



National Environmental Research Institute (NERI)
Department of Coastal Zone Ecology
Kalø, Grenåvej 12
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Horns Rev wind farm

Progress report: 1. January – 30. June 2002

- **Description of programme**

The programme for the first half of 2002 includes three aerial surveys for determining the spatial distribution and numbers of birds occurring within the study area and preparation of a status report for 2001 and a base-line report covering the total investigated period August 1999 – April 2002.

- **Purpose of programme**

The purpose of the bird studies is to provide a base-line which can be used for analysing potential impact of the wind farm on birds. Through aerial surveys of birds within the study area a detailed data set of their spatial distribution and numbers during the year has been obtained.

- **Status of progress**

Two aerial surveys (12. March and 9. April) have been carried out. A planned survey in February was cancelled due to poor weather conditions.

A status report for 2001 has been prepared and delivered in June 2002.

A base-line report covering the total period August 1999 – April 2002 is under preparation and will be finished in late summer 2002.

A draft project catalogue for the bird investigations at Horns Rev has been prepared and presented to Tech-wise. The catalogue describes ongoing bird projects and proposals for new bird projects, which NERI considers as relevant in relation to analysing the potential impact of the wind farm on birds.

On two meetings between Tech-wise and NERI the planning of investigations of bird collisions with turbines in operation have been discussed focusing mainly on practical issues. On the second meeting representatives from ELTRA were present.

- **Deviations from the planned programme**

The planned programme for the first six months of 2002 has been followed except that one aerial survey had to be cancelled due to poor weather conditions.

- **Programme for second half of 2002**

The programme for the second half of 2002 includes:

- 3 aerial surveys (August, September and November)
- 3 observation-periods of 2-3 days each concerning collision risk. Visual observations from the transformer station will be carried out with the aim to record bird species, number of birds, flight altitudes, behaviour etc. in relation to the wind farm. If possible also initial radar studies will be conducted,
- finishing the base-line report.

- **Economy**

The budget for the second half of 2002 includes:

- 3 aerial surveys,
- 3 observation-periods in relation to collision risk
- additional activities

28. June 2002