHING IN ICELAND

- One of the most important industries in Höfn.
- Fishing is a part of Höfn's DNA.
- Skinney is participating in making sustainable packaging.
- Quota system is what Skinney – Pinganes uses to prevent decrease in fish stock.
- The waste from the fish is used in many products.



A photograph of a person sitting on a white plastic chair on a wooden pier, fishing with a long rod. The scene is set at sunset, with a vibrant orange and yellow sky and a calm sea. The person is silhouetted against the bright light of the setting sun.

FISHING IN FINLAND

- Small-scale & diverse
- Angling & ice fishing are free forms of fishing
- Mostly a free-time activity
- Fishing as earning your living has decreased
- The young generation
- In Vaala
- Important natural resources: Fish stocks, waterways & coastal zones
- Protecting the natural resources of fishing:
- fishing act, catch limits and quotas & protected areas and fishing restrictions

The background is an abstract, low-poly geometric pattern in various shades of blue and white. The pattern consists of numerous irregular polygons of different sizes and colors, creating a textured, crystalline effect. The colors range from deep navy blue to light sky blue, with white areas interspersed throughout. The overall composition is dense and dynamic.

FISH FARMING

Fishfarming in Norway

1

- How much is fish farming in Norway?

2

- sustainability is a work in progress

3

- focused on SDG 14 and a growing emphasis on SDG 12

FISH FARM IN BRØNNØYSUND

Campus blå

- Established in 2017 by Torghatten Aqua
- “blue sector” which includes aquaculture and maritime industries
 - Located at Toft Brygge, Brønnøysund
- Focuses on innovation, sustainability, and providing quality jobs
 - Integrates several SDG

A vertical image on the left side of the slide shows a fisherman in silhouette, pulling a large fishing net. The scene is set at sunset or sunrise, with a warm orange and red glow on the horizon and water. The net is a large, curved mesh structure that dominates the left side of the frame.

FISHFARMING IN FINLAND

- Common in Northern- & Middle-Finland
- Rainbow trout, whitefish, char
- 250 fish farming companies
- Climate and environmental impacts
- Natural resources: Water, Fodder crops & animals, heat & light
- Protection: environmental regulations for fish farming, Protection of water bodies and the environment
- Petäjäkosken Kala



FORESTRY

Forests in Norway

1

Forest Coverage- 37%

2

Sustainability

3

Economic Importance

4

Research & Innovation



FORESTRY IN FINLAND

- 75% of Finland's area
- Over 20 000 species
- 3 different forest types
- 44% owned by privates
- Harvesting & clear cutting
- Employment
- Renewal obligation
- Natural resources: wood material, land/forest land, water & biodiversity
- Protecting: principles of sustainable forest management, safeguarding biodiversity & protection of soil and waterways



SDG

S U S T A I N A B L E D E V E L O P M E N T G O A L S



GOAL 8 & 9

- Fisheries, aquaculture & forestry provide a lot of jobs.
- Using natural resources wisely helps keep jobs for the future.
- Advanced methods improve efficiency and reduce environmental impact.

8 DECENT WORK AND
ECONOMIC GROWTH

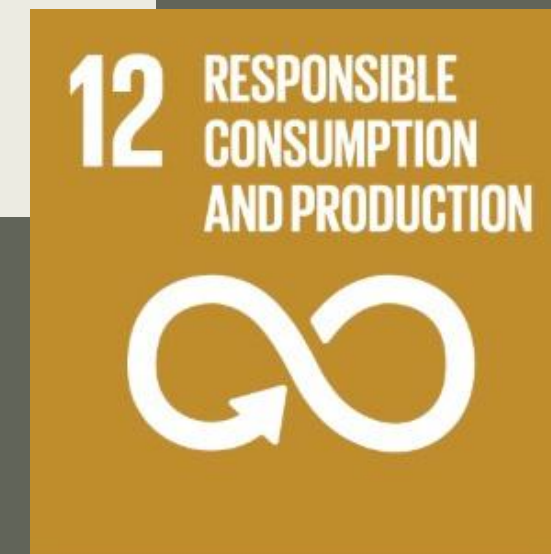


9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



GOAL 12 & 13

- Icelandic fisheries use the whole fish to avoid waste.
- Norway is improving fish feed to lower pollution.
- Finland manages forest carefully to protect the nature.
- Climate change has a big impact on the country's sustainable resources.





GOAL 14 & 15

- Iceland uses sustainable fishing to protect sea life.
- Norway is reducing pollution to save sea life.
- Finland uses sustainable methods to protect the forest.



A wide-angle photograph of a two-lane asphalt road stretching into the distance under a dramatic sunset sky. The sun is low on the horizon, casting a warm, golden glow over the scene. The sky is filled with dark, silhouetted clouds. The road has a dashed white center line and metal guardrails on both sides. The landscape is arid with sparse desert vegetation and distant hills. The word 'FUTURE' is painted in large, bold, white letters on the road surface in the foreground. The words 'FUTURE VISION' are superimposed in a white serif font across the middle of the image, appearing to float in the sky above the road.

FUTURE VISION

FUTURE

AI FUTURE VISION

Iceland

- Quota system.
- International cooperation.
- Climate action and protect biodiversity.
- Smart Fishing Tools.
- Biodegradable Packaging.
- Healthy enviroment.

Norway

- Shift to offshore and land-based systems to reduce environmental impact.
- Use of technology to optimize farming efficiency.
- Focus on breeding disease-resistant fish species.
 - Growing demand for sustainable and plant-based protein sources.

Finland

- Sustainability and Climate Change Adaptation
- Technological Advancements
- Bioeconomy and Diversification
- Public Engagement and Ecosystem Services
- Policy and Regulation

A close-up photograph of a blue lotus flower in full bloom. The petals are a deep, vibrant blue with some lighter, almost white, variegation or dusting on the upper surfaces. The center of the flower is a bright yellow, showing the stamens and pistil. The background is dark and out of focus, making the flower stand out. The text "THANK YOU!" is overlaid in the center of the flower in a white, serif font.

THANK YOU!