

Heike Vester
Ocean Sounds
Hellandsgate 63, N-Henningsvaer

Henningsvær, 12.11.2006

Final report to the WWF Arctic Programme

Ocean Sounds received a grant of 10 000 swiss francs approximately 50 000 kr

The grant was used to create an exhibition center at the ocean sounds location in Henningsvaer, in northern Norway.

The grant was partially used to equip the center with presentation and multi-media equipment, such as a laptop, mouse, power point viewer, DVD's, cables and other requisites.

In the center you will find:

- research lab and office
- library with books related to the marine life science
- place for 60 people to sit, and 45 chairs
- a large screen and multi media presentation equipment (DVD player, amplifier, loudspeakers, projector and laptop)
- souvenir corner, where we offer educational and handmade souvenirs
- educational posters on the wall, on different marine mammals, WWF exhibition about the Arctic environment, Photo exhibition by biologist Tilman Wischuf on different animals and nature of Lofoten and an art exhibition by Anke Gruss about nature and life of Lofoten

The other part of the grant was used to create exhibitions about the marine environment and ecosystem around Lofoten. We created 4 power point presentations ca 35 minutes with pictures and sounds and hand-outs on the following topics:

1. Killer Whales of Northern Norway

Introduction to northern Norway, Food chain (polar richness due to the current and the midnight sun), Occurrence of the Herring and the value for the ecosystem, over fishing of the herring and Norwegian whaling of killer whales until 1982, biology and social structure of killer whales, behaviour of killer whales and whale watching regulations, underwater noise of boats, sound production of killer whales and the reaction of whales to boat noise, interaction between killer whales and herring fishing boats, research, results and goals of ocean sounds, conflicts between killer whales and fisheries, example of an entangled killer whale on Lofoten and the rescue mission.

Plus one page hand out with information.

2. Marine Mammals of Lofoten

Introduction to Mammals, Adaptation of mammals to aquatic life form, examples of different marine mammals biology and sounds, baleen whales, toothed whales, dolphins, manatees, seals, species that inhabit the waters of Lofoten, seals, otters, harbour porpoises, dolphins, sperm whale, killer whales, pilot whales, minke whale,

threats to marine mammals: pollution, entanglements, hunt, noise, climate change, life captures, what can we do to reduce these threats?

Plus one page hand out with information.

3. Marine Life of Lofoten

Introduction to Lofoten and Henningsvaer, species that inhabit the waters around Henningsvaer and are likely to be seen when we go snorkelling or watch from shore: algae, snails and shells, anemones, crustaceans, and fish species.

4. The life of Cod

Introduction on the different cod species, with focus on the coastal cod and Barentsea cod. Special biology of spawning and sound production of cod. Ecosystem Barentsea and possible threats, over fishing pollution and starvation. Fishing quotas and future perspectives.

Power point presentations are lively and can be shown everywhere. The presentations are presented by scientists, biologists that work at ocean sounds, thereby the people will be able to meet professionals that can answer their questions. These presentations can also be used for school projects or pupils can join us on our research excursions.

In addition we used the grant to build a sign for outside wall, and to buy frames for posters on marine mammals.